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Accounting

DEPARTMENT CHAIR

HELQUIST, Joel *Associate Professor*

DEPARTMENT CHAIR

WAITE, David *Lecturer*

FACULTY

BAILEY, James *Professor*

BARTHOLOMEW, Aaron *Associate Professor*

CIESLEWICZ, Joshua *Associate Professor*

HELQUIST, Joel *Associate Professor*

HOWARD, Carolyn *Associate Professor*

JASPERSON, Jill O. *Associate Professor*

JEPPSON, Nathan *Associate Professor*

MYERS, Noah *Assistant Professor*

OLSEN, Kari Joseph *Associate Professor*

ORTEGA, Xiaoli *Associate Professor*

RANKIN, Michelle *Professional in Residence*

SCHMIDT, Bunny *Lecturer*

SMITH, Sheldon R. *Professor*

SMITH, Kevin *Professor*

STUBBS, Kyle *Assistant Professor*

VAN WAGONER, Marty *Professional in Residence*

WAITE, David *Lecturer*

WILLIAMS, Jeffrey *Assistant Professor*

WITESMAN, J. David P. *Assistant Professor*

Degrees & Programs

Accounting, A.S.

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Requirements

The Associate in Science degree provides a broad business foundation and prepares students for upper-division studies in accounting. Students receive a broad range of theoretical and applied knowledge in the areas of accounting, economics, business law, and quantitative applications.

Total Program Credits: 60

General Education Requirements:		35 Credits
	ENGL 1010 Introduction to Academic Writing	3
or	ENGL 1005 Literacies and Composition Across Contexts (5.0)	
	ENGL 2010 Intermediate Writing Academic Writing and Research	3
	MATH 1050 College Algebra (recommended for Business, Education, Science, and Health Professions majors)	
or	MATH 1055 College Algebra with Preliminaries (5.0)	
or	MATH 1090 College Algebra for Business (recommended for Business majors)	3

or	An Advanced Placement (AP) Mathematics Test with a score of 3 or higher		
Complete one of the following:			3
	HIST 2700	US History to 1877 (3.0)	
and	HIST 2710	US History since 1877 (3.0)	
	HIST 1700	American Civilization (3.0)	
	HIST 1740	US Economic History (3.0)	
	POLS 1000	American Heritage (3.0)	
	POLS 1100	American National Government (3.0)	
Complete the following:			
	PHIL 2050	Ethics and Values	3
	HLTH 1100	Personal Health and Wellness (2.0)	
or	EXSC 1097	Fitness for Life	2
Distribution Courses:			
	Biology		3
	Physical Science		3
	Additional Biology or Physical Science		3
	Humanities Distribution ¹		3
	Fine Arts Distribution		3
	ECON 2010	Principles of Economics I (Fulfills the Social/Behavioral Science Distribution)	3
Discipline Core Requirements:			25 Credits
Complete one of the following introductory accounting sequences:			6
	ACC 2110	Principles of Accounting I (3)	
and	ACC 2120	Principles of Accounting II (Grade of B- or higher required) (3)	
or	ACC 2010	Financial Accounting	
and	ACC 2020	Managerial Accounting (Grade of B- or higher required)	
Complete the following:			
	ACC 2125	Introduction to the Accounting Profession	1
	ACC 2500	Data Analytics in Accounting	3
	MGMT 2340	Business Statistics I	3
	MGMT 2400	Introduction to Data Analytics for Business Professionals	3
	ACC 2600	Business Law and Ethics	3
or	LEGL 3000	Business Law (3)	
	MKTG 220G	Written Business Communication WE	3
Complete 3 credits from the following:			3
	MGMT 2240	Business Calculus (3)	
	ACC 2250	Accounting for Entrepreneurs (3)	
	MKTG 2390	Professional Business Presentations (3)	

Graduation Requirements:

1. Completion of a minimum of 60 semester credits.
2. Overall GPA of 2.0 or above with 2.5 GPA or above in Business courses. No grade below "C-" in Business courses.

Accounting

3. Residency hours: Minimum of 20 credit hours through course attendance at UVU with at least 12 credits of Woodbury School of Business courses.
4. Completion of GE and specified departmental requirements. Students are responsible for completing all prerequisite courses.

Footnote

¹HUM 1010 recommended

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Accounting, A.S. Careers

1. Process and apply accounting transaction analysis into an accounting system.
2. Prepare the four basic financial statements.
3. Analyze results of financial information via ratios, relationships, and variance analysis to aid management decision making.
4. Apply Effective Communication Skills Concepts

Related Careers

- Accountants and Auditors
- Budget Analysts
- Credit Analysts
- Financial Examiners
- Tax Examiners and Collectors, and Revenue Agents
- Business Teachers, Postsecondary

Accounting, Certificate of Completion

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Requirements

A certificate of completion introduces students to the knowledge and skills need to perform in a basic business environment. It includes a knowledge of basic business math, accounting, and accounting software. Skills include communication and presentation skills. This is primarily an applied certificate with a brief conceptual background in business.

Total Program Credits: 30

Discipline Core Requirements:		24 Credits
or	ENGL 1010 Introduction to Academic Writing CC	3
	ENGL 1005 Literacies and Composition Across Contexts CC (5)	
Complete one of the following:		3
	MATH 1050 College Algebra QL (3)	
	MATH 1055 College Algebra with Preliminaries QL (5)	
	MATH 1090 College Algebra for Business QL (3)	
	An Advanced Placement (AP) Mathematics Test with a score of 3 or higher.	
Complete the following:		
	ACC 2110 Principles of Accounting I	3
	ACC 2120 Principles of Accounting II	3
	IM 2600 Spreadsheet Applications	3

or	ACC 2500 Data Analytics in Accounting (3)	
	ECON 2010 Principles of Economics I SS	3
	MKTG 2390 Professional Business Presentations	3
	MKTG 220G Written Business Communication WE	3
Elective Requirements:		6 Credits
Complete at least 6 credits from the courses below:		6
	ENGL 2010 Intermediate Academic Writing CC (3)	
	ECON 2020 Principles of Economics II SS (3)	
	MGMT 2240 Business Calculus (3)	
or	MATH 1100 Survey of Calculus QL (4)	
	MGMT 2340 Business Statistics I (3)	

Graduation Requirements:

1. Minimum of 30 credits required for a Certificate.
2. Must earn grade of B- or higher in ACC 2110 and ACC 2120.
3. Overall GPA of 2.0 required for graduation with no grade lower than a "C-" in Woodbury School of Business classes.
4. Residency hours -- minimum of 16 credit hours through course attendance at UVU.

Accounting, Certificate of Completion Careers

1. Process and apply accounting transaction analysis into an accounting system
2. Apply Effective Communication Skills Concepts

Related Careers

- Accountants and Auditors
- Budget Analysts
- Credit Analysts
- Financial Examiners
- Tax Examiners and Collectors, and Revenue Agents
- Business Teachers, Postsecondary

Accounting, Minor

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Requirements

A Minor in Accounting will prepare students in any major to speak the language of business. Students will receive extensive coverage of both financial and managerial accounting, with the opportunity to pursue other accounting areas of study including: financial accounting, audit, information systems, or tax.

Total Program Credits: 18

Matriculation Requirements:		
1. Admitted to a bachelor degree program at UVU.		
Discipline Core Requirements:		12 Credits
Complete one of the following introductory accounting sequences		6
	ACC 2110 Principles of Accounting I (3)	
and	ACC 2120 Principles of Accounting II (3)	

or	ACC 2010	Financial Accounting (3)	
and	ACC 2020	Managerial Accounting (3)	
Complete the following courses:			6
	ACC 3030	Intermediate Accounting for Non-Accounting Majors (3) ^{1, 2}	
or	ACC 3010	Intermediate Accounting I (3)	
	ACC 3300	Cost Management (3)	
Elective Requirements:			6 Credits
Choose 6 credits from the following:			6
	ACC 3020	Intermediate Accounting II (3) ²	
	ACC 312G	International Internal Auditing GI (3)	
	ACC 3400	Individual Income Tax (3)	
	ACC 3510	Accounting Information Systems(3) ²	
	ACC 4030	Governmental and Not For Profit Accounting (3)	
	ACC 4310	Advanced Management Accounting (3)	
	ACC 4400	Taxation of Business Entities (3)	

Graduation Requirements:

- Overall grade point average of 2.5 GPA in all Woodbury School of Business courses and no grade lower than a C- in business courses.
- Completion of GE and specified departmental requirements.

NOTES: Students are responsible for completing all prerequisite courses.

Footnote
¹ Only take ACC 3010 if you intend to take ACC 3020 as one of your electives.
² Course may require completion of prerequisite courses not included in the minor.

Accounting, Minor

Careers

- Identify and interpret accounting information to inform users and make decisions.
- Demonstrate knowledge of theories, models, and tools relevant to accounting.

- Analyze current principles and practices of accounting to generate business solutions.

Related Careers

- Accountants and Auditors
- Budget Analysts
- Credit Analysts
- Financial Examiners
- Tax Examiners and Collectors, and Revenue Agents
- Business Teachers, Postsecondary

Accounting, B.S.

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Requirements

This degree offers a balanced theoretical and applied approach to study a broad range of business and accounting disciplines. This includes business topics of marketing, finance, law, operations, and strategy. Following a study of the primary accounting disciplines of financial, managerial, audit, information systems, and tax, students can engage in a more specialized study of internal audit, management accounting, tax, or public accounting/graduate school. Students also develop important business skills in communication, critical thinking, team building, and computer applications.

Total Program Credits: 120

Matriculation Requirements			
To be considered matriculated in the Accounting degree, a student must complete the following courses with at least a C-grade:			
	ACC 2110	Principles of Accounting I	3
and	ACC 2120	Principles of Accounting II	3
or	ACC 2010	Financial Accounting (3)	
and	ACC 2020	Managerial Accounting (3)	
	ACC 2500	Data Analytics in Accounting (3)	3
or	IM 2600	Spreadsheet Applications (3)	
	MKTG 220G	Written Business Communication GI WE	3
	ECON 2010	Principles of Economics I SS	3
	MGMT 2340	Business Statistics I	3
	MGMT 2240	Business Calculus	3
or	MATH 1100	Survey of Calculus QL (4)	
	MGMT 2400	Introduction to Data Analytics for Business Professionals	3
	MKTG 2390	Professional Business Presentations	3
General Education Requirements:			35 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGL 1005	Literacies and Composition Across Contexts CC (5)	
	ENGL 2010	Intermediate Writing Academic Writing and Research CC	3
Complete one of the following:			3
	MATH 1050	College Algebra QL (4)	
or	MATH 1055	College Algebra with Preliminaries QL (5)	

Accounting

or	MATH 1090	College Algebra for Business QL (3)	
or	An Advanced Placement (AP) Calculus AB or BC Test with a score of 3 or higher		
Complete one of the following:			3
	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	
	HIST 1700	American Civilization AS (3)	
	HIST 1740	US Economic History AS (3)	
	POLS 1000	American Heritage SS (3)	
	POLS 1100	American National Government AS (3)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
	HLTH 1100	Personal Health and Wellness TE	
or	EXSC 1097	Fitness for Life TE (2)	2
Distribution Courses:			
	Biology		3
	Physical Science		3
	Additional Biology or Physical Science		3
	Humanities Distribution		3
	Fine Arts Distribution		3
	ECON 2010	Principles of Economics I SS (Fulfills the Social/Behavioral Science Distribution)	3
Discipline Core Requirements:			71 Credits
Business Foundation Courses: (required for matriculation)			
Complete one of the following sequences (Satisfies Business Core accounting requirement). ²			6
	ACC 2110	Principles of Accounting I (3)	
and	ACC 2120	Principles of Accounting II (3)	
or	ACC 2010	Financial Accounting (3)	
and	ACC 2020	Managerial Accounting (3)	
	MKTG 220G	Written Business Communication GI WE ²	3
	MGMT 2240	Business Calculus	3
or	MATH 1100	Survey of Calculus QL (4)	
	MGMT 2340	Business Statistics I	3
	MGMT 2400	Introduction to Data Analytics for Business Professionals	3
	ACC 2500	Data Analytics in Accounting ²	3
or	IM 2600	Spreadsheet Applications (3)	
	MKTG 2390	Professional Business Presentations	3
Business Core Courses:			
	MGMT 3000	Organizational Behavior WE	3
	MGMT 3450	Operations Management ¹	3
	FIN 3100	Principles of Finance ¹	3
	MKTG 3600	Principles of Marketing	3
	MGMT 4860	Business Strategy Formulation and Implementation	3

	MGMT 495R	Executive Lecture Series	1
or	ENTR 493R	Entrepreneurship Lecture Series (1)	
Accounting Core Courses:			
	ACC 2125	Introduction to the Accounting Profession	1
	ACC 2600	Business Law and Ethics	3
or	LEGL 3000	Business Law (3)	
	ACC 3010	Intermediate Accounting I	3
	ACC 3020	Intermediate Accounting II	3
	ACC 312G	International Internal Auditing	3
	ACC 3300	Cost Management	3
	ACC 3400	Individual Income Tax	3
	ACC 3510	Accounting Information Systems	3
Accounting Elective Requirements			
Complete two of the following advanced accounting courses:			6
	ACC 4030	Governmental and Not-For-Profit Accounting (3)	
	ACC 4110	Auditing (3)	
	ACC 4310	Advanced Management Accounting (3)	
	ACC 5020	Advanced Financial Accounting (3)	
Complete one of the following specialized accounting courses:			3
	ACC 4400	Taxation of Business Entities (3)	
	ACC 4050	Financial Statement Analysis (3)	
	ACC 470R	Current Topics in Accounting (3)	
	ACC 481R	Internship (3) (Subject to approval by department chair) (Repeat for up to 3 credits)	
	ACC 5140	Fraud Examination (3)	
Elective Requirements:			14 Credits
	Complete 14 credits of any courses 1000-level or higher		14

Graduation Requirements:

1. Completion of a minimum of 120 semester credits; a minimum of 40 credits must be upper division.
2. Overall grade point average 2.0 or above with a minimum of 2.5 GPA in all Woodbury School of Business courses. No grade lower than a "C-" in core and specialization courses.
3. Residency hours: Minimum of 30 credit hours of business courses through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
4. Completion of GE and specified departmental requirements. Students are responsible for completing all prerequisite courses.
5. Successful completion of at least one Global/Intercultural course.

Footnote

1- Course cannot be taken until student is matriculated

2-Must be completed with a grade of B- or higher.

**Accounting, B.S.
Careers****Program Learning Outcomes**

1. Apply professional accounting standards and regulations appropriately.
2. Analyze accounting data to make informed decisions.
3. Apply general business concepts.

Related Careers

- Accountants and Auditors
- Budget Analysts
- Credit Analysts
- Financial Examiners
- Tax Examiners and Collectors, and Revenue Agents
- Business Teachers, Postsecondary

Accounting Graduate Programs

Degrees & Programs

Master of Accountancy, M.Acc

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Requirements

The Master of Accountancy (MAcc) degree prepares students for professional positions in accounting with potential for advancement throughout their career. It qualifies students for entry-level positions in public accounting, industry, government, and not-for-profit organizations. The MAcc qualifies students to sit for the Uniform CPA Examinations in the State of Utah, a necessary step in becoming a Certified Public Accountant (CPA). It also provides a base to pursue related certifications as Certified Internal Auditor (CIA), Certified Management Accountant (CMA), and Certified Fraud Examiner (CFE). Ultimately, a MAcc can lead to a wide variety of significant leadership positions in accounting and business including CFO and CEO.

Total Program Credits: 30

Matriculation Requirements:			
<ol style="list-style-type: none"> Application for admission to graduate program with application fee by the established deadline. Submit official transcripts from all universities attended. A bachelor's degree from a regionally accredited college/university, a nationally accredited program, or the international equivalent. A 3.0 cumulative undergraduate GPA or a 3.0 GPA calculated on the last 60 semester hours (90 quarter hours) of undergraduate work. For international students whose native language is not English, submit official TOEFL or IELTS band scores. A TOEFL score of 80 iBT (550 pBT) or higher, or an IELTS band score of 6.5 or higher within the past two years is required. International students must also meet all US government requirements for international students. The university uses a selective admissions process for admitting students to graduate programs. Meeting minimum admissions criteria does not guarantee admission to the graduate program or to the University as a graduate student. Required prerequisite classes to the MAcc program must be taken from a regionally accredited U.S. institution or an AACSB International accredited business program. A minimum average GPA of 3.0 in the prerequisite classes is required. No individual grade for a prerequisite class may be a C or lower. Required prerequisite classes include Acc 3300 and 3510 or their equivalents. Required prerequisite classes also include Acc 3010, 3020, 4110, and 3400 or their equivalents which must cover U.S. financial accounting, auditing, and tax standards and regulations. 			
Accounting Certification Core			9 Credits
	ACC 6400	Advanced Taxation of Business Entities	3
	ACC 6510	Financial Auditing	3
	ACC 6560	Financial Accounting Theory and Research I	3
Financial Leadership Core			12 Credits
	ACC 6060	Professionalism and Leadership	3

	ACC 6300	Advanced Data Analytics in Accounting	3
	ACC 6540	Professional Ethics in Accounting and Auditing	3
	ACC 6350	Management Control Systems	3
or	ACC 6600	Business Law for Accountants (3)	
Elective Requirements:			9 Credits
Select 9 semester credits from the following courses:			9
	ACC 6020	Advanced Financial Accounting Applications (3)	
	ACC 6030	Financial Accounting and Reporting (3)	
	ACC 6130	Case Studies in Auditing (3)	
	ACC 6140	Fraud Examination and Forensic Accounting (3)	
	ACC 6150	Information Systems Auditing (3)	
	ACC 6250	Financial Reporting and Analysis (3)	
	ACC 6350	Management Control Systems (3) (if not already taken)	
	ACC 6410	Tax Research and Procedure (3)	
	ACC 6420	Principles of Corporate Tax (3)	
	ACC 6430	Advanced Corporate Tax (3)	
	ACC 6440	Partnership Tax (3)	
	ACC 6460	Estate and Gift Tax (3)	
	ACC 6580	Financial Accounting Theory and Research II (3)	
	ACC 6600	Business Law for Accountants (3) (if not already taken)	
	ACC 6610	Financial Statement Research and Analysis (3)	
	ACC 679R	Special Topics in Accounting (3)	
Other master's level course as approved by the program			

Graduation Requirements:

- A minimum of 30 credit hours shall be completed.
- Graduate coursework shall be completed within a six-year period.
- Credit for courses in which a student earns a grade of C- or lower shall not be applied toward any master's degree or graduate certificate program.
- A cumulative grade point average of 3.0 or higher shall be maintained in graduate program courses.
- Graduate credits accepted from another regionally accredited institution or equivalent shall have been completed within four years of the graduate student's matriculation into the graduate program and cannot be older than six years at the time of graduation with a master's degree or graduate certificate from the University.
- A minimum of 20 of graduate credit hours must be completed at Utah Valley University.

Master of Accountancy, M.Acc Careers

- Perform accounting, auditing, and taxation responsibilities expected of newly licensed Certified Public Accountants.
- Analyze accounting information to provide recommendations and solutions to business decisions and challenges.

3. Demonstrate professionalism through interpersonal skills and collaboration.
4. Formulate accounting and auditing solutions based on ethical principles.

Related Careers

- Accountants and Auditors
- Budget Analysts
- Credit Analysts
- Financial Examiners
- Tax Examiners and Collectors, and Revenue Agents
- Business Teachers, Postsecondary

Air Force and Army ROTC

Degrees & Programs

Military Science, Minor

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Requirements

The ROTC program at UVU trains and prepares cadets to commission and become officers in the United States Army. Classes taught in the program include Army history and structure, small unit tactics and movement techniques, leadership and management techniques and strategies, and physical fitness. The program is designed to be complementary to a school environment, with the emphasis placed on school completion and graduation. Upon completion of their college degree, cadets will also commission as second lieutenants in the United States Army, becoming junior leaders in their respective organizations.

Total Program Credits: 20

Matriculation Requirements:			
1. Admitted to a bachelor degree program at UVU.			
Minor Core Requirements:			20 Credits
	MILS 1200	Introduction to Leadership Excellence I	2
	MILS 1210	Introduction to Leadership Excellence II	2
	MILS 2200	Introduction to Leadership Excellence II	2
	MILS 2210	Advanced Organizational Leadership II	2
	MILS 3200	Small Unit Leadership I	3
	MILS 3210	Small Unit Leadership II	3
	MILS 4200	The Profession of Arms I	3
	MILS 4210	The Profession of Arms II	3

Graduation Requirements:

Military Science, Minor

Careers

1. Give cadets a strong foundation of leadership and critical thinking skillsets.
2. Provide cadets with an understanding of tactics and military doctrine.
3. Prepare cadets to commission as officers and leaders in the United States Army

Related Careers

- NO MATCH

ESKELSON, Max *Assistant Professor*
KNIGHT, Dianne *Associate Professor*
PRESTON, Karen *Associate Professor*
ROSE, Kelly *Assistant Professor*
WILSON, Sandra *Associate Professor*
YOUNG, Kathleen M. *Assistant Professor*

Dental Hygiene, A.A.S.

Requirements

Dental hygienists examine patients for signs of oral diseases, such as gingivitis, and provide preventive care, including oral hygiene. Working in a private dental office continues to be the primary place of employment for dental hygienists. For today's dental hygiene professional, there are many other career pathways to explore as well. Employment of dental hygienists is projected to grow 6 percent from 2019 to 2029, faster than the average for all occupations. The demand for dental services will increase as the population ages and as research continues to link oral health to overall health.

Matriculation Requirements:			
<ol style="list-style-type: none"> 1. ENGL 1010 Introduction to Academic Writing or ENGH 1005 Literacies and Composition Across Contexts, CHEM 1110 Elementary Chemistry for the Health Sciences, BIOL 1610 College Biology, ZOOL 2320 Human Anatomy /ZOOL 2325 Human Anatomy Lab and ZOOL 2420 Human Physiology/ZOOL 2425 Human Physiology Lab with a minimum of a "C" grade or higher 2. Complete the HSRT - Health Science Reasoning Test. 3. Complete 20 hours of clinical/dental office observation. 4. Submit two letters of reference by either a current supervisor/ employer or academic instructor. 5. Submit a 2 page essay on topic provided by department. 6. Submit the Dental Hygiene Application Fee by February 1. 7. Complete interview process and be formally accepted into program. 			
General Education Requirements:			27 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGH 1005	Literacies and Composition Across Context CC (5)	
Complete one of the following:			3
	MAT 1030	Quantitative Reasoning QL (3)	
	MAT 1035	Quantitative Reasoning with Integrated Algebra QL (6)	
	MATH 1050	College Algebra QL (4)	
	MATH 1055	College Algebra with Preliminaries QL (5)	
	STAT 1045	Introduction to Statistics with Algebra QL (5)	
	STAT 1040	Introduction to Statistics QL (3)	

Distribution Courses			
	BIOL 1610	College Biology I BB	4
	CHEM 1110	Elementary Chemistry for the Health Sciences PP	4
	COMM 1020	Public Speaking HH	3
	PSY 1010	General Psychology SS	3
	SOC 1010	Introduction to Sociology SS	3
	MICR 2060	Microbiology for Health Professions BB	3
	MICR 2065	Microbiology for Health Professions Laboratory	1
Discipline Core Requirements:			57 Credits
Complete the following:			
	ZOOL 2320	Human Anatomy BB	3
	ZOOL 2325	Human Anatomy Laboratory	1
	ZOOL 2420	Human Physiology	3
	ZOOL 2425	Human Physiology Laboratory	1
	NUTR 1020	Foundations of Human Nutrition	3
	DENT 1010	Dental Hygiene I	3
	DENT 1015	Dental Hygiene I Preclinical lab	2
	DENT 1020	Oral Anatomy and Physiology	4
	DENT 1030	Dental Materials	2
	DENT 1040	Dental Hygiene II	3
	DENT 1045	Dental Hygiene II Clinical	3
	DENT 1050	Clinical Dental Radiography	1
	DENT 1055	Clinical Dental Radiography Lab	1
	DENT 1060	General and Oral Pathology	2
	DENT 1070	Medical Emergencies in the Dental Office	2
	DENT 2020	Dental Pharmacology	3
	DENT 206G	Oral Public Health	3
	DENT 3010	Dental Anesthesiology	3
	DENT 3015	Dental Hygiene III Clinical	4
	DENT 3030	Periodontology	3
	DENT 3040	Dental Hygiene IV	2
	DENT 3045	Dental Hygiene IV Clinical	4
	DENT 3050	Dental Hygiene Seminar	1

Graduation Requirements:

1. Completion of a minimum of 84 semester credits.
2. Overall grade point average of 2.5 or above. All courses must have "C" or higher.
3. Residency hours: minimum of 20 credit hours through course attendance at UVU.
4. Completion of GE and specified departmental requirements.

Dental Hygiene, A.A.S.

Careers

1. UVUDH graduates will be able to execute all steps in the dental hygiene process of care.

Allied Health

- UVUDH graduates will be able to apply a professional code of ethics which complies with Federal and State laws.
- UVUDH graduates will be able to provide health promotion and education services in public health and alternative settings.
- UVUDH graduates will be able to successfully graduate and affiliate with professional organizations.
- UVUDH graduates will be able to perform self-assessment for professional growth and lifelong learning.

Related Careers

- Health Specialties Teachers, Postsecondary
- Dental Hygienists

Healthcare Services, A.A.S.

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Requirements

The Associate in Applied Science in Healthcare Services is designed for individuals working in a health-related area who have obtained, or are working toward a technical certification, license, etc. Many of these students will be looking for a pathway to allow them better upward mobility in their professions or education to help them become a certified health professional. Students initially finish a program at Mountainland Technical College to develop a portfolio that presents licenses and work-related certifications as well as provides a rationale for receiving technical, experiential credit. Students matriculating into UVU's AAS program will add to their portfolio core courses that provide fundamental knowledge of health professions, human anatomy and physiology, as well as elective courses; students enhance their technical knowledge and skills in one or more health-related areas (e.g. surgical technician, medical assistant, and medical billing and coding).

Total Program Credits: 64

Matriculation Requirements:		
Completion of an approved MTECH articulated certificate		
General Education Requirements:		17 Credits
	Complete one of the following:	3
	ENGL 1010	Introduction to Academic Writing
or	ENGH 1005	Literacies and Composition Across Context (5)
Complete one of the following:		3
	MAT 1010	Intermediate Algebra (4)
	MAT 1030	Quantitative Reasoning (3)
	MAT 1035	Quantitative Reasoning with Integrated Algebra (6)
	STAT 1040	Introduction to Statistics (3)
	STAT 1045	Introduction to Statistics with Algebra (5)
	MATH 1050	College Algebra (4)
	MATH 1055	College Algebra with Preliminaries (5)

	Any Humanities or Fine Arts Distribution	3
	Any Social Science Distribution	3
	BIOL 1010	General Biology 3
or	BIOL 1610	College Biology I (4)
	HLTH 1100	Personal Health and Wellness 2
or	EXSC 1097	Fitness for Life (2)
Healthcare Services Core:		35 Credits
	HLTH 2200	Introduction to Health Professions 2
	ZOOL 1090	Introduction to Human Anatomy and Physiology 3
30 credit hours of R473 articulation agreement		30
Healthcare Services Electives:		12 Credits
	HLTH 2400	Concepts of Stress Management (3)
	HLTH 2600	Drugs Behavior and Society (3)
	BIOL 1610	College Biology I (4)
	BIOL 1615	College Biology I Laboratory (1)
	CHEM 1110	Elementary Chemistry for the Health Sciences (4)
	DENT 1000	Introduction to Dental Professions (1)
	ESEC 1013	Emergency Medical Response (3)
	ESEC 1140	Emergency Medical Technician Basic (9)
	IM 1010	Basic Computer Applications (3)
	IM 2010	Business Computer Proficiency (3)
	NUTR 1020	Foundations of Human Nutrition (3)
	ACC 2010	Financial Accounting (3)
	ACC 2020	Managerial Accounting (3)
	RESP 1540	Survey of Respiratory Therapy (1)

	MKTG 220G	Written Business Communication WE (3)	
	PSY 1010	General Psychology (3)	
	PSY 1100	Human Development Life Span (3)	
	SOC 1010	Introduction to Sociology (3)	
	ZOOL 2320	Human Anatomy (3)	
	ZOOL 2325	Human Anatomy Laboratory (1)	
	ZOOL 2420	Human Physiology (3)	
	ZOOL 2425	Human Physiology Laboratory (1)	

Graduation Requirements:

1. Complete a minimum of 64 semester credits.
2. Overall grade point average of 2.0 (C) or above. All Health Service core electives must be completed with a C- or higher.
3. Residency hours - minimum of 20 credit hours through course attendance at UVU.
4. Completion of GE and specified departmental requirements.
5. Completion of an approved and articulated MTECH certificate

Healthcare Services, A.A.S.**Careers**

1. Utilize the specialized knowledge and skills necessary in various health professions
2. Develop effective strategies in communicating ethically and culturally sensitive information that engage individuals and communities in the promotion of health policies, programs, and interventions.
3. Recognize basic anatomy and physiology.

Respiratory Therapy, A.A.S.

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Requirements

An Associate of Applied Science in Respiratory Therapy consists of comprehensive classroom and clinical curricula that prepares students for matriculation into the BS Respiratory Therapy program and credentialing exam offered by the National Board of Respiratory Care (NBRC). The NBRC is the credentialing arm of the American Association of Respiratory Care. Successful completion of the curriculum and the credentialing exam certifies students as a Registered Respiratory Therapist (RRT) and enables them to apply for licensure in their state of residence. Employment opportunities with health care providers range from home health and hospice to neonatal, pediatric, and adult intensive care units in UVU's service area and across the country.

Total Program Credits: 72

Matriculation Requirements:**1. Complete the following coursework:**

- College English
- Quantitative Literacy
- Personal Health and Wellness
- Microbiology with lab (4 credits)
- College Biology with lab (5 credits)
- Chemistry (4 credits)
- Human Anatomy with lab (4 credits)
- Human Physiology with lab (4 credits)
- Physics
- Survey of Respiratory Therapy
- Note: Must pass all general education and pre-requisite courses with a minimum of a "C" grade or higher

2. Complete the Test of Academic Skills (TEAS)**3. Submit Application Fee and Application by the third Friday in September**

4. Personal Interview: All candidates will be screened and those deemed to meet or exceed basic application requirements will be invited for an interview. This interview does not guarantee acceptance into the program as students will compete with all other applicants for matriculation into a cohort. Applicants must bring a photo ID to the interview.

5. Other Determining Factors

- Prior healthcare experience (preferred, but not required)
- Shadowing opportunity (recommended)
- Discipline for academic performance
- Successful completion of a background check
- Drug Screen

General Education Requirements:	27 Credits
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Complete one of the following:

	ENGL 1010	Introduction to Academic Writing CC (3)	3
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or	ENGL 101H	Introduction to Writing CC (3)	
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or	ENGL 1005	Literacies and Composition Across Contexts CC (5)	
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	ENGL 2010	Intermediate Academic Writing CC	3
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Complete one of the following:	3
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	MAT 1030	Quantitative Reasoning QL (3)	
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	MAT 1035	Quantitative Reasoning with Integrated Algebra QL (6)	
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	STAT 1040	Introduction to Statistics QL (3)	
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	STAT 1045	Introduction to Statistics with Algebra QL (5)	
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	MATH 1050	College Algebra QL (4) (or higher QL math course)	
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	MATH 1055	College Algebra with Preliminaries QL (5)	
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Complete One of the following	2
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	HLTH 1100	Personal Health and Wellness TE (2) (Highly recommended)	
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	EXSC 1097	Fitness for Life TE (2)	
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Distribution Courses:

	PSY 1100	Human Development Life Span SS	3
or	PSY 1010	General Psychology SS	

	BIOL 1610	College Biology I BB	5
and	BIOL 1615	College Biology I Laboratory	
	CHEM 1110	Elementary Chemistry for the Health Sciences PP	4
or	CHEM 1210	Principles of Chemistry I PP	
	MICR 2060	Microbiology for Health Professions BB	4
and	MICR 2065	Microbiology for Health Professions Laboratory	
Discipline Core Requirements:			45 Credits
Complete one of the following:			4
	ZOOL 2320	Human Anatomy BB (3.0)	
and	ZOOL 2325	Human Anatomy Laboratory (1.0)	
	ZOOL 232H	Human Anatomy BB (3.0)	
and	ZOOL 232L	Human Anatomy Laboratory (1.0)	
Complete the following:			
	ZOOL 2420	Human Physiology	3
and	ZOOL 2425	Human Physiology Laboratory	1
	PHYS 1010	Elementary Physics	3
	RESP 1540	Survey of Respiratory Therapy	1
Must be accepted into Program to take these Courses			
	RESP 2145	Fundamentals of Respiratory Care Lab	3
	RESP 2165	Mechanical Ventilation Lab	2
	RESP 2210	Cardiopulmonary and Renal Anatomy and Physiology I	3
	RESP 2230	Cardiopulmonary Pathophysiology I	2
	RESP 2250	Basic Patient Assessment	2
	RESP 2270	Application of Cardiopulmonary Diagnostics	3
	RESP 2300	Fundamentals of Respiratory Care	3
	RESP 2320	Mechanical Ventilation I	3
	RESP 2330	Entry Level Respiratory Therapy Review	1
	RESP 2420	Critical Thinking in Respiratory Care	2
	RESP 2520	Principles of Pharmacology	2
	RESP 2705	Clinical Practice I	3
	RESP 2715	Specialty Clinical Experiences	1
	RESP 2725	Clinical Practice II	3

Graduation Requirements:

1. Completion of a minimum of 72 semester credits
2. Must earn a C or higher in ALL Respiratory Therapy discipline courses, general education courses, and pre-requisite courses.
3. Residency hours: minimum of 20 credit hours through course attendance at UVU.
4. Completion of specified departmental requirements.

Respiratory Therapy, A.A.S.

Careers

1. Work effectively as a team member with physicians, nurses, therapists and patients as an integral part of the medical community.

2. Make correct interventional medical decisions based on assessment of patient needs and diagnosis within the scope of therapist driven protocols.
3. Comply with the ethical and legal parameters of HIPAA in the use and disclosure patients' health information.

Related Careers

- Health Specialties Teachers, Postsecondary
- Respiratory Therapy
- Respiratory Therapy Technicians

Dental Hygiene, B.S.

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Requirements

Dental hygienists examine patients for signs of oral diseases, such as gingivitis, and provide preventive care, including oral hygiene. Working in a private dental office continues to be the primary place of employment for dental hygienists. For today's dental hygiene professional, there are many other career pathways to explore as well. Employment of dental hygienists is projected to grow 6 percent from 2019 to 2029, faster than the average for all occupations. The demand for dental services will increase as the population ages and as research continues to link oral health to overall health.

Total Program Credits: 121

Matriculation Requirements:			
1. Complete ENGL 1010 or ENGH 1005, CHEM 1110, BIOL 1610, ZOOL 2320/ZOOL 2325, and ZOOL 2420/ZOOL 2425with a minimum of a "C" grade or higher.			
2. Complete the HSRT - Health Science Reasoning Test.			
3. Complete 20 hours of clinical/dental office observation.			
4. Submit two letters of reference by either a current supervisor/ employer or academic instructor.			
5. Submit a 2 page essay on topic provided by department.			
6. Submit the Dental Hygiene Application Fee and Application by February 1.			
7. Complete interview process and be formally accepted into program.			
General Education Requirements:			37 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGH 1005	Literacies and Composition Across Contexts CC (5)	
	ENGL 2010	Intermediate Academic Writing CC	3
Complete one of the following:			3
	MAT 1030	Quantitative Reasoning QL (3)	
	MAT 1035	Quantitative Reasoning with Integrated Algebra QL (6)	
	MATH 1050	College Algebra QL (4)	
	MATH 1055	College Algebra with Preliminaries QL (5)	
	STAT 1040	Introduction to Statistics QL (3)	
	STAT 1045	Introduction to Statistics with Algebra QL (5)	
Complete one of the following:			3
	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	

	HIST 1700	American Civilization AS (3)	
	HIST 1740	US Economic History AS (3)	
	POLS 1000	American Heritage SS (3)	
	POLS 1100	American National Government AS (3)	
Complete the following:			
	PHIL 2050	Ethics and Values IH (3)	
or	PHIL 205G	Ethics and Values IH GI (strongly suggested)	3
	HLTH 1100	Personal Health and Wellness TE (2)	
or	EXSC 1097	Fitness for Life TE	2
Distribution Courses:			
	CHEM 1110	Elementary Chemistry for the Health Sciences PP (fulfills Physical Science)	4
	BIOL 1610	College Biology I BB	4
	MICR 2060	Microbiology for Health Professions BB	3
	Fine Arts		3
	SOC 1010	Introduction to Sociology SS (fulfills Social/Behavioral Science)	3
	COMM 1020	Public Speaking HH	3
Discipline Core Requirements:			74 Credits
Complete the following:			
	MICR 2065	Microbiology for Health Professions Laboratory	1
	PSY 1010	General Psychology SS	3
	ZOOL 2320	Human Anatomy BB	3
	ZOOL 2325	Human Anatomy Laboratory	1
	ZOOL 2420	Human Physiology	3
and	ZOOL 2425	Human Physiology Laboratory	1
	NUTR 1020	Foundations of Human Nutrition	3
	DENT 1010	Dental Hygiene I	3
	DENT 1015	Dental Hygiene I Preclinical lab	2
	DENT 1020	Oral Anatomy and Physiology	4
	DENT 1030	Dental Materials	2
	DENT 1040	Dental Hygiene II	3
	DENT 1045	Dental Hygiene II Clinical	3
	DENT 1050	Clinical Dental Radiography	1
	DENT 1055	Clinical Dental Radiography Lab	1
	DENT 1060	General and Oral Pathology	2
	DENT 1070	Medical Emergencies in the Dental Office	2
	DENT 2020	Dental Pharmacology	3
	DENT 206G	Oral Public Health GI	3
	DENT 3010	Pain Management	3
	DENT 3015	Dental Hygiene III Clinical	4
	DENT 3030	Periodontology	3
	DENT 3040	Dental Hygiene IV	2
	DENT 3045	Dental Hygiene IV Clinical	4

	DENT 3050	Ethics and Practice Management	1
	DENT 3060	Advanced Dental Hygiene Public Health	3
	DENT 3200	Teaching the Dental Hygiene Patient WE	3
	DENT 4200	Teaching the Dental Hygiene Student	3
	DENT 4300	Dental Hygiene Capstone	1
	DENT 489R	Undergraduate Research in Dental Hygiene WE	3
or	HLTH 4600	Research Methods for Public Health WE (3)	
Elective Requirements			10 Credits
Take 10 credits from the following electives:			10
	DENT 3100	Office and Private Practice for the Dental Hygienist (3)	
	DENT 406G	Global Community Health Project GI (3)	
	DENT 481R	Internship in Dental Hygiene (1-4)	
	DENT 490R	Special Topics in Dental Hygiene (3)	
	ENTR 3170	Entrepreneurship and Opportunity Validation (3)	
	HLTH 3200	Principles of Community Health (3)	
	HLTH 3260	Theory-Based Approaches to Modifying Health Behavior (3)	
	HLTH 3700	Grant Writing WE (3)	
	HLTH 3800	Epidemiology (3)	
	HLTH 4200	Health Education Teaching Methods WE (3)	
	HLTH 4300	Health Ethics (3)	
	HLTH 440G	Health and Diversity GI (3)	
	HLTH 4500	Healthcare Administration (3)	
	MGMT 3000	Organizational Behavior WE (3)	
	MKTG 3600	Principles of Marketing (3)	
	SOC 3430	Sociology of Education (3)	
	Other advisor approved upper division elective		

Graduation Requirements:

1. Completion of a minimum of 121 semester credits
2. All courses must have a grade of "C" or higher.
3. Residency hours: minimum of 30 credit hours through course attendance at UVU, with 10 hours earned during the last 45 hours
4. Completion of GE and specified departmental requirements
5. A minimum of 40 upper division credit hours
6. Successful completion of at least one Global/Intercultural course.

Dental Hygiene, B.S.**Careers**

1. UVUDH graduates will be able to execute all steps in the dental hygiene process of care.
2. UVUDH graduates will be able to apply a professional code of ethics which complies with Federal and State laws.
3. UVUDH graduates will be able to provide health promotion and education services in public health and alternative settings.
4. UVUDH graduates will be able to successfully graduate and affiliate with professional organizations.

5. UVUDH graduates will be able to perform self-assessment for professional growth and lifelong learning.

Related Careers

- Health Specialties Teachers, Postsecondary
- Dental Hygienists

Respiratory Therapy, B.S.

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Requirements

The BSRT includes five semesters of course study after completion of the first two years of undergraduate curriculum. The program is designed to provide students with educational and clinical competence by emphasizing advanced clinical knowledge, critical thinking, and versatility. Students are engaged in the theoretical, practical, and clinical aspects of adult, pediatric, and neonatal respiratory care. They gain a well-rounded and in-depth knowledge base of respiratory clinical science and its application in health care.

Total Program Credits: 124

Matriculation Requirements:		
Unless students already have an RRT Certification and associate's degree, the following matriculation requirements may apply.		
1. Complete the following coursework:		
<ul style="list-style-type: none"> • College English (6 credits) • Quantitative Literacy • Personal Health and Wellness • Microbiology with lab (4 credits) • College Biology with lab (5 credits) • Chemistry (4 credits) • Human Anatomy with lab (4 credits) • Human Physiology with lab (4 credits) • Physics • Survey of Respiratory Therapy <ul style="list-style-type: none"> • Note: Must pass all general education and pre-requisite courses with a minimum of a "C" grade or higher 		
2. Complete the Test of Academic Skills (TEAS)		
3. Submit the Respiratory Therapy Application Fee and Application by the third Friday in September		
4. Personal Interview: All candidates will be screened and those deemed to meet or exceed basic application requirements will be invited for an interview. This interview does not guarantee acceptance into the program as students will compete with all other applicants for matriculation into a cohort. Applicants must bring a photo ID to the interview.		
5. Other Determining Factors		
<ul style="list-style-type: none"> • Prior healthcare experience (preferred, but not required) • Shadowing opportunity (recommended) • Discipline for academic performance • Successful completion of background check • Drug Screen 		
General Education Requirements:		39 Credits
	ENGL 2010 Intermediate Academic Writing CC	3
Complete one of the following:		3
	ENGL 1010 Introduction to Academic Writing CC (3)	

or	ENGL 101H	Introduction to Writing CC (3)	
or	ENGH 1005	Literacies and Composition Across Contexts CC (5)	
Complete one of the following:			3
	MAT 1030	Quantitative Reasoning QL (3)	
	MAT 1035	Quantitative Reasoning with Integrated Algebra QL (6)	
	STAT 1040	Introduction to Statistics QL (3)	
	STAT 1045	Introduction to Statistics with Algebra QL (5)	
	MATH 1050	College Algebra QL (4) (or higher QL math course)	
	MATH 1055	College Algebra with Preliminaries QL (5)	
Complete one of the following:			3
	HIST 1700	American Civilization AS (3)	
	HIST 170H	American Civilization AS (3)	
	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	
	HIST 270H	US History to 1877 AS (3)	
and	HIST 271H	US History since 1877 AS (3)	
	POLS 1000	American Heritage SS (3)	
	POLS 1100	American National Government AS (3)	
Complete the following:			
	PHIL 205G	Ethics and Values IH GI	3
	HLTH 1100	Personal Health and Wellness TE (2)	
or	EXSC 1097	Fitness for Life TE (2)	
Distribution Courses:			
	MICR 2060	Microbiology for Health Professions BB	4
and	MICR 2065	Microbiology for Health Professions Laboratory	
	CHEM 1110	Elementary Chemistry for the Health Sciences PP	4
or	CHEM 1210	Principles of Chemistry I PP (4)	
	BIOL 1610	College Biology I BB	5
and	BIOL 1615	College Biology I Laboratory	
Humanities Distribution			3
Fine Arts Distribution			3
	PSY 1010	General Psychology SS	3
or	PSY 1100	Human Development Life Span SS (3)	
Discipline Core Requirements:			85 Credits
Complete the following:			
	ZOOL 2320	Human Anatomy BB	3
	ZOOL 2325	Human Anatomy Laboratory	1
	ZOOL 2420	Human Physiology	3
	ZOOL 2425	Human Physiology Laboratory	1
	PHYS 1010	Elementary Physics PP	3
	RESP 1540	Survey of Respiratory Therapy	1

Must be accepted into Respiratory Therapy Program to take the following courses.

RESP 2145	Fundamentals of Respiratory Care Lab	3
RESP 2165	Mechanical Ventilation Lab	2
RESP 2210	Cardiopulmonary and Renal Anatomy and Physiology I	3
RESP 2230	Cardiopulmonary Pathophysiology I	2
RESP 2250	Basic Patient Assessment	2
RESP 2270	Application of Cardiopulmonary Diagnostics	3
RESP 2300	Fundamentals of Respiratory Care	3
RESP 2320	Mechanical Ventilation I	3
RESP 2330	Entry Level Respiratory Therapy Review	1
RESP 2420	Critical Thinking in Respiratory Care	2
RESP 2520	Principles of Pharmacology	2
RESP 2705	Clinical APractice I	3
RESP 2715	Specialty Clinical Experiences	1
RESP 2725	Clinical Practice II	3

All lower Division RESP courses must be complete before enrolling in RESP upper division courses.

RESP 3210	Cardiopulmonary and Renal Anatomy and Physiology II	2
RESP 3220	Cardiopulmonary Pathophysiology II	2
RESP 3260	Neonatal/Pediatric Critical Care	3
RESP 3265	Neonatal/Pediatric Critical Care Lab	1
RESP 3270	Adult Critical Care	2
RESP 3280	Extended Care Roles for Respiratory Therapists	2
RESP 3320	Mechanical Ventilation II	4
RESP 3430	Principles of Healthcare Education and Disease Management WE	3
RESP 3765	Clinical Practice III Neonatal/Pediatric Respiratory Therapy Clinical	2
RESP 3785	Extended Roles in Respiratory Therapy Clinical	2
NURS 4120	Rapid Response Concepts Across the Lifespan	1
or RESP 4940	Special Topics in Respiratory Therapy (1)	
RESP 4610	Advanced Patient Assessment WE	3
RESP 4640	Respiratory Therapy Capstone	2
RESP 4775	Clinical Practice IV Adult Critical Care	4
RESP 4800	Respiratory Therapy Seminar	3
RESP 4890	Principles of Respiratory Care Research and Management	3

Graduation Requirements:

1. Completion of a minimum of 124 semester credits, including at least 40 hours of upper-division credits.
2. Must earn a C or higher in ALL Respiratory Therapy discipline courses, general education courses, and pre-requisite courses.
3. Completion of GE and specified departmental requirements.

4. Residency hours--minimum of 30 credit hours through course attendance at UVU.
5. Successful completion of at least one Global/Intercultural course.

Respiratory Therapy, B.S. Careers

1. Work effectively as a team member with physicians, nurses, therapists and patients as an integral part of the medical community.
2. Make correct interventional medical decisions based on assessment of patient needs and diagnosis within the scope of therapist driven protocols.
3. Comply with the ethical and legal parameters of HIPAA in the use and disclosure patients' health information.

Related Careers

- Health Specialties Teachers, Postsecondary
- Respiratory Therapy
- Respiratory Therapy Technicians

Architecture and Engineering Design

DEPARTMENT CHAIR

SMITH, Sidney D. *Associate Professor*

FACULTY

ALLRED, Jonathan *Assistant Professor*

BARKER, David B. *Assistant Professor*

HEAL, Stanley *Lecturer*

JOHNSON, Jeffrey *Lecturer*

MCMULLIN, Paul *Assistant Professor*

MILES, Christopher *Lecturer*

PERRY, Danial L. *Professor*

PRICE, Robert D. *Associate Professor*

RO, Brandon *Assistant Professor*

SELVARAJAN, Sowmya *Associate Professor*

SMITH, Sidney D. *Associate Professor*

SNIDER, Marika *Assistant Professor*

TAYLOR, Darin *Professor*

Degrees & Programs

Engineering Design Technology, A.A.S.

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Requirements

The Associate in Applied Science Degree is a "job ready" degree and applies the technical and functional elements of several Drafting and Design fields. Students will take courses in the fundamentals of drafting and design, industry standard two-dimensional and three-dimensional software, Architectural Design, Civil Design and Surveying, Electrical Design, Mechanical Design, and Structural Steel Detailing and Design. Students will take other supporting classes and advanced courses in a minimum of two specialty areas of their choosing.

Total Program Credits: 65

General Education Requirements:		19 Credits
English:		3
	ENGL 1010 Introduction to Academic Writing CC (3)	
or	ENGH 1005 Literacies and Composition Across Contexts CC (5)	
or	MKTG 220G Written Business Communication GI WE (3)	
Mathematics:		
	EGDT 1600 Technical Math Algebra	3
or	MATH 1050 College Algebra QL (4)	
or	MATH 1055 College Algebra with Preliminaries QL (5)	
	EGDT 1610 Technical Math Geometry Trig	3
or	MATH 1060 Trigonometry QL (3)	
Humanities/Fine Arts/ Foreign Language:		3

	PHIL 2050 Ethics and Values IH (3)	
or	Any approved Humanities, Fine Arts, or Foreign Language Distribution Course	
Social and Behavioral Science:		3
	Any approved Social Science	
Biology or Physical Science:		3
	PHYS 1010 Elementary Physics PP	
Physical Education/Health/Safety or Environment:		1
	Any approved Physical Education, Health, Safety or Environment Course	
Discipline Core Requirements:		37 Credits
	EGDT 1010 Electrical Drafting and Design	3
	EGDT 1020 3D Architectural Modeling	3
	EGDT 1040 Fundamentals of Technical Engineering Drawing	3
	EGDT 1070 3 Dimensional Modeling--Inventor	3
or	EGDT 1071 3 Dimensional Modeling--Solidworks (3)	
	EGDT 1100 Architectural Drafting and Desig	3
	EGDT 1200 Mechanical Drafting	3
	EGDT 1300 Structural Drafting	3
	EGDT 1400 Surveying Applications and Field Techniques I	3
	EGDT 2020 Descriptive Geometry	3
	EGDT 2040 Piping Drafting	2
	EGDT 2600 Applied Structures I - Statics	3
	EGDT 2610 Applied Structures II - Strength of Materials	3
	EGDT 285R AEC Design Lecture Series	0.5
	EGDT 2860 Cooperative Correlated Instruction/ SkillsUSA	0.5
	EGDT 2870 Portfolio and Career Preparation	1
Elective Requirements:		9 Credits
Choose a minimum of three courses from the following list for a minimum of 9 credits:		9
	EGDT 2010 Advanced Electrical--CAD (2)	
	EGDT 2100 Architecture Materials and Methods (3)	
	EGDT 2200 Advanced Mechanical (3)	
	EGDT 2300 Advanced Structural--CAD (3)	
	EGDT 2400 Surveying Applications and Field Techniques II (3)	
	EGDT 2500 3 Dimensional Modeling--Civil 3D (3)	
	EGDT 281R Internship (1-3)	

Graduation Requirements:

1. Completion of a minimum of 65 semester credits.
2. Overall grade point average of 2.0 (C) or above. (Departments may require a higher GPA.)
3. Residency hours-- minimum of 20 credit hours through course attendance at UVU.
4. Completion of GE and specified departmental requirements, including a portfolio and exit interview.

Engineering Design Technology, A.A.S.

Careers

1. Demonstrate knowledge of structural steel design and the AISC Standards
2. Demonstrate knowledge of mechanical design and engineering reference materials (Machinery's Handbook)
3. Demonstrate knowledge of architectural design, building codes, and construction methods and materials
4. Demonstrate knowledge of electrical design and the basic concepts of electricity and electronics
5. Demonstrate knowledge of civil design and related construction methods and materials
6. Demonstrate knowledge of surveying, surveying equipment, technology, and procedures
7. Demonstrate knowledge of algebra, trigonometry, plane and solid geometry, statics, and strength of materials
8. Combine cross disciplinary knowledge to solve predictable and unpredictable engineering design problems while utilizing the latest technologies available
9. Create quality, industry level design drawings for the various design disciplines
10. Use industry standard design software when producing design drawings
11. Cultivate an elevated commitment to work ethic, quality, productivity, and service

Related Careers

- Architectural and Civil Drafters
- Electrical and Electronics Drafters
- Mechanical Drafters
- Drafters, All Other

Engineering Design Technology, A.S.

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Requirements

The Associate in Science Degree is a transferable degree and applies the technical and functional elements of several Drafting and Design fields without taking the advanced course work required in the Associate in Applied Science Degree. Students will take fundamental courses in drafting and design, industry standard two-dimensional and three-dimensional software, Architectural Design, Civil Design and Surveying, Electrical Design, Mechanical Design, and Structural Steel Detailing and Design.

Total Program Credits: 61

General Education Requirements:		35 Credits
	ENGL 1010 Introduction to Academic Writing CC	3
or	ENGL 1005 Literacies and Composition Across Context CC (5.0)	
	ENGL 2010 Intermediate Academic Writing CC	3
Complete one of the following:		3
	MAT 1030 Quantitative Reasoning QL (3.0)	
	MAT 1035 Quantitative Reasoning with Integrated Algebra QL (6.0)	
	STAT 1040 Introduction to Statistics QL (3.0)	
	STAT 1045 Introduction to Statistics with Algebra QL (5.0)	

	MATH 1050 College Algebra QL (4.0) (MATH 1050 is a prerequisite for many classes in the program core.)	
	MATH 1055 College Algebra with Preliminaries QL (5.0)	
	MATH 1090 College Algebra for Business QL (3.0)	
Complete one of the following:		3
	HIST 1700 American Civilization AS (3.0)	
	HIST 1740 US Economic History AS (3.0)	
	HIST 2700 US History to 1877 AS (3.0)	
and	HIST 2710 US History since 1877 AS (3.0)	
	POLS 1000 American Heritage SS (3.0)	
	POLS 1100 American National Government AS (3.0)	
Complete the following:		
	PHIL 2050 Ethics and Values IH	3
	HLTH 1100 Personal Health and Wellness TE	2
or	EXSC 1097 Fitness for Life TE (2.0)	
Complete the following:		
	PHYS 1010 Elementary Physics PP	3
or	PHYS 2010 College Physics I PP	3
Complete the following distribution courses:		
	Biology (Recommend BIOL 1010 General Biology)	3
	Humanities (Recommend ENGL 2100 Technical Communication HH)	3
	Social/Behavioral Science (Recommend COMM 1050 Introduction to Speech Communication)	3
	Physical Science (Recommend GEO 1010 Introduction to Geology)	3
	Fine Arts Distribution (Recommend EGDT 1720 Architectural Rendering)	3
Discipline Core Requirements:		26 Credits
Complete a minimum of 26 credits from the following tracks:		26
Architectural Drafting and Design Track. (Students select this track if interested in a career in architectural drafting and design. Students also take these classes as part of the Bachelor of Architecture degree.)		
	EGDT 1020 3D Architectural Modeling (3)	
	EGDT 1040 Fundamentals of Technical Engineering Drawing	
	EGDT 1100 Architectural Drafting and Design (3)	
	EGDT 2100 Architecture Materials and Methods (3)	
	EGDT 2600 Applied Structures I - Statics (3) (MATH 1050 is a prerequisite for this course)	
	ARC 1010 Classical Architecture Workshop (3)	
	ARC 2110 Architecture Studio I (4)	
	ARC 2210 Architecture Studio II (4)	
	ARC 2220 Construction Documents and Specifications (3)	
Civil Drafting and Design Track. (Students select this track if interested in a career in civil drafting and design. Students may also apply these		

Architecture and Engineering Design

courses to several focus areas within the Surveying and Mapping B.S. degree.)

	EGDT 1020	3D Architectural Modeling (3)	
	EGDT 1040	Fundamentals of Technical Engineering Drawing (3)	
	EGDT 1060	MicroStation Infrastructure Design (3)	
	EGDT 1300	Structural Drafting (3)	
	EGDT 1400	Surveying Applications and Field Techniques I (3)	
	EGDT 1600	Technical Math Algebra (3)	
and	EGDT 1610	Technical Math Geometry Trig (3) (MATH 1050 is a prerequisite for MATH 1060 Trigonometry)	
or	MATH 1060	Trigonometry QL (3)	
	EGDT 2040	Piping Drafting (2)	
	EGDT 2400	Surveying Applications and Field Techniques II (3) (MATH 1050, MATH 1060, or EGD 1600 are prerequisites for this course)	
	EGDT 2500	3 Dimensional Modeling--Civil 3D (3)	

Mechanical/Electrical Drafting and Design Track. (Students select this track if interested in a career in mechanical drafting and design.)

	EGDT 1010	Electrical Electronic Drafting (3)	
	EGDT 1040	Fundamentals of Technical Engineering Drawing (3)	
	EGDT 1050	Introduction to 3D Printing PP (2)	
	EGDT 1070	3 Dimensional Modeling--Inventor (3)	
or	EGDT 1071	3 Dimensional Modeling--Solidworks (3)	
	EGDT 1200	Mechanical Drafting (3)	
	EGDT 2020	Descriptive Geometry (3)	
	EGDT 2200	Advanced Mechanical (3)	
	EGDT 2600	Applied Structures I - Statics (3) (MATH 1050, or EGD 1600 and EGD 1610 are prerequisite for this course)	
	EGDT 2610	Applied Structures II - Strength of Materials (3) (MATH 1050, or EGD 1600 and EGD 1610 are prerequisites for this course)	

Structural Drafting and Design Track. (Students select this track if interested in a career in structural drafting and design.)

	EGDT 1020	3D Architectural Modeling (3)	
	EGDT 1040	Fundamentals of Technical Engineering Drawing (3)	
	EGDT 1100	Architectural Drafting and Design (3)	
	EGDT 1300	Structural Drafting (3)	
	EGDT 1600	Technical Math Algebra (3)	
or	MATH 1060	Trigonometry (3)	
	EGDT 2300	Advanced Structural CAD (3) (MATH 1050, MATH 1060 or EGD 1600 and EGD 1610 are prerequisites for this course)	
	EGDT 2310	Structural Steel Modeling (3)	

	EGDT 2600	Applied Structures I - Statics (3) (MATH 1050, or EGD 1600 and EGD 1610 are prerequisites for this course)	
	EGDT 2610	Applied Structures II - Strength of Materials (3) (MATH 1050, or EGD 1600 and EGD 1610 are prerequisites for this course)	

General Drafting and Design Track. (Students select this track if interested in a career in general techniques and principles.) Complete the following:

	EGDT 1020	3D Architectural Modeling (3)	
	EGDT 1040	Fundamentals of Technical Engineering Drawing (3)	
	EGDT 1070	3 Dimensional Modeling--Inventor (3)	
or	EGDT 1071	3 Dimensional Modeling--Solidworks (3)	
	EGDT 1300	Structural Drafting (3)	
	EGDT 1400	Surveying Applications and Field Techniques I (3)	

Choose 11 Credits of Electives from the following: (Some courses may have additional prerequisite.)

	ARC 1010	Classical Architecture Workshop (3)	
	ARC 2110	Architecture Studio I (4)	
	ARC 2210	Architecture Studio II (4)	
	EGDT 1010	Electrical Electronic Drafting (3)	
	EGDT 1050	Introduction to 3D Printing PP (2)	
	EGDT 1060	MicroStation Infrastructure Design (3)	
	EGDT 1100	Architectural Drafting and Design (3)	
	EGDT 1200	Mechanical Drafting (3)	
	EGDT 1300	Structural Drafting (3)	
	EGDT 1600	Technical Math Algebra (3)	
	EGDT 1610	Technical Math Geometry Trig (3)	
	EGDT 1720	Architectural Rendering FF (3)	
	EGDT 2020	Descriptive Geometry (3)	
	EGDT 2040	Piping Drafting (2)	
	EGDT 2100	Architecture Materials and Methods (3)	
	EGDT 2200	Advanced Mechanical (3)	
	EGDT 2300	Advanced Structural--CAD (3)	
	EGDT 2310	Structural Steel Modeling (3)	
	EGDT 2400	Surveying Applications and Field Techniques II (3)	
	EGDT 2500	3 Dimensional Modeling--Civil 3D (3.0)	
	EGDT 2610	Applied Structures II - Strength of Materials (3)	
	EGDT 281R	Internship (1)	
	EGDT 285R	AEC Design Lecture Series (0.5)	
	EGDT 2860	Cooperative Correlated Instruction SkillsUSA (0.5)	

Graduation Requirements:

1. Completion of a minimum of 61 semester credits.

- Overall grade point average of 2.0 (C) or above. (Departments may require a higher GPA.)
- Residency hours-- minimum of 20 credit hours through course attendance at UVU.
- Completion of GE and specified departmental requirements.

Engineering Design Technology, A.S.

Careers

- Graduates will be proficient in 5 major industrial areas of design and drafting.
- Graduates will be conversant in the subject matter of all drafting disciplines at a 75% or higher level as demonstrated by oral presentation and display of samples of work completed while in the EGDТ program

Related Careers

- Architectural and Civil Drafters
- Electrical and Electronics Drafters
- Mechanical Drafters
- Drafters, All Other

Surveying Technology, A.A.S.

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Requirements

The AAS in Surveying Technology meets the educational component for licensure as a Professional Land Surveyor (PLS) in the State of Utah according to the State of Utah Office of Administrative Rules 156-22-302(c)(1).

This degree prepares students for immediate employment beyond entry level work in surveying or civil engineering firms. Students will be prepared to perform many of the various field and office tasks related to surveying including site and topographic surveys, boundary investigation and research, map-making, various survey adjustment calculations, writing of legal property descriptions, and other survey technician duties and responsibilities.

Total Program Credits: 63

Matriculation Requirements:		
Before being formally admitted into the AAS Surveying Technology degree program, full and part-time students must matriculate into the AAS Surveying and Mapping Cohort by completing a Matriculation Application on or before the July 15th deadline prior to the Fall cohort to which the student desires to gain entry. No courses may be taken until the student has been approved by the Surveying and Mapping Program Coordinator. Complete My Educator with an exam score of 80% or higher OR complete IM 2010 Business Computer Proficiency (3.0 credit hours) with B- or higher. All Surveying and Mapping students who have been matriculated into the Associate of Applied Science degree program must have access to their own laptop computer which can be made available during classes and which meets the minimum hardware specifications as defined by current AutoCAD® hardware specifications prior to starting classes in the semester for which they have matriculated.		
General Education Requirements:		12 Credits
Complete one of the following English courses (Recommend MKTG 220G):		3
	ENGL 1010	Introduction to Academic Writing CC

or	ENGH 1005	Literacies and Composition Across Contexts CC (5)	
	MKTG 2200	Written Business Communication GI WE (3)	
Complete one of the following Mathematics courses(Recommend EGDТ 1600):			3
	EGDT 1600	Technical Math Algebra (3)	
	MATH 1060	Trigonometry QL (3)	
Complete any approved Humanities, Fine Arts, or Foreign Language Distribution Course. (Recommend COMM 1020)			3
	Any approved Biology or Physical Science Course (Recommend PHYS 1010)		3
Surveying and Technology Foundation			51 Credits
	SURV 1020	Introduction to Surveying and Mapping WE	1
	EGDT 1040	Fundamentals of Technical Engineering Drawing	3
	EGDT 1400	Surveying Applications and Field Techniques I	3
	EGDT 1610	Technical Math Geometry Trig	3
	SURV 1030	Fundamentals of Geodesy and Control Surveys	3
	SURV 1220	Remote Sensing and Photogrammetry	3
	SURV 1340	Fundamentals of Boundary Law	3
	SURV 2010	Land History of America WE	3
	EGDT 2400	Surveying Applications and Field Techniques II	3
or	SURV 2100	Mapping From Field to Finish	3
	SURV 2310	Surveying US Public Lands	3
	SURV 2320	Property Descriptions and Public Land Records	3
	SURV 2350	Ethics and Liabilities for Surveyors	2

Architecture and Engineering Design

	GIS 2640	Fundamentals of Geographic Information Systems	3
Any lower division elective courses with the following prefixes: SURV, GIS, GEOG, EGDT, CIVE, CMGT, or MATH for a total of 12 credit hours			15

Graduation Requirements:

1. Completion of a minimum of 63 semester credits required for a AAS degree
2. Minimum overall grade point average 2.0 or above.
3. Residency hours: Minimum of 20 credit hours of Surveying and Mapping courses through course attendance at UVU.

Surveying Technology, A.A.S. Careers

1. Implement the principles and practices of the professional Land Surveyor.
2. Integrate the professionals' role and responsibilities of protecting the land rights, title, and interest of the public.
3. Perform all common land surveys using professionally acceptable metrology and geodesy principles and practices.
4. Create maps using professionally acceptable drafting, design, and cartographic principles and practices.
5. Develop prudent ethical judgement and critical thinking skills in making professional decisions.

Related Careers

- Cartographers and Photogrammetrists
- Surveyors
- Surveying and Mapping Technicians

Surveying and Mapping, A.S.

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Requirements

Geomatics is the study of geospatial measurement and representation including such disciplines as land surveying, photogrammetry, remote sensing (satellite imaging and laser scanning), geographic information systems (GIS), cartography, global positioning systems (GPS), and some parts of geography and civil engineering.

Geomatics is a discipline which integrates acquisition, modeling, analysis, and management of geo-spatial reference data.

Based on the scientific framework of geodesy, it uses terrestrial, marine, airborne, satellite-based sensors, and measurement systems and technologies to acquire spatial and other data.

The Land Surveying component of Geomatics includes investigation, analysis, and application of boundary/property laws and legal principles pertaining to specific public and private properties and is a regulated profession wherein a license to practice land surveying is issued by each state in an effort to protect the public and private interests in property boundaries.

Students in the Geomatics program may earn an Associate in Science in Geomatics which will help them be immediately employable as entry level surveyor GIS technician.

Students may also earn a Bachelor of Science in Geomatics which will prepare them to successfully pass the national Fundamentals of Surveying (FS) exam which is a significant step towards surveying licensure.

The bachelor degree program has been developed around four core disciplines which build on an in-depth foundation of knowledge needed for the professional practice of surveying and GIS.

Geomatics program goals are to secure ABET/ASAC accreditation by Fall Semester 2017 and to continue to encourage student interest in obtaining graduate degrees in the field of Geomatics from other nationally ranked institutions.

The program is operating under an annual cohort system starting in the fall semester of each year, so matriculation is required to ensure that each prospective student completes all required course prerequisites prior to entrance into a cohort.

Total Program Credits: 60

General Education Requirements:			35 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGL 1005	Literacies and Composition Across Contexts CC (5.0)	
	ENGL 2010	Intermediate Academic Writing CC	3
Complete one of the following:			3
	MAT 1030	Quantitative Reasoning QL (3.0)	
	MAT 1035	Quantitative Reasoning with Integrated Algebra QL (6.0)	
	STAT 1040	Introduction to Statistics QL (3.0)	
	STAT 1045	Introduction to Statistics with Algebra QL (5.0)	
	MATH 1050	College Algebra QL (4.0)	
	MATH 1055	College Algebra with Preliminaries QL (5.0)	
Complete one of the following:			3
	HIST 1700	American Civilization AS (3.0)	
	HIST 1740	US Economic History AS (3.0)	
	HIST 2700	US History to 1877 AS (3.0)	
and	HIST 2710	US History since 1877 AS (3.0)	
	POLS 1000	American Heritage SS (3.0)	
	POLS 1100	American National Government AS (3.0)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
	HLTH 1100	Personal Health and Wellness TE (2.0)	
or	EXSC 1097	Fitness for Life TE	2
Distribution Courses:			
	Biology		3
	Physical Science		3
	Additional Biology or Physical Science		3
	Humanities		3
	Fine Arts		3
	Social/Behavioral		3
Discipline Core Requirements:			22 Credits
	My Educator Exam *		
	SURV 1020	Introduction to Surveying and Mapping WE	1
	EGDT 1040	Fundamentals of Technical Engineering Drawing	3
	EGDT 1400	Surveying Applications and Field Techniques I	3

Complete one of the following:			
	MATH 1060	Trigonometry QL	3
	EGDT 1600	Technical Math Algebra (3.0)	3
and	EGDT 1610	Technical Math Geometry Trig (3.0)	3
	EGDT 2400	Surveying Applications and Field Techniques II	3
	MKTG 220G	Written Business Communication GI WE	3
	SURV 2310	Surveying US Public Lands (3.0)	3
	SURV 2320	Property Descriptions and Public Land Records (3.0)	3
Elective Requirements:			
Approved Surveying and Mapping elective courses can be taken with the following prefixes: SURV, GIS, EGDT, CIVE, CMGT, or MATH			3

Graduation Requirements:

1. Completion of a minimum of 60 or more semester credits.
2. Overall grade point average of 2.0 (C) or above (departments may require a higher GPA).
3. Residency hours: minimum of 20 credit hours through course attendance at UVU.
4. Completion of GE and specified departmental requirements.

Footnote

* Students will be required to complete the My Educator exam with a score of 80 percent or higher or complete the IM 2010 course with a score of 80 percent or higher.

Surveying and Mapping, A.S. Careers

1. Demonstrated critical thinking ability in performing surveying, mapping, or civil design duties and responsibilities at a professionally competent level and to communicate technical information effectively in a professional team environment.
2. Exercised prudent ethical judgement in professional decisions while protecting the land rights, title, and interest of the public.
3. Advanced professionally by being given more responsibilities; or have successfully completed a graduate level degree.
4. Demonstrated professional development through continuing education or earning certifications or professional licensure.
5. Served in their professional organizations and/or local communities.

Related Careers

- Cartographers and Photogrammetrists
- Surveyors
- Surveying and Mapping Technicians

Architectural Design Technology, Certificate of Proficiency

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Requirements

The Certificate of Proficiency in Architectural Design Technology applies the technical and functional elements of residential and commercial architectural design. Students will take courses in the fundamentals of drafting and design, two-dimensional and three-dimensional software/

Building Information Modeling (BIM) packages, architectural rendering, residential design and construction, and commercial design and construction.

Total Program Credits: 17

Discipline Core Requirements:			17 Credits
	EGDT 1000	Introduction to Engineering Drawing and Technical Design	2
	EGDT 1020	3D Architectural Modeling	3
	EGDT 1040	Fundamentals of Technical Engineering Drawing	3
	EGDT 1100	Architectural Drafting and Design	3
	EGDT 1720	Architectural Rendering FF	3
	EGDT 2100	Architecture Materials and Methods	3

Graduation Requirements:

1. Completion of a minimum of 17 semester credits.
2. Minimum grade of C- required in all courses.
3. Overall grade point average of 2.0 (C) or above.
4. Residency hours-- minimum of 5 credit hours through course attendance at UVU.

Architectural Design Technology, Certificate of Proficiency Careers

1. Demonstrate knowledge of architectural design, building codes, and construction methods and materials
2. Create quality, industry level design drawings for the design discipline
3. Use industry standard design software when producing design drawings

Related Careers

- Architectural and Civil Drafters

Civil Design and Surveying Technology, Certificate of Proficiency

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Requirements

The Certificate of Proficiency in Civil Design and Surveying Technology will be dedicated to teaching the technical and functional elements of civil design and surveying, and will educate students in the process of taking civil related projects from data obtained from ground observations and measurements made by surveying to conceptual design to completed construction documents and finally to surveying and staking the proposed design on the ground so it can be constructed. Students will be required to take civil and surveying courses currently offered in the Engineering Design Technology (EDT) department including the courses from the Drafting Technology program and the Surveying and Mapping program. From these courses students will learn the basics of surveying, civil drafting and design, and be trained in industry standard two-dimensional and three-dimensional software packages. Students will also take courses in surveying applications, land development, advanced field and office surveying, and civil design. A student with a Certificate of Proficiency in Civil Design and Surveying Technology will be prepared for an entry level job as a civil drafter/ designer or survey technician. They can increase their education, training, and employability by completing the Associate of Applied Science in Engineering Design Technology, Certificate of Proficiency in

Architecture and Engineering Design

Mapping Technology, Certificate of Proficiency in Surveying Technology, Associate of Applied Science in Surveying Technology (pending), Associate of Science in Surveying and Mapping and/or a Bachelor of Science in Surveying and Mapping.

Total Program Credits: 18

Discipline Core Requirements:			12 Credits
Choose one of the following courses:			3
	EGDT 1600	Technical Math Algebra (3.0)	
and	EGDT 1610	Technical Math Geometry Trig (3.0)	
or	MATH 1060	Trigonometry QL (3.0)	
	EGDT 1040	Fundamentals of Technical Engineering Drawing	3
	EGDT 1400	Surveying Applications and Field Techniques I	3
	EGDT 2400	Surveying Applications and Field Techniques II	3
Elective Requirements:			6 Credits
Choose 6 credit hours:			6
Any course beginning with the following prefix may be taken as an elective: EGDT, SURV, GIS, ENGR, or CIVE			

Graduation Requirements:

1. Completion of a minimum of 18 semester credits.
2. Minimum grade of C- required in all courses.
3. Overall grade point average of 2.0 (C) or above.
4. Residency hours-- minimum of 4 credit hours through course attendance at UVU.

Civil Design and Surveying Technology, Certificate of Proficiency Careers

1. Implement the principles and practices of the Survey Technician, Mapper, and Civil Designer.
2. Perform all common land surveys and civil engineering plans using professionally acceptable principles and practices of civil design and surveying.
3. Create maps and plans using professionally acceptable drafting, design, and cartographic principles and practices.

Related Careers

- Cartographers and Photogrammetrists
- Surveyors
- Surveying and Mapping Technicians

Mechanical Design Technology, Certificate of Proficiency

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Requirements

The Certificate of Proficiency in Mechanical Design Technology applies the technical and functional elements of mechanical design. Students will take courses in the fundamentals of drafting and design, basic mechanical drafting and design, two-dimensional and three-dimensional software packages, electrical design, and advanced mechanical design.

Total Program Credits: 17

Discipline Core Requirements:			17 Credits
	EGDT 1000	Introduction to Engineering Drawing and Technical Design	2
	EGDT 1010	Electrical Drafting and Design	3
	EGDT 1040	Fundamentals of Technical Engineering Drawing	3
	EGDT 1070	3 Dimensional Modeling--Inventor	3
or	EGDT 1071	3 Dimensional Modeling--Solidworks (3.0)	
	EGDT 1200	Mechanical Drafting and Design	3
	EGDT 2200	Advanced Mechanical	3

Graduation Requirements:

1. Completion of a minimum of 17 semester credits.
2. Minimum grade of C- required in all courses.
3. Overall grade point average of 2.0 (C) or above.
4. Residency hours-- minimum of 5 credit hours through course attendance at UVU.

Mechanical Design Technology, Certificate of Proficiency Careers

1. Demonstrate knowledge of mechanical design and engineering reference materials (Machinery's Handbook).
2. Create quality, industry level design drawings for the design discipline.

Related Careers

- Mechanical Drafters

Structural Design Technology, Certificate of Proficiency

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Requirements

The Certificate of Proficiency in Structural Design Technology applies the technical and functional elements of structural steel detailing. Students will take courses in the fundamentals of drafting and design, basic structural steel detailing, two-dimensional and three-dimensional software/Building Information Modeling (BIM) packages, and advanced structural design and detailing.

Total Program Credits: 17

Discipline Core Requirements:			17 Credits
	EGDT 1000	Introduction to Engineering Drawing and Technical Design	2
	EGDT 1020	3D Architectural Modeling	3
	EGDT 1040	Fundamentals of Technical Engineering Drawing	3
	EGDT 1300	Structural Drafting and Design	3
	EGDT 2300	Advanced Structural CAD	3
	EGDT 2310	Structural Steel Modeling	3

Graduation Requirements:

1. Completion of a minimum of 17 semester credits.

2. Minimum grade of C- required in all courses.
3. Overall grade point average of 2.0 (C) or above.
4. Residency hours-- minimum of 5 credit hours through course attendance at UVU.

Structural Design Technology, Certificate of Proficiency

Careers

1. Demonstrate knowledge of structural steel detailing/design and the AISC Standards.
2. Create quality, industry level design drawings for the design discipline.
3. Use industry standard design software when producing design drawings.

Related Careers

- Drafters, All Other

Surveying Technology, Certificate of Proficiency

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Requirements

The Certificate of Proficiency in Surveying Technology is intended to provide part of the educational competency required for licensure as a Professional Land Surveyor (PLS) in the State of Utah. If an individual holds a bachelor of science degree in a related surveying field such as civil engineering or construction management, according to the State of Utah Office of Administrative Rules 156-22-302(c)(3), they may complete an additional 30 semester hours of surveying specific course work to complete the educational component for licensure. This certificate meets this regulatory educational requirement if the related degree includes algebra, calculus, geometry, statistics, or trigonometry. It prepares students for immediate employment beyond entry level work in surveying or civil engineering firms as a crew chief or a position with similar responsibilities. Students will be prepared to perform many of the various field and office tasks related to surveying including site and topographic surveys, boundary investigation and research, map-making, various survey adjustment calculations, writing of legal property descriptions, and other survey technician duties and responsibilities.

Total Program Credits: 28

Surveying Technology Foundation			28 Credits
	SURV 1020	Introduction to Surveying and Mapping WE	1
	EGDT 1040	Fundamentals of Technical Engineering Drawing	3
	EGDT 1400	Surveying Applications and Field Techniques I	3
	SURV 1220	Remote Sensing and Photogrammetry	3
	EGDT 2400	Surveying Applications and Field Techniques II	3
	SURV 2310	Surveying US Public Lands	3
	SURV 2320	Property Descriptions and Public Land Records	3
	SURV 3340	Boundary Law	3
Approved Surveying and Mapping elective courses can be taken with the following prefixes: SURV, GIS, GEOG,			6

EGDT, ENGR, CIVE, CMGT, MATH, or LEGL. Total of 6 credit hours	
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Graduation Requirements:

1. Completion of a minimum of 28 semester credits required for a Certificate of Completion in Surveying Technology
2. Overall grade point average 2.5 or above with a minimum of 3.0 GPA in all Surveying Technology courses. No grade lower than a "B" in all Surveying Technology Foundation courses.
3. Residency hours: Minimum of 8 credit hours of Surveying and Mapping courses through course attendance at UVU.

Surveying Technology, Certificate of Proficiency

Careers

1. Implement the principles and practices of the professional Land Surveyor.
2. Integrate the professionals' role and responsibilities of protecting the land rights, title, and interest of the public.
3. Perform the common land surveys using professionally acceptable metrology and geodesy principles and practices.
4. Create maps using professionally acceptable drafting, design, and cartographic principles and practices.
5. Develop prudent ethical judgement and critical thinking skills in making professional decisions.

Related Careers

- Cartographers and Photogrammetrists
- Surveyors
- Surveying and Mapping Technicians

Architecture, B.Arch

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Requirements

The Bachelor of Architecture (B.Arch) is a five-year professional degree that prepares students for leadership in the profession of architecture and urban design. The program promotes a built environment that bolsters genuine communities through architecture that is durable, useful, beautiful, and human-scaled. Designed to meet the National Architectural Accreditation Board (NAAB) requirements, the degree is rooted in classical and traditional architecture with a holistic foundation in the craft of building, building technology, practice-based coursework, plan and document generation, building codes, specifications, digital parametric modeling, building information modeling, architectural visualization, digital fabrication, building envelope systems, structural systems, and sustainability.

The program is structured as a two-plus-three stackable credential, awarding an Associate of Science in Engineering Design Technology (Architectural Design & Drafting Track) after the first two years and a comprehensive professional B.Arch degree for the final three years. This allows students who do not wish to pursue licensure a two-year path into the profession. In their final three years, students engage in coursework which readies them to become licensed, practicing architects, projects managers, principals, owners, and community leaders in the profession. Students learn to design buildings in a historical and cultural context through coursework in history, theory, culture, and community service. Concurrently, students engage in arts and science courses to expand critical thinking and understand current design and building technologies, making them ideal employees in architecture offices and related design & construction industries including civil, mechanical, and electrical engineering. Students acquire leadership skills through courses in professional practice, ethics, and architectural registration exam preparation.

Architecture and Engineering Design

A total of at least 153 hours of coursework is required for the Bachelor of Architecture (B.Arch).

Total Program Credits: 153

Matriculation Requirements			
1. Before being formally admitted into the Bachelor of Architecture (B-Arch) degree program, students must matriculate into the Architecture Cohort (the final 3 years of the program) by either completing the AS Engineering Design Technology (Architecture Design and Drafting Track) with a minimum grade of C or better in all courses, OR by completing matriculation requirements 2:			
2. Complete the following courses with a C grade or better.			
	PHYS 1010	Elementary Physics PP	3
or	PHYS 2010	College Physics I PP (3)	
	EGDT 1020	3D Architectural Modeling	3
	EGDT 1100	Architectural Drafting and Design	3
	EGDT 2100	Architecture Materials and Methods	3
	EGDT 2600	Applied Structures I - Statics (MATH 1050 is a prerequisite for this course)	3
	ARC 1010	Classical Architecture Workshop	4
	ARC 2110	Architecture Studio I	4
	ARC 2210	Architecture Studio II	3
	ARC 2220	Construction Documents and Specifications	3
All Architecture students must complete a Matriculation Application and Portfolio by the appointed deadline during the Spring semester prior to the Fall Bachelor Degree cohort to which the student desires to gain entry. Subsequently an official acceptance letter must be obtained from the Architecture Program Coordinator prior to taking any further Architecture courses. Part-time students may be admitted into the Architecture cohort and may be allowed to proceed through the program at their own pace. All transfer credits must be approved in writing by UVU and the B-ARCH Program Coordinator.			
General Education Requirements			36 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGH 1005	Literacies and Composition Across Contexts CC (5)	
	ENGL 2010	Intermediate Academic Writing CC	3
Complete the following:			4
	MATH 1050	College Algebra QL (4) (MATH 1050 is a prerequisite for many classes in the program core.)	
	MATH 1055	College Algebra with Preliminaries QL (5)	
Complete one of the following:			3
	HIST 1700	American Civilization AS (3)	
	HIST 1740	US Economic History AS (3)	
	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	
	POLS 1000	American Heritage SS (3)	
	POLS 1100	American National Government AS (3)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
	HLTH 1100	Personal Health and Wellness TE	2

or	EXSC 1097	Fitness for Life TE (2)	
	PHYS 1010	Elementary Physics PP	3
or	PHYS 2010	College Physics I PP (3)	
Biology (Recommended BIOL 1010 General Biology)			3
Humanities (Recommended ENGL 2100 Technical Communication HH)			3
Social/Behavioral Science (Recommended COMM 1050 Introduction to Speech Communication)			3
Physical Science (Recommended GEO 1010 Introduction to Geology)			3
Fine Arts (Recommended EGDT 1720 Architectural Rendering)			3
Discipline Core Requirements			102 Credits
	EGDT 1020	3D Architectural Modeling	3
	EGDT 1100	Architectural Drafting and Design	3
	EGDT 2100	Architecture Materials and Methods	3
	EGDT 2600	Applied Structures I - Statics (MATH 1050 is a prerequisite for this course)	3
	EGDT 2610	Applied Structures II - Strength of Materials	3
	ARC 1010	Classical Architecture Workshop	3
	ARC 2110	Architecture Studio I	4
	ARC 2210	Architecture Studio II	4
	ARC 2220	Construction Documents and Specifications	3
	ARC 3110	Architecture Studio III	6
	ARC 3120	Architectural Graphic Communication	3
	ARC 3130	Codes and Construction Law	3
	ARC 3210	Architecture Studio IV	6
	ARC 3220	Passive Environmental Systems	3
	ARC 3230	Global History of Architecture to 1700 WE	3
	ARC 4110	Architecture Studio V	6
	ARC 4120	Active Environmental Systems	3
	ARC 4130	Global History of Architecture Since 1700 WE	3
	ARC 4210	Architecture Studio VI	6
	ARC 4220	Building Envelope and Science	3
	ARC 4230	Capstone Project Research	3
	ARC 4510	Architecture Studio VII	6
	ARC 4520	Architectural Theory	3
	ARC 4530	Culture and Behavior in Architecture	3
	ARC 4540	Architecture Professional Practice	3
	ARC 4610	Architecture Studio VIII	7
	CMGT 405G	Global Sustainability and the Built Environment GI WE	3
Elective Requirements			15
Choose 15 credits from the following: (Some courses may have additional prereqs.)			15

ARC 459R	Special Topics in Architecture (1-6) (Strongly Recommended)	
EGDT 1040	Fundamentals of Technical Engineering Drawing (3)	
EGDT 1050	Introduction to 3D Printing and Fabrication PP (2)	
EGDT 1070	3 Dimensional Modeling Inventor (3.0)	
EGDT 1071	3 Dimensional Modeling--Solidworks (3.0)	
EGDT 1200	Mechanical Drafting and Design (3.0)	
EGDT 1300	Structural Drafting and Design (3.0)	
EGDT 1400	Surveying Applications and Field Techniques I (3.0)	
EGDT 1720	Architectural Rendering FF (3.0)	
EGDT 2300	Advanced Structural CAD (3)	
EGDT 2310	Structural Steel Modeling (3)	
EGDT 2400	Surveying Applications and Field Techniques II (3)	
ART 1810	Introduction to Interior Design (3)	
ART 1820	Interior Space Design (3)	
ART 1830	Residential Interior Design (3)	
ART 2815	Historical Architecture and Interior Design FF (3)	
ART 2825	Modern Architecture Interiors and Furnishings (3)	
ARTH 2710	Prehistoric Through Gothic Art History FF (3)	
ARTH 2720	Renaissance Through Contemporary Art History FF (3)	
ARTH 3010	History of Design and Visual Arts (3)	
ARTH 3015	Ancient Art of Egypt and the Near East (3)	
ARTH 3020	Classical Art and Architecture History (3)	
ARTH 3030	Medieval Art and Architecture History (3)	
ARTH 3040	Renaissance Art History (3)	
ARTH 3050	Baroque Art and Architecture History (3)	
ARTH 3060	Nineteenth-Century Art History (3)	
ARTH 3080	History of Architecture (3.0)	
ARTH 3100	History of American Art and Architecture (3.0)	
CAW 1100	Artistic Wood Design (3)	
CMGT 1190	Concrete and Framing Lab (3)	
CMGT 1010	Introduction to Construction Management (3)	
CMGT 1220	Finishing Lab (3)	
CMGT 1020	Construction Materials and Methods I (3)	
CMGT 2010	Construction Materials and Methods II (3)	

CMGT 2080	Principles of Construction Scheduling (3)	
CMGT 3030	Principles of Construction Estimating (3)	
CMGT 3140	Construction Real Estate (3)	
CMGT 3160	Building Information Modeling (3)	
CMGT 4010	Construction Contracts (3)	
DWDD 1400	Digital Design Essentials (3)	
DAGV 1300	Animation Essentials (3)	
and DAGV 130L	Animation Essentials Lab	
DAGV 1200	3D Modeling Essentials (3)	
DAGV 2210	3D Modeling and Animation (4)	

Graduation Requirements:

1. Completion of a minimum of 153 semester credits required for the B.Arch degree; at least 40 credit hours must be upper-division courses.
2. Overall grade point average of 2.5 or above, with a minimum grade of C- in all Architecture courses and elective requirements.
3. Residency hours: Minimum of 45 credit hours of Architecture courses through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
4. Completion of GE and specified departmental requirements. Students are responsible for completing all prerequisite courses.
5. Successful completion of at least one Global/Intercultural course.

Architecture, B.Arch Careers

1. ARCHITECTURAL SOLUTIONS: Demonstrate the ability to integrate design solutions and utilize appropriate building materials, building systems, and sound construction practices.
2. BUILDING SYSTEMS KNOWLEDGE: Incorporate a wide range of technical skills and professional architectural knowledge during schematic design to demonstrate a comprehensive application of life safety, accessibility, and sustainability issues in making sound design decisions across varying scales and levels of complexity.
3. GRAPHIC DESIGN AND REPRESENTATION: Conceive of multifaceted two and three-dimensional graphic representation techniques using a wide variety of both traditional and digital methods, to describe the architectural design.
4. BUILDING DESIGN PRINCIPLES: The knowledge and the know how to apply design decisions through appropriate technical documentation to serve client's needs, create a pleasing aesthetic, create cost effective solutions, and become responsible stewards of the environment.
5. ARCHITECTURAL SOLUTIONS: Demonstrate the ability to integrate design solutions and utilize appropriate building materials, building systems, and sound construction practices.
6. PRACTICE OF ARCHITECTURE: Collaborate and lead teams of stakeholders throughout the design process.
7. Conceive, develop, and implement solutions to a wide range of design problems in the physical built environment.
8. Understand the ethics, legal requirements, financial and social responsibilities of professional practice.

Accreditation

In the United States, most registration boards require a degree from an accredited professional degree program as a prerequisite for licensure. The National Architectural Accrediting Board (NAAB), which is the sole agency authorized to accredit professional degree programs in architecture offered by institutions with U.S. regional accreditation, recognizes three types of degrees: the Bachelor of Architecture, the Master of Architecture, and the Doctor of Architecture. A program may

Architecture and Engineering Design

be granted an eight-year term, an eight-year term with conditions, or a two-year term of continuing accreditation, or a three-year term of initial accreditation, depending on the extent of its conformance with established education standards. Doctor of Architecture and Master of Architecture degree programs may require a non-accredited undergraduate degree in architecture for admission. However, the non-accredited degree is not, by itself, recognized as an accredited degree.

Utah Valley University's Department of Architecture and Engineering Design offers the following NAAB-accredited degree program:

- Bachelor of Architecture (153 total number of credits required)

ACCREDITATION UPDATE

The NAAB grants candidacy status to new programs that have developed viable plans for achieving initial accreditation. Candidacy status indicates that a program expects to achieve initial accreditation within six years of achieving candidacy, if its plan is properly implemented. In order to meet the education requirement, set forth by the National Council of Architectural Registration Boards, an applicant for an NCARB Certificate must hold a professional degree in architecture from a program accredited by the NAAB; the degree must have been awarded not more than two years prior to initial accreditation. However, meeting the education requirement for the NCARB Certificate may not be equivalent to meeting the education requirement for registration in a specific jurisdiction. Please contact NCARB for more information.

Utah Valley University's Department of Architecture and Engineering Design was granted candidacy status for the following professional degree program in architecture:

- Bachelor of Architecture (153 total number of credits required)

Year candidacy awarded: 2022

Next visits:

- Continuation of Candidacy, Fall 2023
- Initial Accreditation, Fall 2025

Projected year to achieve initial accreditation: 2025

Earliest graduation date projected to meet NCARB education requirement: 2023

Related Careers

- Architectural and Engineering Managers
- Architects, Except Landscape and Naval
- Architecture Teachers, Postsecondary

Surveying and Mapping, B.S.

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Requirements

Surveying and Mapping is the study of geospatial measurement and representation including such disciplines as land surveying, photogrammetry, remote sensing (satellite imaging and laser scanning), geographic information systems (GIS), cartography, global positioning systems (GPS), and some parts of geography and civil engineering. Surveying and Mapping is a discipline which integrates acquisition, modeling, analysis, and management of geo-spatial reference data. Based on the scientific framework of geodesy, it uses terrestrial, marine, airborne, satellite-based sensors, and measurement systems and technologies to acquire spatial and other data.

The Land Surveying component of Surveying and Mapping includes investigation, analysis, and application of boundary/property laws and legal principles pertaining to specific public and private properties and is a regulated profession wherein a license to practice land surveying is issued by each state in an effort to protect the public and private interests in property boundaries. Students in the Surveying and Mapping program may earn an Associate in Science in Surveying and Mapping which will help them be immediately employable as an entry level surveyor GIS technician. Students may also earn a Bachelor of Science in Surveying and Mapping which will prepare them to successfully pass the national Fundamentals of Surveying (FS) exam which is a significant step towards surveying licensure.

The bachelor degree program has been developed around four core disciplines which build on an in-depth foundation of knowledge needed for the professional practice of surveying and GIS.

Surveying and Mapping program goals are to secure ABET/ASAC accreditation by Fall Semester 2017 and to continue to encourage student interest in obtaining graduate degrees in the field of Surveying and Mapping from other nationally ranked institutions.

The program is operating under an annual cohort system starting in the fall semester of each year, so matriculation is required to ensure that each perspective student completes all required course prerequisites prior to entrance into a cohort.

Total Program Credits: 121

Matriculation Requirements:	
1. Before being formally admitted into the BS Surveying and Mapping, students must matriculate into the Surveying and Mapping Cohort (the final 2 years of the program) by either completing an AS in Surveying and Mapping with a minimum grade of C or better, (except for MATH 1060 and/or its equivalents which must be a B or better) OR by completing AS in Engineering Design Technology- Civil Drafting and Design Track OR by completing matriculation requirements 2 and 3:	
2. Complete My Educator with an exam score of 80% or higher OR complete IM 2010 Business Computer Proficiency (3.0 credit hours) with B- or higher.	
3. Complete the following courses with a B grade or better:	
<ul style="list-style-type: none">• SURV 1020 Introduction to Surveying and Mapping WE (1)• EGDT 1040 Fundamentals of Technical Engineering Drawing (3)• EGDT 1400 Surveying Applications and Field Techniques I (3)• MATH 1060 Trigonometry (3)• or EGDT 1600 Technical Math--Algebra (3)• and EGDT 1610 Technical Math--Geometry/Trig (3)• MKTG 220G Written Business Communication GI WE (3)	
4. All Surveying and Mapping students must complete a Matriculation Application by the appointed deadline during the Spring semester prior to the Fall bachelor degree cohort to which the student desires to gain entry. Subsequently official approval must be obtained from the Program Coordinator prior to taking any further Surveying and Mapping courses. Part-time students may be admitted into the Surveying and Mapping cohort and may be allowed to proceed through the program at their own pace.	
5. All Surveying and Mapping, Bachelor of Science degree program students must have access to their own laptop computer which can be made available during classes and which meets the minimum hardware specifications as defined by current AutoCAD® hardware specifications prior to starting classes in the semester for which they are matriculating.	
General Education Requirements:	35 Credits

	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGH 1005	Literacies and Composition Across Contexts CC (5)	
	ENGL 2010	Intermediate Academic Writing CC (3)	3
Complete one of the following:			3
	MAT 1030	Quantitative Reasoning QL (3)	
	MAT 1035	Quantitative Reasoning with Integrated Algebra QL (6)	
	STAT 1040	Introduction to Statistics QL (3)	
	STAT 1045	Introduction to Statistics with Algebra QL (5)	
	MATH 1050	College Algebra QL (4)	
	MATH 1055	College Algebra with Preliminaries QL (5)	
Complete one of the following:			3
	HIST 1700	American Civilization AS (3)	
	HIST 1740	US Economic History AS (3)	
	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	
	POLS 1000	American Heritage SS (3)	
	POLS 1100	American National Government AS (3)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
	HLTH 1100	Personal Health and Wellness TE (2)	
or	EXSC 1097	Fitness for Life TE	2
Distribution Courses:			
	Biology		3
	Physical Science		3
	Additional Biology or Physical Science		3

	Humanities		3
	Fine Arts		3
	Social/Behavioral Science		3
Discipline Core Requirements:			71 Credits
Surveying and Mapping Core			
	MATH 1060	Trigonometry QL	3
or	EGDT 1600	Technical Math Algebra (3)	
and	EGDT 1610	Technical Math Geometry Trig (3)	
	SURV 1020	Introduction to Surveying and Mapping WE	1
	EGDT 1040	Fundamentals of Technical Engineering Drawing	3
	EGDT 1400	Surveying Applications and Field Techniques I	3
	EGDT 2400	Surveying Applications and Field Techniques II	3
	MKTG 220G	Written Business Communication GI WE	3
	SURV 1220	Remote Sensing and Photogrammetry	3
	SURV 2010	Land History of America WE	3
	SURV 2310	Surveying US Public Lands	3
	SURV 2320	Property Descriptions and Public Land Records	3
	GIS 3600	Introduction to Geographic Information Systems	4
	GIS 3620	Advanced Geographic Information Systems	3
	SURV 3340	Boundary Law	3
	SURV 3400	Surveying Applications and Field Techniques III	3
	SURV 451R	Surveying and Mapping Lecture Series	2

Architecture and Engineering Design

	SURV 455G	Global Professional Ethics and Liabilities GI	3
	SURV 4930	Senior Surveying and Mapping Capstone WE	4
Professional Focus Areas			
The following are suggested courses based on specific areas of professional/technical interest. You may choose all courses from one focus area or a combination of courses from both focus areas depending on personal goals.			21
Professional Surveying License Focus Area			
	SURV 2030	Geodesy (3)	
	LEGL 3000	Business Law (3)	
	SURV 3010	Measurement Analysis and Adjustments (4)	
	SURV 3030	Land Development Planning, Platting, and Mapping (3)	
	SURV 3210	Advanced Photogrammetry (3)	
	SURV 3220	Control Surveys (3)	
	SURV 3230	Construction and Route Surveys (3)	
	SURV 4340	Surveying Legal Principles (3)	
	SURV 4500	Professional Services Practicum (3)	
	SURV 4700	Fundamentals of Surveying Exam Prep (3)	
Civil Design and Mapping Focus Area			
	EGDT 1300	Structural Drafting (3)	
	EGDT 1060	MicroStation Infrastructure Design (3)	
	SURV 2030	Geodesy (3)	
	EGDT 2040	Piping Drafting (2)	
	EGDT 2500	3 Dimensional Modeling--Civil 3D (3)	
	CMGT 3010	Construction Materials Testing (3)	
	SURV 3220	Control Surveys (3)	

	SURV 3230	Construction and Route Surveys (3)	
	EGDT 3450	Civil Design Systems (3)	
	EGDT 3500	Advanced Civil Drafting and Design (3)	
	GIS 3630	Geographic Information Systems Application Development (3)	
Elective Requirements:			15 Credits
Approved Surveying and Mapping elective courses can be taken with the following prefixes: SURV, GIS, EGDT, ARC, ENGR, CIVE, PHYS, GEOG, CMGT, CS, ENST, MATH, or LEGL.			15

Graduation Requirements:

1. Completion of a minimum of 121 semester credits required for a BS degree; at least 40 credit hours must be upper-division courses.
2. Overall grade point average 2.5 or above with a minimum of 3.0 GPA in all Surveying and Mapping courses including Surveying and Mapping Core and Professional Focus Areas
3. Residency hours: Minimum of 30 credit hours of Surveying and Mapping courses through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
4. Completion of GE and specified departmental requirements. Students are responsible for completing all prerequisite courses.
5. Successful completion of at least one Global/Intercultural course.
6. Taken the Fundamentals of Surveying (FS) exam offered by the National Council of Examiners for Engineering and Surveying (NCEES) if they have the Professional Surveying Focus

Surveying and Mapping, B.S. Careers

1. Demonstrated critical thinking ability in performing surveying, mapping, or civil design duties and responsibilities at a professionally competent level and to communicate technical information effectively in a professional team environment.
2. Exercised prudent ethical judgement in professional decisions while protecting the land rights, title, and interest of the public.
3. Advanced professionally by being given more responsibilities; or have successfully completed a graduate level degree.
4. Demonstrated professional development through continuing education or earning certifications or professional licensure.
5. Served in their professional organizations and/or local communities.

Related Careers

- Cartographers and Photogrammetrists
- Surveyors
- Surveying and Mapping Technicians

Art and Design

DEPARTMENT CHAIR

LOVELL, Travis Associate Professor

FACULTY

BULE, Steve Professor

ELEM, Reid Assistant Professor

FRY, Gareth Assistant Professor

FULLMER, Howard W. Associate Professor

HARDIN, Chad Wayne Associate Professor

JENSEN, Brian L. Professor

LANEGAN, Jason Assistant Professor

LOVELL, Travis Associate Professor

REES, John Associate Professor

STEELE-MAKASCI, Nancy Associate Professor

STEWART, Perry Alan Professor

TALBERT, Mark Professor

THORNOCK, Christopher Assistant Professor

TRUSCOTT, Brandon T. Associate Professor

TUTWILER, Amber Assistant Professor

VINCENT, Marcus A. Associate Professor

WILKEY, Patrick Associate Professor

YOUNG, Christopher Assistant Professor

Degrees & Programs

Art and Design - Design/Illustration Emphasis, A.A.S.

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Requirements

The Applied Associate in Science is a two-year work-ready degree that helps prepare students for entry-level jobs within the Illustration industry. The program is ideal for students wanting to pursue careers in traditional illustration, digital illustration, or animation. Students have access to the best software in the industry and courses offer a well-rounded and practical learning experience. Courses in figure drawing, anatomy and figure structure, 3-D computer modeling, and imagination and creative problem solving are just a few of the classes available to students. Students in the illustration program benefit from interaction with instructors who are nationally known, professional illustrators. The AAS degree and credits earned can be used to continue studies in a Bachelor of Fine Arts in illustration.

Total Program Credits: 63

Matriculation Requirements:			
Portfolio review required for students seeking the AAS - Art and Design - Graphic Design Emphasis(The Portfolio Review occurs after the first year of coursework. Students who do not pass the review may apply the first year of coursework to the AA or AS in Art & Design.)			
General Education Requirements:			16 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGL 1005	Literacies and Composition Across Contexts CC (5)	

Complete one of the following: (Note: A higher level MATH course may substitute for this requirement)			3
	MAT 1030	Quantitative Reasoning QL (3)	
	MAT 1035	Quantitative Reasoning with Integrated Algebra QL (6)	
	Social or Behavioral Science		3
	Biology or Physical Science		3
	P.E. or Health		1
	ARTH 2710	Prehistoric Through Gothic Art History FF	
or	ARTH 2720	Renaissance Through Contemporary Art History FF	3
Discipline Core Requirements:			15 Credits
	ART 1110	Drawing I	3
	ART 1120	2D Design	3
	ART 1130	3D Design	3
	ART 1400	Graphic Computer Applications	3
	ART 1750	Intro to Digital Imaging	3
Emphasis Requirements:			32 Credits
	ART 1210	Observational Drawing	3
	ART 1220	Perspective Drawing	3
	ART 2220	Imagination and Visual Literacy	3
	ART 2230	Illustrative Media and Techniques I	3
	ART 2240	Illustrative Media and Techniques II	3
	ART 2250	Gestural Drawing	3
	ART 2260	Digital Painting I	3
	ART 2270	Figure Drawing I	3
	ART 2280	3D Modeling	3
	ART 200R	Art and Design Lecture Series (1)	2
Emphasis Elective Requirements:			3 Credits
Complete 3 credits of ART/ARTH lower-division electives. Students are strongly encouraged to take either ARTH 2710 or ARTH 2720 (whichever course was not previously taken).			3

Graduation Requirements:

1. Completion of a minimum of 63 semester credits.
2. Overall grade point average of 2.0 (C) or above with no grade lower than a C- in all Art and Design courses.
3. Residency hours--minimum of 20 credit hours through course attendance at UVU.
4. Completion of GE and specified departmental requirements.
5. Portfolio Submission.

Art and Design - Design/Illustration Emphasis, A.A.S. Careers

1. Visual Literacy: Demonstrate with proficiency: the ability to competently and skillfully implement the creative process; ideation, research and the execution of compelling images.
2. Professional Excellence: Demonstrate with proficiency: the ability to effectively communicate and present one's self and work in a professional manner.
3. Creative Diversity: Demonstrate with proficiency: the ability to create images using digital and traditional media.
4. Interdisciplinary Collaboration and Cultural Responsibility: Demonstrate with proficiency: the ability to work with designers,

Art and Design

art directors, project leads, and individual clients and provide relevant, high-quality images that successfully meet individual project requirements for a variety of diverse markets.

Related Careers

- Art, Drama, and Music Teachers, Postsecondary
- Commercial and Industrial Designers
- Graphic Designers
- Set and Exhibit Designers
- Designers, All Other

Art and Design - Graphic Design Emphasis, A.A.S.

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Requirements

The Applied Associate in Science is a two-year work-ready degree that helps prepare students for entry level jobs within the Illustration industry. This degree and credits earned can be used to further their studies in a Bachelor of Fine Arts or other programs.

Total Program Credits: 63

Matriculation Requirements:		
Portfolio review required for students seeking the AAS Art and Design - Graphic Design Emphasis (The Portfolio Review occurs after the first year of coursework. Students who do not pass the review may apply the first year of coursework to the AA or AS in Art & Design.)		
General Education Requirements:		16 Credits
	ENGL 1010 Introduction to Academic Writing CC	3
or	ENGL 1005 Literacies and Composition Across Contexts CC (5)	
Complete one of the following: (Note: A higher level MATH course may substitute for this requirement)		3
	MAT 1030 Quantitative Reasoning QL (3)	
	MAT 1035 Quantitative Reasoning with Integrated Algebra QL (6)	
	Social or Behavioral Science	3
	Biology or Physical Science	3
	P.E. or Health	1
	ARTH 2710 Prehistoric Through Gothic Art History FF (3)	
or	ARTH 2720 Renaissance Through Contemporary Art History FF	3
Discipline Core Requirements:		15 Credits
	ART 1110 Drawing I	3
	ART 1120 2D Design	3
	ART 1130 3D Design	3
	ART 1400 Graphic Computer Applications	3
	ART 1750 Intro to Digital Imaging	3
Emphasis Requirements:		32 Credits
	ART 1410 Typography I	3
	ART 1420 Graphic Design I	3
	AAS Portfolio Review	
	DWDD 1600 Web Essentials	3

ART 2280	3D Computer Modeling	3
ART 2400	Production Design	3
ART 2430	Branding I	3
ART 2440	Motion Graphics I	3
ART 200R	Art and Design Lecture Series (1)	2
Complete 9 credits from any ART/ARTH courses not previously used.		9

Graduation Requirements:

1. Completion of a minimum of 63 semester credits.
2. Overall grade point average of 2.0 (C) or above with no grade lower than a C- in all Art and Design courses.
3. Residency hours--minimum of 20 credit hours through course attendance at UVU.
4. Completion of GE and specified departmental requirements.
5. Portfolio Submission.

Art and Design - Graphic Design Emphasis, A.A.S. Careers

1. Demonstrate with competency: the ability to develop conceptual design solutions in strategic alignment with the audience.
2. Demonstrate with competency: professionalism, self-learning, self motivation, reliability, and resource management, as they are underlying expectations of all coursework and professional work in the field.
3. Demonstrate with competency: an understanding of citizenship and ethics in relation to how graphic design should responsibly and beneficially contribute to society as a whole.
4. Demonstrate with competency: the ability to apply a variety of design styles relevantly according to the task at hand (a crucial skill for serving a diverse client base).

Related Careers

- Art, Drama, and Music Teachers, Postsecondary
- Commercial and Industrial Designers
- Graphic Designers
- Set and Exhibit Designers
- Designers, All Other

Art and Design - Photography Emphasis, A.A.S.

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Requirements

The Applied Associate in Science is a two-year work-ready degree that helps prepare students for entry level jobs within the Illustration industry. This degree and credits earned can be used to further their studies in a Bachelor of Fine Arts or other programs.

Total Program Credits: 63

Matriculation Requirements:		
Portfolio review required for students seeking the AAS Art and Design - Graphic Design Emphasis (The Portfolio Review occurs after the first year of coursework. Students who do not pass the review may apply the first year of coursework to the AA or AS in Art & Design.)		
General Education Requirements:		16 Credits
	ENGL 1010 Introduction to Academic Writing CC	3

or	ENGL 1005	Literacies and Composition Across Contexts CC (5)	
Complete one of the following: (Note: A higher level MATH course may substitute for this requirement)			3
	MAT 1030	Quantitative Reasoning QL (3)	
	MAT 1035	Quantitative Reasoning with Integrated Algebra QL (6)	
	Social or Behavioral Science		3
	Biology or Physical Science		3
	P.E. or Health		1
	ARTH 2710	Prehistoric Through Gothic Art History FF (3)	
or	ARTH 2720	Renaissance Through Contemporary Art History FF	3
Discipline Core Requirements:			15 Credits
	ART 1110	Drawing I	3
	ART 1120	2D Design	3
	ART 1130	3D Design	3
	ART 1400	Graphic Computer Applications	3
	ART 1750	Intro to Digital Imaging	3
Emphasis Requirements:			20 Credits
	ART 1790	Dark Room Techniques	3
	ART 2700	Photography II	3
	ART 2710	Documentary Photography	3
	ART 2720	Color Photography	3
	ART 2730	Photographic Lighting I	3
	ART 200R	Art and Design Lecture Series (1)	2
	ARTH 3200	The History of Photography	3
Emphasis Elective Requirements:			12 Credits
Complete 12 credits of any ART/ARTH courses not previously used. Students are STRONGLY ADVISED to fulfill part of this requirement with the following courses:			12
	ART 3740	Fine Art Photography WE (3)	
	ART 3750	Advanced Digital Imaging (3)	

Graduation Requirements:

1. Completion of a minimum of 63 semester credits.
2. Overall grade point average of 2.0 (C) or above with no grade lower than a C- in all Art and Design courses.
3. Residency hours--minimum of 20 credit hours through course attendance at UVU.
4. Completion of GE and specified departmental requirements.
5. Portfolio Submission.

Art and Design - Photography Emphasis, A.A.S. Careers

1. Demonstrate with competency: the ability to create imagery on a professional level within the student's chosen emphasis.
2. Demonstrate with competency: the ability to conceptualize and execute concept within a photographic image.
3. Demonstrate with competency: the ability to execute a professional-level body of photographic work.

4. Demonstrate with competency: the ability to self-critique and edit photographic work in a way that reflects a professional level of aptitude and knowledge of technical and artistic skill sets.
5. Demonstrate with competency: the ability to include individual expression/voice in a given body of photographic work.
6. Demonstrate with competency: the ability to communicate and express unique ideas within photographic work.
7. Demonstrate with competency: the ability to acknowledge how photographic imagery can be a powerful tool of communication.

Related Careers

- Art, Drama, and Music Teachers, Postsecondary
- Commercial and Industrial Designers
- Graphic Designers
- Set and Exhibit Designers
- Designers, All Other

Art and Design, A.A.

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Requirements

Students who elect to earn a bachelor of arts or associate of arts degree are required to complete a foreign language requirement, while those who earn a bachelor of science or associate of science degree have the option to take more electives. All of these degrees allow students to explore a few areas within the department and gain a more well-rounded education in the visual arts.

Total Program Credits: 61

Matriculation Requirements:			
1. Portfolio review required			
General Education Requirements:			35 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGL 1005	Literacies and Composition Across Contexts CC (5)	
	ENGL 2010	Intermediate Academic Writing CC	3
Complete one of the following: (Note: A higher level MATH course may substitute for this requirement)			3
	MAT 1030	Quantitative Reasoning QL (3)	
	MAT 1035	Quantitative Reasoning with Integrated Algebra QL (6)	
Complete one of the following:			3
	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	
	HIST 1700	American Civilization AS (3)	
	HIST 1740	US Economic History AS (3)	
	POLS 1000	American Heritage SS (3)	
	POLS 1100	American National Government AS (3)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
	HLTH 1100	Personal Health and Wellness TE	2
or	EXSC 1097	Fitness for Life TE (2)	
Distribution Courses:			
	Biology		3

Art and Design

	Physical Science	3
	Additional Biology or Physical Science	3
	Humanities Distribution	3
	ARTH 2710 Prehistoric Through Gothic Art History FF	3
	Social/Behavioral Science	3
Discipline Core Requirements:		18 Credits
	ART 1120 2D Design	3
	ART 1130 3D Design	3
	ARTH 2720 Renaissance Through Contemporary Art History FF	3
Complete 9 credits from the following list (please note: when selecting electives be mindful of prerequisite requirements for advanced courses)		9
	ART 1110 Drawing I (3)	
	ART 1210 Observational Drawing (3)	
	ART 1350 Ceramics I FF (3)	
	ART 1400 Graphic Computer Applications (3)	
	ART 1420 Graphic Design I (3)	
	ART 1750 Intro to Digital Imaging (3)	
	ART 2630 Painting I (3)	
Elective Requirements:		8 Credits
Complete 8 credits of the same Foreign Language		8

Graduation Requirements:

1. Completion of a minimum of 61 semester credits.
2. Overall grade point average of 2.0 (C) or above with no grade lower than a C- in all Art and Design courses.
3. Residency hours-- minimum of 20 credit hours through course attendance at UVU.
4. Completion of GE and specified departmental requirements.
5. Portfolio Submission.
6. For the AA degree, completion of 8 credit hours of course work from one language

Art and Design, A.A.

Careers

1. VISUAL LITERACY: Demonstrate with competency the creation of compositions that successfully use the elements of art and principles of design.
2. PROFESSIONAL EXCELLENCE: Demonstrate with competency the ability to execute a professional-level body of work (in at least one form of media) in a way that reflects a professional level of aptitude and knowledge of technical and artistic skill sets.
3. CREATIVE DIVERSITY: Demonstrate with competency the ability to include individual expression/voice in a given body of work or to communicate unique ideas.

Related Careers

- Art, Drama, and Music Teachers, Postsecondary
- Commercial and Industrial Designers
- Graphic Designers
- Set and Exhibit Designers
- Designers, All Other

Art and Design, A.S.

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Requirements

Students who elect to earn a bachelor of arts or associate of arts degree are required to complete a foreign language requirement, while those who earn a bachelor of science or associate of science degree have the option to take more electives. All of these degrees allow students to explore a few areas within the department and gain a more well-rounded education in the visual arts.

Total Program Credits: 61

Matriculation Requirements:			
1. Portfolio review required			
General Education Requirements:			35 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGH 1005	Literacies and Composition Across Contexts CC (5)	
	ENGL 2010	Intermediate Academic Writing CC	3
Complete one of the following: (Note: A higher level MATH course may substitute for this requirement)			3
	MAT 1030	Quantitative Reasoning QL (3)	
	MAT 1035	Quantitative Reasoning with Integrated Algebra QL (6)	
Complete one of the following:			3
	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	
	HIST 1700	American Civilization AS (3)	
	HIST 1740	US Economic History AS (3)	
	POLS 1000	American Heritage SS (3)	
	POLS 1100	American National Government AS (3)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
	HLTH 1100	Personal Health and Wellness TE	2
or	EXSC 1097	Fitness for Life TE (2)	
Distribution Courses:			
	Biology		3
	Physical Science		3
	Additional Biology or Physical Science		3
	Humanities Distribution		3
	ARTH 2710	Prehistoric Through Gothic Art History FF	3
	Social/Behavioral Science		3
Discipline Core Requirements:			18 Credits
	ART 1120	2D Design	3
	ART 1130	3D Design	3
	ARTH 2720	Renaissance Through Contemporary Art History FF	3

Complete 9 credits from the following list (please note: when selecting electives be mindful of prerequisite requirements for advanced courses):		9
ART 1110	Drawing I (3)	
ART 1210	Observational Drawing (3)	
ART 1350	Ceramics I FF (3)	
ART 1400	Graphic Computer Applications (3)	
ART 1420	Graphic Design I (3)	
ART 1750	Intro to Digital Imaging (3)	
ART 2630	Painting I (3)	
Elective Requirements:		8 Credits
Complete a minimum of 8 credits from any ART/ARTH Course not already required. Courses relative to the type of Bachelors Degree you plan to pursue are recommended. (See department advisor for appropriate courses.)		8

Graduation Requirements:

1. Completion of a minimum of 61 semester credits.
2. Overall grade point average of 2.0 (C) or above with no grade lower than a C- in all Art and Design courses.
3. Residency hours-- minimum of 20 credit hours through course attendance at UVU.
4. Completion of GE and specified departmental requirements.
5. Portfolio Submission.

Art and Design, A.S.

Careers

1. VISUAL LITERACY: Demonstrate with competency the creation of compositions that successfully use the elements of art and principles of design.
2. PROFESSIONAL EXCELLENCE: Demonstrate with competency the ability to execute a professional-level body of work (in at least one form of media) in a way that reflects a professional-level of aptitude and knowledge of technical and artistic skill sets.
3. CREATIVE DIVERSITY: Demonstrate with competency the ability to include individual expression/voice in a given body of work or to communicate and express unique ideas.

Related Careers

- Art, Drama, and Music Teachers, Postsecondary
- Commercial and Industrial Designers
- Graphic Designers
- Set and Exhibit Designers
- Designers, All Other

Entertainment Design, A.A.S.

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Requirements

A successful career in Entertainment Design requires a limitless imagination, the ability to invent and conceptualize new realities, and an understanding of the traditional and technological tools used to do so. This interdisciplinary degree encompasses concept, character, story, place, and time relevant to the entertainment industry. Students can expect to learn the skills and creative ability required of concept artists in the disciplines of character and story development such as character design, storyboarding, motion sequencing, and art direction. As an Entertainment Designer, you will create realities and experiences that

excite minds by combining art and technology to bring extraordinary experiences to life in toys, games, comics, movies, environments, and more.

Total Program Credits: 65

Matriculation Requirements:			
Portfolio Review			
General Education Requirements:			23 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGL 1005	Literacies and Composition Across Contexts CC (5)	
	ENGL 2010	Intermediate Academic Writing CC	3
Complete one of the following: (Note: A higher level MATH course may substitute for this requirement)			3
	MAT 1030	Quantitative Reasoning QL (3)	
	MAT 1035	Quantitative Reasoning with Integrated Algebra QL (6)	
Complete the following:			
	PHIL 205G	Ethics and Values IH GI	2
	HLTH 1100	Personal Health and Wellness TE	2
or	EXSC 1097	Fitness for Life TE	
Distributions Courses:			
Biology			3
Social/Behavioral Science			3
	ARTH 2710	Prehistory Through Gothic Art History FF	3
Entertainment Design (Core)			33 Credits
	ART 1120	2D Design	3
	ART 1210	Observational Drawing	3
	ART 1220	Perspective Drawing	3
	ART 1400	Graphic Computer Applications	3
	ART 2220	Imagination and Visual Literacy	3
	ART 2240	Illustrative Media and Techniques II	3
	ART 2250	Gestural Drawing	3
	ART 2260	Digital Painting I	3
	ART 2270	Figure Drawing I	3
	ART 2280	3D Modeling	3
	ART 2440	Motion Graphics I	3
Elective Requirements:			9 Credits
Complete courses at any level 1000+			9

Graduation Requirements:

1. Completion of a minimum of 65 semester credits.
2. Overall grade point average of 2.0 (C) or above with no grade lower than a C- in all Art and Design courses.
3. Residency hours--minimum of 20 credit hours through course attendance at UVU.
4. Completion of GE and specified departmental requirements.
5. Portfolio Submission.

Art and Design

Entertainment Design, A.A.S.

Careers

1. Employ efficient and accurate drawing and painting abilities that convey an understanding of perspective, light, material and color.
2. Apply the use of anatomy, gesture, form, and staging in figure drawing and character design.
3. Apply principles of composition, color theory, and form to concept designs and illustrations as a way to emphasize and dramatize story.

Related Careers

- Art, Drama, and Music Teachers, Postsecondary
- Commercial and Industrial Designers
- Graphic Designers
- Set and Exhibit Designers
- Designers, All Other

Art and Design, Certificate of Completion

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Requirements

The certificate provides basic instruction in both two-dimensional and three-dimensional using traditional and digital tools.

Total Program Credits: 30

Discipline Core Requirements:			18 Credits
	ART 1120	2D Design	3
	ART 1400	Graphic Computer Applications	3
	ART 1110	Drawing I	3
	ART 1050	Photography I FF	3
or	ART 1750	Intro to Digital Imaging (3)	
	ARTH 2710	Prehistoric Through Gothic Art History FF	3
or	ARTH 2720	Renaissance Through Contemporary Art History FF (3)	
	ART 1130	3D Design	3
Elective Requirements:			12 Credits
	Any ART course not already taken (See Department Advisor).		12

Graduation Requirements:

1. Portfolio Submission.
2. Completion of a minimum of 30 credits.
3. Overall GPA of 2.0 or higher.
4. Residency hours -- Minimum of 10 credits required through course attendance at UVU.

Art and Design, Certificate of Completion

Careers

1. Demonstrate skills with one of the following: contour, line, gesture, tone, value, texture, mark making, and handling of medium.
2. Demonstrate skills with one of the following: depth and spatial illusion, accurate/realistic representation, and rendering 3D form.

3. Demonstrate skills with one of the following: composition, focal point, direction of viewer's eye, and balance.
4. Demonstrate with skill: focused technique/style using one of the following media (painting, drawing, graphic design, photography, sculpture/ceramics etc.)
5. Demonstrate skills with: the craftsmanship and execution of artistic work.
6. Demonstrate skills with: producing artwork in a variety of appropriate techniques or styles. You might consider creative/personalized visual style, media, subject matter, or psychological tone.
7. Demonstrate skills with: creating or critiquing projects in collaboration with a variety of individuals from different emphases inside and/or outside of the department.
8. Demonstrate with skill: how art has an influence across cultures/subcultures.

Related Careers

- Art, Drama, and Music Teachers, Postsecondary
- Commercial and Industrial Designers
- Graphic Designers
- Set and Exhibit Designers
- Designers, All Other

Art and Design, Certificate of Proficiency

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Requirements

This certificate is available for all UVU students with a particular focus designed to provide high school students an opportunity to obtain a certificate of proficiency in a Career and Technical Education (CTE) field while still enrolled in high school and stack into certificate, associate, and bachelor degrees at UVU. This certificate is meant to help students become college ready; it does not prepare them to be job ready.

Total Program Credits: 16

Discipline Core Requirements:			16 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGH 1005	Literacies and Composition Across Contexts CC (5)	
	MAT 1030	Quantitative Reasoning QL	3
or	MATH 1050	College Algebra QL (4)	
	BIOL 1010	General Biology BB	3
	BIOL 1015	General Biology Laboratory	1
	ART 1120	2D Design	3
	ART 1400	Graphic Computer Applications	3

Graduation Requirements:

1. Completion of a minimum of 16 semester credits.
2. Overall grade point average of 2.5 or above.
3. All courses must be completed with grade 'C' or higher.

Art and Design, Certificate of Proficiency

Careers

1. Understand how to modify digital images.
2. Develop basic design skills.
3. Understand how to create page basic page layout skills.
4. Understand the elements and principles of design.
5. Apply elements and principles of design to a series of design problems.

- Create projects based on such principles as line, shape, rhythm, contour, value, and contrast.

Related Careers

- Art, Drama, and Music Teachers, Postsecondary
- Commercial and Industrial Designers
- Graphic Designers
- Set and Exhibit Designers
- Designers, All Other

Art History, Minor

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Requirements

Because art history is cross-disciplinary by nature, a minor in art history would compliment almost any degree, whether within or outside of the arts. The minor requires 18 credits of art history courses, including the survey classes Art to and from the Renaissance, as well as four upper division electives, ranging from ancient to contemporary art history. The minor creates a more diverse skill set for students of the visual arts, as well as a more culturally rich educational experience for students outside of the arts.

Total Program Credits: 18

Discipline Core Requirements:		6 Credits
ARTH 2710	Prehistoric Through Gothic Art History FF	3
ARTH 2720	Renaissance Through Contemporary Art History FF	3
Elective Requirements:		12 Credits
Choose 12 credits from the following:		12
ARTH 2800	Introduction to Art History Research and Methodology WE (3)	
ARTH 300R	Special Topics in Art History (3)	
ARTH 3010	History of Design and Visual Arts (3)	
ARTH 3015	Ancient Art of Egypt and the Near East (3)	
ARTH 3020	Classical Art and Architecture History (3)	
ARTH 3030	Medieval Art and Architecture History (3)	
ARTH 3040	Renaissance Art History (3)	
ARTH 3050	Baroque Art and Architecture History (3)	
ARTH 3055	Northern Baroque Art History (3)	
ARTH 3060	Nineteenth-Century Art History (3)	
ARTH 3070	Modern Art and Architecture History WE (3)	
ARTH 3080	History of Architecture (3)	
ARTH 309G	Introduction to Non Western Ancient Art GI (3)	
ARTH 3100	History of American Art and Architecture (3)	
ARTH 3110	The History of Illustration WE (3)	
ARTH 3120	History of Contemporary Art (3)	

ARTH 3200	The History of Photography (3)	
ARTH 3300	Introduction to Museum Studies (3)	
ARTH 3310	Art Theory and Criticism (3)	
ARTH 3400	Arts Management (3)	
ARTH 400R	Art History Seminar WE (3)	
or any other advisor approved upper division courses.		

Art History, Minor Careers

- VISUAL LITERACY:** Demonstrate with competency a deep understanding of specific art historical styles, movements, and trends by presenting or analyzing visual characteristics, techniques, and approaches.
- PROFESSIONAL EXCELLENCE:** Demonstrate with competency the ability to conduct scholarly research and to demonstrate an understanding of current art historical scholarship and academic writing formalities. Show consideration of creative and critical thinking skills as evidenced by well-reasoned and well-researched arguments and analysis that incorporate a level of original thought.
- CREATIVE DIVERSITY:** Demonstrate with competency a deep understanding of the cultural, social, and historical contexts/influences of specific artworks, styles, and themes. Might consider (but not limited to): analyzing connections or distinctions between one or more cultures or time periods, exploring the creation of cultural meaning through symbols and artistic messages, and analyzing the historical value and relevance of specific artworks or approaches.

Related Careers

- Art, Drama, and Music Teachers, Postsecondary
- Archivists
- Curators
- Museum Technicians and Conservators

Art Education, B.S.

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Requirements

The Bachelor of Science in Art Education prepares students to qualify for teaching licensure for 7--12th grade. Curriculum is designed to give students a background in general education, as well as secondary education. Students can also focus on a single studio area within visual arts such as painting/drawing, sculpture/ceramics, illustration or printmaking.

Total Program Credits: 120

Matriculation Requirements:	
Students will apply for formal admission to the Secondary Education and the Art and Design Department Art Education program in the semester prior to the beginning of their junior year. Admission criteria include:	
<ol style="list-style-type: none"> ENGL and MATH QL courses must have a grade C or higher. GPA of 3.0 or higher with no grade lower than a C in discipline core courses. Completion of all General Education requirements and 70% of content area courses. Pass LiveScan Criminal Background Check. 	
General Education Requirements:	35 Credits

Art and Design

	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGH 1005	Literacies and Composition Across Contexts CC (5)	
	ENGL 2010	Intermediate Academic Writing CC	3
Complete one of the following:			3
	MAT 1030	Quantitative Reasoning QL (3)	
	MAT 1035	Quantitative Reasoning with Integrated Algebra QL (6)	
	STAT 1040	Introduction to Statistics QL (3)	
	STAT 1045	Introduction to Statistics with Algebra QL (5)	
	MATH 1050	College Algebra QL (4)	
	MATH 1055	College Algebra with Preliminaries QL (5)	
	MATH 1090	College Algebra for Business QL (3)	
Complete one of the following:			3
	HIST 1700	American Civilization AS (3)	
	HIST 1740	US Economic History AS (3)	
	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (6)	
	POLS 1000	American Heritage SS (3)	
	POLS 1100	American National Government AS (3)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
	HLTH 1100	Personal Health and Wellness TE (2)	
or	EXSC 1097	Fitness for Life TE	2
Distribution Courses:			
	Biology		3
	Physical Science		3
	Additional Biology or Physical Science		3
	Humanities		3
	ART 1350	Ceramics I FF (fulfills Fine Arts)	3
	Social/Behavioral Science		3
Discipline Core Requirements:			85 Credits
<i>Must be completed with a grade of C or higher.</i>			
	ART 1110	Drawing I	3
	ART 1120	2D Design	3
	ART 1130	3D Design	3
	ART 1400	Graphic Computer Applications	3
	ART 1650	Watercolor FF	3
	ART 1750	Intro to Digital Imaging	3
	ART 2630	Painting I	3
	ART 2680	Printmaking I	3
	ART 3500	Secondary Art Education Methods I WE	3
	ART 3510	Secondary Art Education Methods II WE	3

ARTH 2710	Prehistoric Through Gothic Art History FF	3
ARTH 2720	Renaissance Through Contemporary Art History FF	3
ART 200R	Art and Design Lecture Series (must be repeated)	2
ART 2110	Drawing II	3
Choose one upper-division ARTH class from the list below:		3
ARTH 3070	Modern Art and Architecture History WE (3)	
ARTH 3120	History of Contemporary Art (3)	
One elective 2000 or higher within studio emphasis area. Choose from: Drawing, Painting, Printmaking, Illustration, Ceramics, or Sculpture. It is strongly recommended that students choose the same emphasis area for the one studio elective 2000 or higher AND the two upper division studio courses.		3
Two upper-division studio courses within one emphasis area. Choose from: Drawing, Painting, Printmaking, Illustration, Ceramics, or Sculpture.		6
Prerequisite Secondary Education Requirements:		
EDSC 1010	Introduction to Education	2
Secondary Education Licensure Requirements:		
EDSC 3000	Educational Psychology	3
EDSC 325G	Equitable Technology Integration GI	2
EDSP 340G	Exceptional Students GI	2
EDSC 4200	Classroom Management I (Dance Education majors take DANC 4430 in place of EDSC 4200.)	2
EDSC 4250	Classroom Management II	2
EDSC 4440	Content Area Literacies	3
EDSC 445G	Multicultural Instruction ESL GI	3
EDSC 455G	Secondary Curriculum Instruction and Assessment GI	3
EDSC 4850	Student Teaching Secondary	8
EDSC 4990	Teacher Performance Assessment Project WE	2

Graduation Requirements:

1. Completion of a minimum of 120 semester credits, with a minimum of 40 credits of upper division credit.
2. Overall GPA of 3.0 (B) or above with no grade lower than a C in discipline core courses and no grade lower than a B- in Licensure and Methods courses.
3. Completion of GE and specified departmental requirements.
4. Portfolio Submission
5. Successful completion of at least one Global/Intercultural course

Art Education, B.S.

Careers

1. VISUAL LITERACY: Demonstrate with proficiency the expression of personal creative and artistic skills in diverse media and technologies, traditional to contemporary, including an emphasis in one medium. Demonstrate with proficiency knowledge of the diverse artistic skills, creative expressions, and

contextual understandings applied by artists throughout time and place to communicate the human experience.

2. **PROFESSIONAL EXCELLENCE:** Demonstrate with proficiency knowledge of applying and assessing educational theories and pedagogical practices that support a diverse understanding of 21st century adolescent development and learning according to state and national art education standards. Demonstrate with proficiency self-evaluative practices supportive of an ongoing professional and ethical demeanor of leadership and collaboration in the classroom and school community.
3. **CREATIVE DIVERSITY:** Demonstrate with proficiency the application of a broad range of teaching methods that encourage individual creative expression, critical thinking, and problem solving for the 21st century secondary classroom. Demonstrate with proficiency the ability to promote meaningful artistic and creative partnerships and resolutions that empower individuals, schools, and communities across diverse contexts. Demonstrate with proficiency teaching methods that engage students' awareness and critique of the art world and its impact on social, ethical, and cultural issues within local and global communities.

Related Careers

- Education Teachers, Postsecondary
- Art, Drama, and Music Teachers, Postsecondary
- Middle School Teachers, Except Special and Career/Technical Education
- Secondary School Teachers, Except Special and Career/Technical Education

Art History, B.A.

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Requirements

The Bachelors of Art in Art History degree at UVU offers a strong foundation in the study of art history and the liberal arts, with an emphasis on both intellectual and practical skills. The department offers an array of art history courses on topics ranging from ancient culture to contemporary art, as well as specialized courses on such relevant topics as museum studies and arts management.

Total Program Credits: 120

General Education Requirements:		36 Credits
	ENGL 1010 Introduction to Academic Writing CC	3
or	ENGL 1005 Literacies and Composition Across Context CC (5)	
	ENGL 2010 Intermediate Academic Writing CC	3
Complete one of the following:		3
	MAT 1030 Quantitative Reasoning QL (3)	
	MAT 1035 Quantitative Reasoning with Integrated Algebra QL (6)	
	STAT 1040 Introduction to Statistics QL (3)	
	STAT 1045 Introduction to Statistics with Algebra QL (5)	
	MATH 1050 College Algebra QL (4)	
	MATH 1055 College Algebra with Preliminaries QL (5)	
	MATH 1090 College Algebra for Business QL (3)	
Complete one of the following:		3

	HIST 2700 US History to 1877 AS (3)	
and	HIST 2710 US History since 1877 AS (3)	
	HIST 1700 American Civilization AS (3)	
	HIST 1740 US Economic History AS (3)	
	POLS 1000 American Heritage SS (3)	
	POLS 1100 American National Government AS (3)	
Complete the following:		
	PHIL 2050 Ethics and Values IH	3
	HLTH 1100 Personal Health and Wellness TE	2
or	EXSC 1097 Fitness for Life TE (2)	
Distribution Courses:		
	Biology	3
	Physical Science	3
	Additional Biology or Physical Science	3
	Humanities Distribution ¹	4
	Fine Arts	3
	Social/Behavioral Science	3
Discipline Core Requirements:		51 Credits
Art Studio Core: Complete one of the following:		3
	ART 1020 Basic Drawing for Non-Majors FF (3)	
	ART 1050 Photography I FF (3)	
	ART 1120 2D Design (3)	
	ART 1130 3D Design (3)	
	ART 1340 Sculpture I FF (3)	
	ART 1350 Ceramics I FF (3)	
	ART 1650 Watercolor FF (3)	
Art History foundation core: complete the following--		9
	ARTH 2710 Prehistoric Through Gothic Art History FF (3)	
	ARTH 2720 Renaissance Through Contemporary Art History FF (3)	
	ARTH 2800 Introduction to Art History Research and Methodology WE (3)	
Art History Upper Division: complete eleven courses from the following--		33
	ARTH 300R Special Topics in Art History (3)	
	ARTH 3010 History of Design and Visual Arts (3)	
	ARTH 3015 Ancient Art of Egypt and the Near East (3)	
	ARTH 3020 Classical Art and Architecture History (3)	
	ARTH 3030 Medieval Art and Architecture History (3)	
	ARTH 3040 Renaissance Art History (3)	
	ARTH 3050 Baroque Art and Architecture History (3)	
	ARTH 3055 Northern Baroque Art History (3)	
	ARTH 3060 Nineteenth-Century Art History (3)	

Art and Design

	ARTH 3070	Modern Art and Architecture History WE (3)	
	ARTH 3080	History of Architecture (3)	
	ARTH 309G	Introduction to Non Western Ancient Art (3)	
	ARTH 3100	History of American Art and Architecture (3)	
	ARTH 3120	History of Contemporary Art (3)	
	ARTH 3200	The History of Photography (3)	
	ARTH 3300	Introduction to Museum Studies (3)	
	ARTH 3310	Art Theory and Criticism (3)	
	ARTH 3400	Arts Management (3)	
	ARTH 350G	Latin American Art and Architectural History GI (3)	
Seminars:			
	ARTH 400R	Art History Seminar WE (3) (Complete a minimum of two)	6
Elective Requirements:			33 Credits
One Foreign Language (1010, 1020, 2010 levels. German or French are recommended)			12
Complete any courses from Humanities, History, Philosophy, English, Art, or Art History (at least four courses must be 3000 level). The major adviser will have a list of approved courses.			21

Graduation Requirements:

1. Completion of a minimum of 120 semester credits.
2. Overall grade point average of 2.0 (C) or above and a grade point average of 3.0 (B) or above in all ARTH courses.
3. Residency hours- minimum of 30 credit hours through course attendance at UVU, with at least 10 hours in the last 45 hours.
4. Completion of GE and specified departmental requirements.
5. Successful completion of at least one Global/Intercultural course.
6. Portfolio Submission.

Footnote:

1-Fulfilled with Foreign Language 202G/2020

Art History, B.A.

Careers

1. VISUAL LITERACY: Demonstrate with proficiency a deep understanding of specific art historical styles, movements, and trends by presenting or analyzing visual characteristics, techniques, and approaches.
2. PROFESSIONAL EXCELLENCE: Demonstrate with proficiency the ability to conduct scholarly research and to demonstrate an understanding of current art historical scholarship and academic writing formalities. Should consider creative and critical thinking skills as evidenced by well-reasoned and well-researched arguments and analysis that incorporate a level of original thought.
3. CREATIVE DIVERSITY: Demonstrate with proficiency a deep understanding of the cultural, social, and historical contexts/influences of specific artworks, styles, and themes. Might consider (but not limited to): analyzing connections or distinctions between one or more cultures or time periods, exploring the creation of cultural meaning through symbols and artistic messages, and analyzing the historical value and relevance of specific artworks or approaches.

Related Careers

- Art, Drama, and Music Teachers, Postsecondary
- Archivists
- Curators
- Museum Technicians and Conservators

Art and Design - Graphic Design Emphasis, B.F.A.

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Requirements

Situated in the heart of the "Silicon Slopes," UVU's graphic design program is uniquely situated to offer students cutting-edge learning, internship, and job-placement opportunities. As students use the latest software to practice communicating creatively using typography and imagery, they learn to approach problem solving from marketing and artistic standpoints that resonate with target audiences. Courses emphasize creative, concept-intensive communication, and effective design implementation in both print and interactive design.

Total Program Credits: 120

Matriculation Requirements:			
1. AA, AS, or AAS Degree or equivalent in Art and Design or advisor approval (Graphic Design Emphasis B.F.A. candidates must complete the AAS Degree or equivalent in Graphic Design; Illustration Emphasis. B.F.A. candidates must complete the AAS Degree or equivalent in Illustration)			
2. Portfolio Review			
General Education Requirements:			35 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGH 1005	Literacies and Composition Across Contexts CC (5)	
	ENGL 2010	Intermediate Academic Writing CC	3
Complete one of the following: (NOTE: A higher level MATH course may substitute for this requirement)			3
	MAT 1030	Quantitative Reasoning QL (3) (recommended for Humanities or Arts majors)	
	MAT 1035	Quantitative Reasoning with Integrated Algebra QL (6)	
Complete one of the following:			3
	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	
	HIST 1700	American Civilization AS (3)	
	HIST 1740	US Economic History AS (3)	
	POLS 1000	American Heritage SS (3)	
	POLS 1100	American National Government AS (3)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
	HLTH 1100	Personal Health and Wellness TE (2)	
or	EXSC 1097	Fitness for Life TE	2
Distribution Courses:			
	Biology		3

Physical Science	3
Additional Biology or Physical Science	3
Humanities	3
ARTH 2710 Prehistoric Through Gothic Art History FF	3
Social/Behavioral Science	3
Discipline Core Requirements:	26 Credits
Courses taken to fulfill individual program emphases will not also count toward the Discipline Core Requirements (credit will not count twice)	
ART 1120 2D Design	3
ART 1130 3D Design	3
ART 200R Art and Design Lecture Series (1) (Must be taken 2 times)	2
ART 499R BFA Project WE (3) (must be taken in two consecutive semesters)	6
ARTH 2720 Renaissance Through Contemporary Art History FF	3
Complete 9 credits from the following list (please note: ART 1210 is required for Illustration BFA degrees, ART 1110 is required for Painting/Drawing BFA degrees, ART 1400 is required for Graphic Design and Illustration BFA degrees, ART 1750 is required for Photography BFA degrees)	9
ART 1110 Drawing I (3)	
ART 1210 Observational Drawing (3)	
ART 1350 Ceramics I FF (3)	
ART 1400 Graphic Computer Applications (3)	
ART 1420 Graphic Design I (3)	
ART 1750 Intro to Digital Imaging (3)	
ART 2630 Painting I (3)	
Emphasis Requirements:	6 Credits
ART 1410 Typography I	3
ART 1420 Graphic Design I	3
AAS Portfolio Review	
Lower Division Core:	15 Credits
DWDD 1600 Web Essentials	3
ART 2280 3D Computer Modeling	3
ART 2400 Production Design	3
ART 2430 Branding I	3
ART 2440 Motion Graphics I	3
BFA Portfolio Review	
Upper Division Core:	12 Credits
Upper Division Core	
ART 3420 Typography II	3
ART 3440 Motion Graphics II	3
ART 3450 Branding II	3
ART 3480 UI/UX Design II	3
Art History Requirements:	6 Credits
ARTH 3010 History of Design and Visual Arts	3

ARTH 3070 Modern Art and Architecture History WE	3
Capstone Requirements:	11 Credits
ART 443R Design Studio	3
ART 481R Art and Design Internship (1)	2
Complete 2 of the following:	6
ART 4440 Motion Graphics Studio (3)	
ART 4480 UI/UX Studio (3)	
ART 443R Design Studio (3)	
Emphasis Elective Requirements:	9 Credits
Complete any ART/ARTH courses not already used (Five credits must be upper division)	9

Graduation Requirements:

1. Completion of a minimum of 120 semester credits.
2. Overall grade point average of 2.0 (C) or above with no grade lower than a C- in all Art and Design courses.
3. Residency hours--minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
4. Completion of GE and specified departmental requirements.
5. Portfolio submission required during senior year.
6. Successful completion of at least one Global/Intercultural course.

Art and Design - Graphic Design Emphasis, B.F.A. Careers

1. VISUAL LITERACY: Demonstrate proficient imagery selection and creation. Create proficient design through hierarchy, negative space, pacing, and graphic elements. Demonstrate proficient use of typography through selection, pairing, typesetting and/or stylization.
2. PROFESSIONAL EXCELLENCE: Demonstrate committed participation, sincere improvement, and dedicated work ethic. Present work professionally through variety, individuality, and craftsmanship.
3. CREATIVE DIVERSITY: Communicate concepts clearly and creatively. Exhibit work with others or collaborate on a project, paper or presentation in a culturally responsible manner.

Related Careers

- Art, Drama, and Music Teachers, Postsecondary
- Commercial and Industrial Designers
- Graphic Designers
- Set and Exhibit Designers
- Designers, All Other

Art and Design - Illustration Emphasis, B.F.A.

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Requirements

The program is ideal for students wanting to pursue careers in traditional illustration, digital illustration, or animation. In addition to working with faculty who are professionals in their fields, students have access to the best software in the industry. Courses in figure drawing, children's book illustration, anatomy and figure structure, flash animation, 3-D computer rendering, and advanced illustration are just a few of the classes available to students. The courses offer a well-rounded and practical learning experience. Students in the illustration

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program benefit from interaction with instructors who are nationally known professional illustrators.

Total Program Credits: 120

Matriculation Requirements:			
1. AA, AS, or AAS Degree or equivalent in Art and Design or advisor approval (Graphic Design Emphasis B.F.A. candidates must complete the AAS Degree or equivalent in Graphic Design; Illustration Emphasis. B.F.A. candidates must complete the AAS Degree or equivalent in Illustration)			
2. Portfolio Review			
General Education Requirements:			35 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGH 1005	Literacies and Composition Across Contexts CC (5)	
	ENGL 2010	Intermediate Academic Writing CC	3
Complete one of the following: (NOTE: A higher level MATH course may substitute for this requirement)			3
	MAT 1030	Quantitative Reasoning QL (3) (recommended for Humanities or Arts majors)	
	MAT 1035	Quantitative Reasoning with Integrated Algebra QL (6)	
Complete one of the following:			3
	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	
	HIST 1700	American Civilization AS (3)	
	HIST 1740	US Economic History AS (3)	
	POLS 1000	American Heritage SS (3)	
	POLS 1100	American National Government AS (3)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
	HLTH 1100	Personal Health and Wellness TE (2)	
or	EXSC 1097	Fitness for Life TE	2
Distribution Courses:			
	Biology		3
	Physical Science		3
	Additional Biology or Physical Science		3
	Humanities		3
	ARTH 2710	Prehistoric Through Gothic Art History FF	3
	Social/Behavioral Science		3
Discipline Core Requirements:			26 Credits
Courses taken to fulfill individual program emphases will not also count toward the Discipline Core Requirements (credit will not count twice)			
	ART 1120	2D Design	3
	ART 1130	3D Design	3
	ART 200R	Art and Design Lecture Series (1) (Must be taken 2 times)	2
	ART 499R	BFA Project WE (3) (must be taken in two consecutive semesters)	6

	ARTH 2720	Renaissance Through Contemporary Art History FF	3
Complete 9 credits from the following list (please note: ART 1210 is required for Illustration BFA degrees, ART 1110 is required for Painting/Drawing BFA degrees, ART 1400 is required for Graphic Design and Illustration BFA degrees, ART 1750 is required for Photography BFA degrees):			9
	ART 1110	Drawing I (3)	
	ART 1210	Observational Drawing (3)	
	ART 1350	Ceramics I FF (3)	
	ART 1400	Graphic Computer Applications (3)	
	ART 1420	Graphic Design I (3)	
	ART 1750	Intro to Digital Imaging (3)	
	ART 2630	Painting I (3)	
Emphasis Requirements:			48 Credits
	ART 1220	Perspective Drawing	3
	ART 2220	Imagination and Visual Literacy	3
	ART 2230	Illustrative Media and Techniques I	3
	ART 2240	Illustrative Media and Techniques II	3
	ART 2260	Digital Painting I	3
	ART 2270	Figure Drawing I	3
	ART 2280	3D Modeling	3
	ART 3210	Narrative Illustration	3
	ART 3220	Conceptual Illustration	3
	ART 3240	Head Drawing	3
	ART 328R	Painting the Human Head	3
	ART 361R	Figure Drawing II	3
	ART 364R	Figure Painting	3
	ART 421R	Advanced Illustration	3
	ART 470R	Figure Drawing III	3
	ARTH 3110	The History of Illustration WE	3
Emphasis Elective Requirements:			11 Credits
Take an additional 9 credits from the classes below.			9
	ART 3250	Environment Design (3)	
	ART 322R	Advanced Rendering of Forms and Surfaces (3)	
	ART 324R	Children's Book Illustration (3)	
	ART 325R	2D Animation for Illustration (3)	
	ART 3260	Digital Painting II (3)	
	ART 3270	Digital Illustration (3)	
	ART 3280	3D Texturing and Rendering (3)	
	ART 4250	Character Design (3)	
	ART 4270	Sequential Illustration (3)	
	ART 4290	3D Sculpting (3)	
Complete any ART/ARTH courses not already used (2 credit must be upper division).			2

Graduation Requirements:

1. Completion of a minimum of 120 semester credits.

- Overall grade point average of 2.0 (C) or above with no grade lower than a C- in all Art and Design courses.
- Residency hours--minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
- Completion of GE and specified departmental requirements.
- Portfolio submission required during senior year.
- Successful completion of at least one Global/Intercultural course.

Art and Design - Illustration Emphasis, B.F.A. Careers

- VISUAL LITERACY:** Demonstrate proficient imagery selection and creation. Create proficient design through hierarchy, negative space, pacing, and graphic elements. Demonstrate proficient use of typography through selection, pairing, typesetting and/or stylization.
- PROFESSIONAL EXCELLENCE:** Demonstrate committed participation, sincere improvement, and dedicated work ethic. Present work professionally through variety, individuality, and craftsmanship.
- CREATIVE DIVERSITY:** Communicate concepts clearly and creatively. Exhibit work with others or collaborate on a project, paper or presentation in a culturally responsible manner.

Related Careers

- Art, Drama, and Music Teachers, Postsecondary
- Commercial and Industrial Designers
- Graphic Designers
- Set and Exhibit Designers
- Designers, All Other

Art and Design - Painting and Drawing Emphasis, B.F.A.

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Requirements

Within the painting/drawing program, students emphasize one of four areas: drawing, watermedia, painting, or printmaking. In their senior year, B.F.A. students receive one-on-one instruction from the professor of their choice. Students explore their personal artistic identity while learning the rigor and attention to detail needed to put together a solo exhibition as their culminating experience.

Total Program Credits: 120

Matriculation Requirements:			
1. AA, AS, or AAS Degree or equivalent in Art and Design or advisor approval (Graphic Design Emphasis B.F.A. candidates must complete the AAS Degree or equivalent in Graphic Design; Illustration Emphasis. B.F.A. candidates must complete the AAS Degree or equivalent in Illustration)			
2. Portfolio Review			
General Education Requirements:			35 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGL 1005	Literacies and Composition Across Contexts CC (5)	
	ENGL 2010	Intermediate Academic Writing CC	3
Complete one of the following: (Note: A higher level MATH course may substitute for this requirement)			3

	MAT 1030	Quantitative Reasoning QL (3) (recommended for Humanities or Arts majors)	
	MAT 1035	Quantitative Reasoning with Integrated Algebra QL (6)	
Complete one of the following:			3
	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	
	HIST 1700	American Civilization AS (3)	
	HIST 1740	US Economic History AS (3)	
	POLS 1000	American Heritage SS (3)	
	POLS 1100	American National Government AS (3)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
	HLTH 1100	Personal Health and Wellness TE	2
or	EXSC 1097	Fitness for Life TE (2)	
Distribution Courses:			
	Biology		3
	Physical Science		3
	Additional Biology or Physical Science		3
	Humanities		3
	ARTH 2710	Prehistoric Through Gothic Art History FF	3
	Social/Behavioral Science		3
Discipline Core Requirements:			26 Credits
Courses taken to fulfill individual program emphases will not also count toward the Discipline Core Requirements (credit will not count twice)			
	ART 1120	2D Design	3
	ART 1130	3D Design	3
	ART 200R	Art and Design Lecture Series (1) (Must be taken 2 times)	2
	ART 499R	BFA Project WE (3) (Must be taken in two consecutive semesters)	6
	ARTH 2720	Renaissance Through Contemporary Art History FF	3
Complete 9 credits from the following list (please note: ART 1210 is required for Illustration BFA degrees, ART 1110 is required for Painting/Drawing BFA degrees, ART 1400 is required for Graphic Design and Illustration BFA degrees, ART 1750 is required for Photography BFA degrees):			9
	ART 1110	Drawing I (3)	
	ART 1210	Observational Drawing (3)	
	ART 1350	Ceramics I FF (3)	
	ART 1400	Graphic Computer Applications (3)	
	ART 1420	Graphic Design I (3)	
	ART 1750	Intro to Digital Imaging (3)	
	ART 2630	Painting I (3)	
Emphasis Requirements:			36 Credits
Students emphasizing a 2D area complete the following: ¹			
	ART 1110	Drawing I	3

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	ART 1650	Watercolor FF	3
	ART 2110	Drawing II	3
	ART 2620	Color Theory	3
	ART 2630	Painting I	3
	ART 2640	Painting II	3
	ART 2680	Printmaking I	3
	ART 367R	Printmaking II	3
	ARTH 3070	Modern Art and Architecture History WE	3
	ARTH 3120	History of Contemporary Art	3
Complete two classes from the following:			6
	ART 1340	Sculpture I FF (3)	
or	ART 1350	Ceramics I FF (3)	
	ARTH 3020	Classical Art and Architecture History (3)	
	ARTH 3030	Medieval Art and Architecture History (3)	
	ARTH 3040	Renaissance Art History (3)	
	ARTH 3050	Baroque Art and Architecture History (3)	
	ARTH 3060	Nineteenth-Century Art History (3)	
	ARTH 3100	History of American Art and Architecture (3)	
Emphasis Elective Requirements:			23 Credits
	ART 4840	Professional Presentation for the Visual Arts WE	1
Complete minimum of 9 credit hours in one specialization:			9
Drawing			
	ART 311R	Drawing III (3) (may be taken twice)	
	ART 366R	Life Drawing (3) (may be taken twice)	
	ART 411R	Drawing IV (3) (may be taken twice)	
	ART 466R	Advanced Life Drawing (3) (may be taken twice)	
Painting			
	ART 363R	Painting III (3) (may be taken twice)	
	ART 369R	Contemporary Figure Painting (3) (may be taken thrice)	
	ART 463R	Painting IV (3) (may be taken twice)	
Printmaking			
	ART 368R	Printmaking III (3) (may be taken twice)	
	ART 468R	Printmaking IV (3) (may be taken twice)	
Complete 12.0 elective credits from upper-division specialization courses listed below. It is recommended to focus on depth in the selected specialization.			12
Drawing			
	ART 311R	Drawing III (may be taken twice) (3)	
	ART 366R	Life Drawing (3) (may be taken twice)	
	ART 411R	Drawing IV (may be taken twice) (3)	

	ART 466R	Advanced Life Drawing (3) (may be taken twice)	
Painting			
	ART 363R	Painting III (may be taken twice) (3)	
	ART 369R	Contemporary Figure Painting (3) (may be taken thrice)	
	ART 463R	Painting IV (3) (may be taken twice)	
Printmaking			
	ART 368R	Printmaking III (may be taken twice) (3)	
	ART 468R	Printmaking IV (may be taken twice) (3)	
Complete one of the following additional Professional content courses:			1
	ART 4820	Professional Presentation for the Visual Arts I WE (1)	
	ART 4830	Professional Practices for the Visual Arts II WE (1)	
	ART 4850	Professional Writing for the Visual Arts WE (1)	

Graduation Requirements:

1. Completion of a minimum of 120 semester credits.
2. Overall grade point average of 2.0 (C) or above with no grade lower than a C- in all Art and Design courses.
3. Residency hours--minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
4. Completion of GE and specified departmental requirements.
5. Portfolio submission required during senior year.
6. Successful completion of at least one Global/Intercultural course.

Footnote

¹ ART 1110, 1350, and 2630 taken to fulfill this requirement will not also count toward the BFA Discipline Core (credit will not count twice).

Art and Design - Painting and Drawing Emphasis, B.F.A.

Careers

1. VISUAL LITERACY: Demonstrate with proficiency the creation of compositions that successfully use the elements of art and principles of design.
2. PROFESSIONAL EXCELLENCE: Demonstrate with proficiency the creation of a portfolio of cohesive and unified work. Demonstrate with proficiency the writing of an artist statement that successfully explains the process, purpose, and ideas of the student's work. Demonstrate with proficiency the ability to obtain an exhibition space, organize, advertise, and install an exhibition of student's art works from the BFA project course/courses.
3. CREATIVE DIVERSITY: Demonstrate with proficiency an individual expression/voice in student's art.

Related Careers

- Art, Drama, and Music Teachers, Postsecondary
- Commercial and Industrial Designers
- Graphic Designers
- Set and Exhibit Designers
- Designers, All Other

Art and Design - Photography Emphasis, B.F.A.

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Requirements

UVU's photography program teaches the language of photography. Students will take courses to diversify their skill set in the creation and appreciation of different approaches to photography. They will work with film, historic photographic processes, and cutting edge digital technology. Students learn about and work in commercial and fine art environments. They will be taught working methods in the darkroom, studio lighting techniques, motion, and digital manipulation. The photo program emphasizes a hands-on and engaged approach. We actively look for opportunities to get our students on location and into real world scenarios through internships, study abroad programs, service oriented programs, and classes taught off campus.

Total Program Credits: 120

Matriculation Requirements:		
1. AA, AS, or AAS Degree or equivalent in Art and Design or advisor approval (Graphic Design Emphasis B.F.A. candidates must complete the AAS Degree or equivalent in Graphic Design; Illustration Emphasis. B.F.A. candidates must complete the AAS Degree or equivalent in Illustration)		
2. Portfolio Review		
General Education Requirements:		35 Credits
	ENGL 1010	Introduction to Academic Writing CC
or	ENGL 1005	Literacies and Composition Across Contexts CC (5)
	ENGL 2010	Intermediate Academic Writing CC
Complete one of the following: (Note: A higher level MATH course may substitute for this requirement)		3
	MAT 1030	Quantitative Reasoning QL (3) (recommended for Humanities or Arts majors)
	MAT 1035	Quantitative Reasoning with Integrated Algebra QL (6)
Complete one of the following:		3
	HIST 2700	US History to 1877 AS (3)
and	HIST 2710	US History since 1877 AS (3)
	HIST 1700	American Civilization AS (3)
	HIST 1740	US Economic History AS (3)
	POLS 1000	American Heritage SS (3)
	POLS 1100	American National Government AS (3)
Complete the following:		
	PHIL 2050	Ethics and Values IH
	HLTH 1100	Personal Health and Wellness TE (2)
or	EXSC 1097	Fitness for Life TE
Distribution Courses:		
	Biology	3
	Physical Science	3
	Additional Biology or Physical Science	3
	Humanities	3

ARTH 2710	Prehistoric Through Gothic Art History FF	3
Social/Behavioral Science		3
Discipline Core Requirements:		26 Credits
Courses taken to fulfill individual program emphases will not also count toward the Discipline Core Requirements (credit will not count twice)		
ART 1120	2D Design	3
ART 1130	3D Design	3
ART 200R	ART and Design Lecture Series (1) (Must be taken 2 times)	2
ART 499R	BFA Project WE (3) (Must be taken in two consecutive semesters)	6
ARTH 2720	Renaissance Through Contemporary Art History FF	3
Complete 9 credits from the following list (please note: ART 1210 is required for Illustration BFA degrees, ART 1110 is required for Painting/Drawing BFA degrees, ART 1400 is required for Graphic Design and Illustration BFA degrees, ART 1750 is required for Photography BFA degrees):		9
ART 1110	Drawing I (3)	
ART 1210	Observational Drawing (3)	
ART 1350	Ceramics I FF (3)	
ART 1400	Graphic Computer Applications (3)	
ART 1420	Graphic Design I (3)	
ART 1750	Intro to Digital Imaging (3)	
ART 2630	Painting I (3)	
Emphasis Requirements:		15 Credits
Complete the following:		
ART 1790	Dark Room Techniques	3
ART 2700	Photography II	3
ART 2710	Documentary Photography	3
ART 2720	Color Photography	3
ART 2730	Photographic Lighting I	3
Emphasis Elective Requirements:		44 Credits
ARTH 3200	The History of Photography	3
ART 371R	Historical Photographic Processes	3
ART 3730	Photographic Lighting II	3
ART 3740	Fine Art Photography WE	3
ART 3750	Advanced Digital Imaging	3
ART 471R	Photographic Illustration	3
ART 474R	Advanced Photo Studies	3
ART 4750	Exploratory Photographic Processes	3
ART 481R	Art and Design Internship (1-6)	2
Complete any ART/ARTH courses not already used (6 credits must be upper division).		15
Take ONE of the following classes:		3
ARTH 3400	Arts Management (3)	
ARTH 3310	Art Theory and Criticism (3)	
ARTH 3120	History of Contemporary Art (3)	

Art and Design

	ARTH 3040	Renaissance Art History (3)	
	ARTH 3050	Baroque Art and Architecture History (3)	
	ARTH 3060	Nineteenth-Century Art History (3)	
	ARTH 3070	Modern Art and Architecture History WE (3)	

Graduation Requirements:

1. Completion of a minimum of 120 semester credits.
2. Overall grade point average of 2.0 (C) or above with no grade lower than a C- in all Art and Design courses.
3. Residency hours--minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
4. Completion of GE and specified departmental requirements.
5. Portfolio submission required during senior year.
6. Successful completion of at least one Global/Intercultural course.

Art and Design - Photography Emphasis, B.F.A. Careers

1. VISUAL LITERACY: Demonstrate with proficiency the ability to create imagery on a professional level within the student's chosen emphasis. Demonstrate with proficiency the ability to conceptualize and execute concept within a photographic image.
2. PROFESSIONAL EXCELLENCE: Demonstrate with proficiency the ability to execute a professional-level body of photographic work. Demonstrate with proficiency the ability to self-critique and edit photographic work in a way that reflects a professional level of aptitude and knowledge of technical and artistic skill sets.
3. CREATIVE DIVERSITY: Demonstrate with proficiency the ability to include individual expression/voice in a given body of photographic work. Demonstrate with proficiency the ability to communicate and express unique ideas within photographic work.

Related Careers

- Art, Drama, and Music Teachers, Postsecondary
- Commercial and Industrial Designers
- Graphic Designers
- Set and Exhibit Designers
- Designers, All Other

Art and Design - Sculpture and Ceramics Emphasis, B.F.A.

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Requirements

UVU's BFA in ceramics and sculpture helps students build a strong foundation of design fundamentals, technical skills, and the use of materials. Whether throwing clay on a potter's wheel or listening to a class lecture, students discover endless sources of creative ideas while taking courses in low-fire ceramics, mold making, casting, ceramic technologies, and more.

Total Program Credits: 120

Matriculation Requirements:

1. AA, AS, or AAS Degree or equivalent in Art and Design or advisor approval (Graphic Design Emphasis B.F.A. candidates must complete the AAS Degree or equivalent in Graphic Design;

Illustration Emphasis. B.F.A. candidates must complete the AAS Degree or equivalent in Illustration)

2. Portfolio Review

General Education Requirements:		35 Credits
ENGL 1010	Introduction to Academic Writing CC	3
or ENGL 1005	Literacies and Composition Across Context CC (5)	
ENGL 2010	Intermediate Academic Writing CC	3
Complete one of the following: (Note: A higher level MATH course may substitute for this requirement)		3
MAT 1030	Quantitative Reasoning QL (3) (recommended for Humanities or Arts majors)	
MAT 1035	Quantitative Reasoning with Integrated Algebra QL (6)	
Complete one of the following:		3
HIST 2700	US History to 1877 AS (3)	
and HIST 2710	US History since 1877 AS (3)	
HIST 1700	American Civilization AS (3)	
HIST 1740	US Economic History AS (3)	
POLS 1000	American Heritage SS (3)	
POLS 1100	American National Government AS (3)	
Complete the following:		
PHIL 2050	Ethics and Values IH	3
HLTH 1100	Personal Health and Wellness TE (2)	
or EXSC 1097	Fitness for Life TE	2
Distribution Courses:		
Biology		3
Physical Science		3
Additional Biology or Physical Science		3
Humanities		3
ARTH 2710	Prehistoric Through Gothic Art History FF	3
Social/Behavioral Science		3
Discipline Core Requirements:		26 Credits
Courses taken to fulfill individual program emphases will not also count toward the Discipline Core Requirements (credit will not count twice)		
ART 1120	2D Design	3
ART 1130	3D Design	3
ART 200R	Art and Design Lecture Series (1) (Must be taken 2 times)	2
ART 499R	BFA Project WE (3) (Must be taken in two consecutive semesters)	6
ARTH 2720	Renaissance Through Contemporary Art History FF	3
Complete 9 credits from the following list (please note: ART 1210 is required for Illustration BFA degrees, ART 1110 is required for Painting/Drawing BFA degrees, ART 1400 is required for Graphic Design and Illustration BFA degrees, ART 1750 is required for Photography BFA degrees):		9
ART 1110	Drawing I (3)	

ART 1210	Observational Drawing (3)	
ART 1350	Ceramics I FF (3)	
ART 1400	Graphic Computer Applications (3)	
ART 1420	Graphic Design I (3)	
ART 1750	Intro to Digital Imaging (3)	
ART 2630	Painting I (3)	
Emphasis Requirements:		45 Credits
Students emphasizing 3-D art complete the following (either ART 334R or ART 335R must be repeated):		
ART 1340	Sculpture I FF	3
ART 1350	Ceramics I FF	3
ART 1650	Watercolor FF	3
ART 2340	Sculpture II	3
ART 2350	Ceramics II	3
ART 2630	Painting I	3
ART 2680	Printmaking I	3
ART 3800	Low-Fire Ceramics	3
ART 3810	Ceramic Technologies	3
ART 4360	Mold Making and Casting	3
ART 4370	Hand Building Ceramics	3
ART 3005	Ceramic History Trends and Practices WE	3
Complete 9.0 credits of the following, with no more than 6.0 credits in one course.		9
ART 334R	Sculpture III (3)	
ART 335R	Ceramics III (3)	
Emphasis Elective Requirements:		14 Credits
Two upper-division Art History classes (6 credits)		6
Complete any ART/ARTH courses not already used (4 credits must be upper division).		8

Graduation Requirements:

1. Completion of a minimum of 120 semester credits.
2. Overall grade point average of 2.0 (C) or above with no grade lower than a C- in all Art and Design courses.
3. Residency hours--minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
4. Completion of GE and specified departmental requirements.
5. Portfolio submission required during senior year.
6. Successful completion of at least one Global/Intercultural course.

Art and Design - Sculpture and Ceramics Emphasis, B.F.A.

Careers

1. VISUAL LITERACY: Demonstrate with proficiency the ability to articulate elements and principles of design. Demonstrate with proficiency the ability to control the given (material) media.
2. PROFESSIONAL EXCELLENCE: Demonstrate with proficiency technical knowledge of studio maintenance and proper use of space and materials. Demonstrate with proficiency the ability to produce a quality sculpture/ceramics portfolio to facilitate admission into graduate schools, to approach galleries, to enter shows, or to establish other means of marketing student's work.

3. CREATIVE DIVERSITY: Demonstrate with proficiency the exploration of a range of concept development, originality, historical research, and creativity.

Related Careers

- Art, Drama, and Music Teachers, Postsecondary
- Commercial and Industrial Designers
- Graphic Designers
- Set and Exhibit Designers
- Designers, All Other

Art and Design, B.A.

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Requirements

Students who elect to earn a bachelor of arts or associate of arts degree are required to complete a foreign language requirement, while those who earn a bachelor of science or associate of science degree have the option to take more electives. All of these degrees allow students to explore a few areas within the department and gain a more well-rounded education in the visual arts.

Total Program Credits: 120

Matriculation Requirements			
Portfolio review or completion of A.A., A.S. or A.A.S. degree in Art & Design.			
General Education Requirements:			36 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGL 1005	Literacies and Composition Across Contexts CC (5)	
	ENGL 2010	Intermediate Academic Writing CC	3
Complete one of the following:			3
	MAT 1030	Quantitative Reasoning QL (3)	
	MAT 1035	Quantitative Reasoning with Integrated Algebra QL (6)	
	STAT 1040	Introduction to Statistics QL (3)	
	STAT 1045	Introduction to Statistics with Algebra QL (5)	
	MATH 1050	College Algebra QL (4)	
	MATH 1055	College Algebra with Preliminaries QL (5)	
	MATH 1090	College Algebra for Business QL (3)	
Complete one of the following:			3
	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	
	HIST 1700	American Civilization AS (3)	
	HIST 1740	US Economic History AS (3)	
	POLS 1000	American Heritage SS (3)	
	POLS 1100	American National Government AS (3)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
	HLTH 1100	Personal Health and Wellness TE	2
or	EXSC 1097	Fitness for Life TE (2)	

Art and Design

Distribution Courses:		
	Biology	3
	Physical Science	3
	Additional Biology or Physical Science	3
	Humanities Distribution (fulfilled with Foreign Language 202G/2020)	4
	ARTH 2710 Prehistoric Through Gothic Art History FF	3
	Social/Behavioral Science	3
Discipline Core Requirements:		47 Credits
	ART 1120 2D Design	3
	ART 1130 3D Design	3
	ART 200R Art and Design Lecture Series	2
	ARTH 2720 Renaissance Through Contemporary Art History FF	3
Complete 9 credits from the following list (please note: when selecting electives be mindful of prerequisite requirements for advanced courses):		9
	ART 1110 Drawing I (3)	
	ART 1210 Observational Drawing (3)	
	ART 1350 Ceramics I FF (3)	
	ART 1400 Graphic Computer Applications (3)	
	ART 1420 Graphic Design I (3)	
	ART 1650 Watercolor FF (3)	
	ART 1750 Intro to Digital Imaging (3)	
Complete 3 of the 4 following classes:		3
	ART 4820 Professional Practices for the Visual Arts I WE (1)	
	ART 4830 Professional Practices for the Visual Arts II WE (1)	
	ART 4840 Professional Presentation for the Visual Arts WE (1)	
	ART 4850 Professional Writing for the Visual Arts WE (1)	
Complete 24 credits from any ART/ARTH courses not already taken (students must have 40 upper division credit hours to graduate, see Graduation Requirement 1).		24
Elective Requirements:		37 Credits
	One Foreign Language	12
Complete any courses 1000 level or higher (students must have 40 upper division credit hours to graduate, see Graduation Requirement 1).		25

Graduation Requirements:

1. Completion of a minimum of 120 semester credits.
2. Overall grade point average of 2.0 (C) or above with no grade lower than a C- in all Art & Design courses.
3. Residency hours- minimum of 30 credit hours through course attendance at UVU, with at least 10 hours in the last 45 hours.
4. Completion of GE and specified departmental requirements.
5. Portfolio Submission.
6. Successful completion of at least one Global/Intercultural course.
7. For the BA degree, completion of 16 credit hours of course work from one language to include the 1010, 1020, 2010, and 202G/2020 levels or transferred equivalents.

Art and Design, B.A.

Careers

1. VISUAL LITERACY: Demonstrate with proficiency the creation of compositions that successfully use the elements of art and principles of design.
2. PROFESSIONAL EXCELLENCE: Demonstrate with proficiency the ability to execute a professional-level body of work (in at least one form of media) in a way that reflects a professional level of aptitude and knowledge of technical and artistic skill sets.
3. CREATIVE DIVERSITY: Demonstrate with proficiency the ability to include individual expression/voice in a given body of work or to communicate and express unique ideas.

Related Careers

- Art, Drama, and Music Teachers, Postsecondary
- Commercial and Industrial Designers
- Graphic Designers
- Set and Exhibit Designers
- Designers, All Other

Art and Design, B.S.

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Requirements

Students who elect to earn a bachelor of arts or associate of arts degree are required to complete a foreign language requirement, while those who earn a bachelor of science or associate of science degree have the option to take more electives. All of these degrees allow students to explore a few areas within the department and gain a more well-rounded education in the visual arts.

Total Program Credits: 120

Matriculation Requirements:	
Portfolio review or completion of AA, AS, or AAS degree in Art & Design	

General Education Requirements:		35 Credits
	ENGL 1010 Introduction to Academic Writing CC	3
or	ENGL 1005 Literacies and Composition Across Contexts CC (5)	
	ENGL 2010 Intermediate Academic Writing CC	3
Complete one of the following:		3
	MAT 1030 Quantitative Reasoning QL (3)	
	MAT 1035 Quantitative Reasoning with Integrated Algebra QL (6)	
	STAT 1040 Introduction to Statistics QL (3)	
	STAT 1045 Introduction to Statistics with Algebra QL (5)	
	MATH 1050 College Algebra QL (4)	
	MATH 1055 College Algebra with Preliminaries QL (5)	
	MATH 1090 College Algebra for Business QL (3)	
Complete one of the following:		3
	HIST 2700 US History to 1877 AS (3)	
and	HIST 2710 US History since 1877 AS (3)	

	HIST 1700	American Civilization AS (3)	
	HIST 1740	US Economic History AS (3)	
	POLS 1000	American Heritage SS (3)	
	POLS 1100	American National Government AS (3)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
	HLTH 1100	Personal Health and Wellness TE	2
or	EXSC 1097	Fitness for Life TE (2)	
Distribution Courses:			
	Biology		3
	Physical Science		3
	Additional Biology or Physical Science		3
	Humanities Distribution		3
	ARTH 2710	Prehistoric Through Gothic Art History FF	3
	Social/Behavioral Science		3
Discipline Core Requirements:			47 Credits
	ART 1120	2D Design	3
	ART 1130	3D Design	3
	ART 200R	Art and Design Lecture Series (1)	2
	ARTH 2720	Renaissance Through Contemporary Art History FF	3
Complete 9 credits from the following list (please note: when selecting electives be mindful of prerequisite requirements for advanced courses):			9
	ART 1110	Drawing I (3)	
	ART 1210	Observational Drawing (3)	
	ART 1350	Ceramics I FF (3)	
	ART 1400	Graphic Computer Applications (3)	
	ART 1420	Graphic Design I (3)	
	ART 1650	Watercolor FF (3)	
	ART 1750	Intro to Digital Imaging (3)	
Complete 3 of the 4 following classes:			3
	ART 4820	Professional Practices for the Visual Arts I WE (1)	
	ART 4830	Professional Practices for the Visual Arts II WE (1)	
	ART 4840	Professional Presentation for the Visual Arts WE (1)	
	ART 4850	Professional Writing for the Visual Arts WE (1)	
Complete 24 credits from any ART/ARTH courses not already taken (see Graduation Requirement 1).			24
Elective Requirements:			38 Credits
	Complete any courses 1000 level or higher (students must have 40 upper division credit hours to graduate, see Graduation Requirement 1).		38

Graduation Requirements:

1. Completion of a minimum of 120 semester credits, with a minimum of 40 of upper division credits.

2. Overall grade point average of 2.0 (C) above with no grade lower than a C-in all Art & Design courses.
3. Residency hours- minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
4. Completion of GE and specified departmental requirements.
5. Portfolio Submission.
6. Successful completion of at least one Global/Intercultural course.

Art and Design, B.S.

Careers

1. VISUAL LITERACY: Demonstrate with proficiency the creation of compositions that successfully use the elements of art and principles of design.
2. PROFESSIONAL EXCELLENCE: Demonstrate with proficiency the ability to execute a professional-level body of work (in at least one form of media) in a way that reflects a professional level of aptitude and knowledge of technical and artistic skill sets.
3. CREATIVE DIVERSITY: Demonstrate with proficiency the ability to include individual expression/voice in a given body of work or to communicate and express unique ideas.

Related Careers

- Art, Drama, and Music Teachers, Postsecondary
- Commercial and Industrial Designers
- Graphic Designers
- Set and Exhibit Designers
- Designers, All Other

Entertainment Design, B.F.A.

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Requirements

A successful career in Entertainment Design requires a limitless imagination, the ability to invent and conceptualize new realities, and an understanding of the traditional and technological tools used to do so. This interdisciplinary degree encompasses concept, character, story, place, and time relevant to the entertainment industry. Students can expect to learn the skills and creative ability required of concept artists in the disciplines of character and story development such as character design, storyboarding, motion sequencing, and art direction. As an Entertainment Designer, you will create realities and experiences that excite minds by combining art and technology to bring extraordinary experiences to life in toys, games, comics, movies, environments, and more.

Total Program Credits: 122

Matriculation Requirements:			
1. AAS Degree or equivalent in Entertainment Design or department approval			
2. Portfolio Review			
General Education Requirements:			35 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGL 1005	Literacies and Composition Across Contexts CC (5)	
	ENGL 2010	Intermediate Academic Writing CC	3
Complete one of the following: (NOTE: A higher level MATH course may substitute for this requirement)			3
	MAT 1030	Quantitative Reasoning QL (3)	

Art and Design

	MAT 1035	Quantitative Reasoning with Integrated Algebra QL (6)	
Complete one of the following:			3
	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	
	HIST 1700	American Civilization AS (3)	
	HIST 1740	US Economic History AS (3)	
	POLS 1000	American Heritage SS (3)	
	POLS 1100	American National Government AS (3)	
Complete the following:			
	PHIL 205G	Ethics and Values IH GI	3
	HLTH 1100	Personal Health and Wellness TE (2)	
or	EXSC 1097	Fitness for Life TE	2
Distribution Courses:			
	Biology		3
	Physical Science		3
	Additional Biology or Physical Science		3
	Humanities		3
	Social/Behavioral Science		3
	ARTH 2710	Prehistoric Through Gothic Art History FF	3
Entertainment Design (Lower Division Core)			33 Credits
	ART 1120	2D Design	3
	ART 1210	Observational Drawing	3
	ART 1220	Perspective Drawing	3
	ART 1400	Graphic Computer Applications	3
	ART 2220	Imagination and Visual Literacy	3
	ART 2240	Illustrative Media and Techniques II	3
	ART 2250	Gestural Drawing	3
	ART 2260	Digital Painting I	3
	ART 2270	Figure Drawing I	3
	ART 2280	3D Modeling	3
	ART 2440	Motion Graphics I	3
BFA Portfolio Review			
Entertainment Design (Upper Division Core)			45 Credits
	ART 3210	Narrative Illustration	3
	ART 3240	Head Drawing	3
	ART 3250	Environment Design	3
	ART 3260	Digital Painting II	3
	ART 3280	3D Texturing and Rendering	3
	ART 3440	Motion Graphics II	3
	ART 361R	Figure Drawing II	3
	ART 4250	Character Design	3
	ART 4260	Concept Design	3
	ART 4270	Sequential Illustration	3
	ART 4280	3D Rigging and Animation	3
	ART 4290	3D Sculpting	3

	ART 4440	Motion Graphics Studio	3
Capstone (Repeated over two consecutive semesters)			
	ART 499R	BFA Project WE (3)	6
Elective Requirements (Complete any course 1000+) or, Recommended Elective Curriculum:			9 Credits
Theatre Arts, Minor			
	THEA 1513	Stagecraft I (2)	
	THEA 1713	Script and Text Analysis I (3)	
	THEA 2513	Introduction to Design for Stage and Screen (3)	
Digital Cinema, Certificate			
	DGM 1061	Digital Cinema Editing I (3)	
	DGM 1510	Film Production Analysis (3)	
	DGM 1520	Digital Cinema Production I (3)	
Writing for Entertainment Media, Minor			
	DGM 1510	Film Production Analysis (3)	
	DGM 2570	Storytelling for Digital Media I WE (3)	
	DGM 450R	Story Editing for Digital Media (3)	

Graduation Requirements:

1. Completion of a minimum of 122 semester credits.
2. Overall grade point average of 2.0 (C) or above with no grade lower than a C- in all Art and Design courses.
3. Residency hours--minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
4. Completion of GE and specified departmental requirements.
5. Portfolio submission required during senior year.
6. Successful completion of at least one Global/Intercultural course.
7. Successful completion of at least two Writing Enriched (WE) courses.

Entertainment Design, B.F.A.

Careers

1. Employ efficient and accurate drawing and painting abilities that convey an understanding of perspective, light, material and color.
2. Apply the use of anatomy, gesture, form, and staging in figure drawing and character design.
3. Apply principles of composition, color theory, and form to concept designs and illustrations as a way to emphasize and dramatize story.
4. Combine traditional and digital tools to create a variety of concept art including creatures, characters, environments, vehicles, costumes, and props in both 2D and 3D.
5. Develop proficient problem-solving skills through the use of research and development in ideation for storyboarding and sequential art.
6. Develop skills in modeling, texturing, lighting and rendering for 3D and 2D animation.

Related Careers

- Art, Drama, and Music Teachers, Postsecondary
- Commercial and Industrial Designers
- Graphic Designers
- Set and Exhibit Designers
- Designers, All Other

Aviation Science

DEPARTMENT CHAIR

LEICK, Ryan Associate Professor

FACULTY

CHAMBERLAIN, Cory Associate Professor

HOLLISTER, Michael L. Lecturer

LEICK, Ryan Associate Professor

LEY, Stephen Associate Professor

SILCOX, Fiona Assistant Professor

SUTLIFF, Daniel Professional in Residence

TROUTT, Jack Assistant Professor

WILLIAMS, Brice Associate Professor

Degrees & Programs

Aviation Science, A.A.S.

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Requirements

The Applied Associates of Science in Professional Pilot prepares students to enter the workforce as a commercial pilot. Students receive specific training under Federal Aviation Administration (FAA) 14 CFR Part 141 and Restricted Air Transport Pilot (R-ATP) regulations to qualify for specialized employment requirements. Delivery focuses on technical training and applied exercises providing the knowledge and skills required for several licenses and ratings.

Total Program Credits: 63

Matriculation Requirements:		
Students seeking admission to the program will be required to meet the following admission requirements.		
1. Hold a second class FFA medical certificate from an Aviation Medical Examiner.		
2. An overall GPA of at least 2.5		
3. Due to limited availability of flight training resources, flight student admission into the on-campus AVSC 100 Ground I - Private and AVCS 1110 Flight I - Private course, when necessary, may require selection through a competitive application process.		
General Education Requirements:		18 Credits
	ENGL 1010	Introduction to Academic Writing CC
or	ENGL 1005	Literacies and Composition Across Contexts CC
Complete one of the following:		3
	MAT 1030	Quantitative Reasoning QL (3)
	MAT 1035	Quantitative Reasoning with Integrated Algebra QL (6)
	STAT 1040	Introduction to Statistics QL (3)
	STAT 1045	Introduction to Statistics with Algebra QL (5)
	MATH 1055	College Algebra with Preliminaries QL (5)

	MATH 1090	College Algebra for Business QL (3)	
Social/Behavioral Science			3
Complete three courses with no more than one from any of the following GE distributions			9
American Institutions *			
Physical Science			
Additional Physical Science or Biology **			
Humanities Distribution			
Fine Arts Distribution			
Discipline Core Requirements:			45 Credits
	AVSC 1010	Survey of Aviation Science	3
	AVSC 1100	Ground I - Private	3
	AVSC 1110	Flight I - Private	3
	AVSC 1240	Ground II - Instrument	3
	AVSC 1250	Flight II - Instrument II	3
	AVSC 2070	Communications for Aviation Professionals WE	3
	AVSC 2110	Aviation Weather	3
	AVSC 2130	Aviation Safety	3
	AVSC 2150	Air Transportation Management	3
	AVSC 2300	Ground IV - Commercial	3
	AVSC 2310	Flight IV - Commercial	3
Elective Credits			12
Notes:			
*If student chooses HIST 2700 US History to 1877 AS and HIST 2710 US History since 1877 AS, the additional hours may be used towards a social science distribution requirement.			
**METO 1010 Introduction to Meteorology PP recommended.			

Graduation Requirements:

1. Completion of a minimum of 63 or more semester credits.
2. Overall grade point average of 2.0 (C) or above. Aviation courses require a C- or above.
3. Residency hours--minimum of 20 credit hours through course attendance at UVU.
4. Completion of Commercial Pilot Certificate.

Aviation Science, A.A.S.

Careers

1. Demonstrate knowledge of FAA written exam material with score of 80% or above.
2. Students will satisfactorily demonstrate knowledge, maneuvers and skills of an instrument rated commercial, multi-engine pilot to FAA standards.
3. Students will manage all available equipment, systems and people in normal and emergency operations while mitigating threats and errors.
4. Students will self-critique ability to gather available data, identify possible courses of action, evaluate risk inherent in each course of action and make appropriate decisions.
5. Students will produce professional quality reports and effectively present the information to an audience using appropriate technology.

Aviation Science

Related Careers

- Airline Pilots, Copilots, and Flight Engineers
- Commercial Pilots

Aviation Science, A.S.

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Requirements

The A.S. degree is designed to prepare the student with all the ratings necessary to be qualified for entry-level jobs in the aviation field. Obtaining an associate degree helps the graduate prepare for a diversity of job-related responsibilities and prepares students to enter directly into the B.S. degree.

Total Program Credits: 62

General Education Requirements:		35 Credits
	ENGL 1010 Introduction to Academic Writing CC	3
or	ENGL 1005 Literacies and Composition Across Contexts CC (5)	
	ENGL 2010 Intermediate Academic Writing CC	3
Complete one of the following:		3
	MAT 1030 Quantitative Reasoning QL (3) (recommended for Humanities or Arts majors)	
	MAT 1035 Quantitative Reasoning with Integrated Algebra QL (6)	
	STAT 1040 Introduction to Statistics QL (3)	
	STAT 1045 Introduction to Statistics with Algebra QL (5)	
	MATH 1050 College Algebra QL(4) (recommended for Business, Education, Science, and Health Professions majors)	
	MATH 1055 College Algebra with Preliminaries QL (5)	
	MATH 1090 College Algebra for Business QL (3)	
Complete one of the following:		3
	HIST 2700 US History to 1877 AS (3)	
and	HIST 2710 US History since 1877 AS (3) ¹	
	HIST 1700 American Civilization AS (3)	
	HIST 1740 US Economic History AS (3)	
	POLS 1000 American Heritage SS (3)	
	POLS 1100 American National Government AS (3)	
Complete the following:		
	PHIL 2050 Ethics and Values IH	3
	HLTH 1100 Personal Health and Wellness TE (2)	
or	EXSC 1097 Fitness for Life TE	2
Distribution Courses:		
	Biology	3
	Physical Science ²	3
	Additional Biology or Physical Science ³	3

	Humanities Distribution ⁴	3
	Fine Arts Distribution	3
	Social/Behavioral Science ⁵	3
Discipline Core Requirements:		18 Credits
	AVSC 1010 Survey of Aviation Science	3
or	AVSC 1050 Introduction to Aviation Management (3)	
	AVSC 1100 Ground I - Private	3
	AVSC 2070 Communications for Aviation Professionals WE	3
or	MKTG 220G Written Business Communication GI WE (3)	
	AVSC 2110 Aviation Weather	3
	AVSC 2130 Aviation Safety	3
	AVSC 2150 Air Transportation Management	3
Elective Requirements:		9 Credits
	Elective credits	9

Graduation Requirements:

1. Completion of a minimum of 62 or more semester credits.
2. Overall grade point average of 2.0 (C) or above. Aviation courses require a C- or above. (Departments may require a higher GPA.)
3. Residency hours--minimum of 20 credit hours through course attendance at UVU.
4. Completion of GE and specified departmental requirements.

Footnotes

1. If student chooses HIST 2700 and HIST 2710 as the additional hours may be used towards a social science distribution requirement.
2. PHYS 1850 The Physics of Aviation PP recommended
3. METO 1010 Introduction to Meteorology PP recommended
4. COMM 1020 Public Speaking HH recommended
5. PSY 1010 General Psychology SS recommended

Aviation Science, A.S. Careers

1. Demonstrate knowledge of FAA written exam material with score of 80% or above
2. Students will satisfactory demonstrate knowledge, maneuvers and skills of an instrument rated commercial, multi-engine pilot to FAA standards.
3. Students will manage all available equipment, systems and people in normal and emergency operations while mitigating threats and errors.
4. Students will self-critique ability to gather available data, identify possible courses of action, evaluate risk inherent in each course of action and make appropriate decisions.
5. Students will produce professional quality reports and effectively present the information to an audience using appropriate technology.

Related Careers

- Airline Pilots, Copilots, and Flight Engineers
- Commercial Pilots

Aviation Science, Certificate of Proficiency

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than provided, you may contact the Assistive Technology Center at ACCESSIBLETECH@uvu.edu or 801-863-6788.

Requirements

The Certificate of Proficiency in Aviation Science is available for all UVU students with an aviation particular focus designed to provide high school students an opportunity to obtain a stackable certificate of proficiency with an emphasis in career and technical education while still enrolled in high school. This certificate is available from the University for college students/adults looking for basic entry-level skills leading to further academic advancement.

Total Program Credits: 15

Discipline Core Requirements:		15 Credits
	ENGL 1010 Introduction to Academic Writing CC	3
or	ENGH 1005 Literacies and Composition Across Contexts CC (5)	
	HIST 1700 American Civilization AS	3
Complete one of the following:		3
	MAT 1030 Quantitative Reasoning QL	
	MAT 1035 Quantitative Reasoning with Integrated Algebra QL	
	STAT 1040 Introduction to Statistics QL	
	STAT 1045 Introduction to Statistics with Algebra QL	
	MATH 1050 College Algebra QL	
	MATH 1055 College Algebra with Preliminaries QL	
	MATH 1090 College Algebra for Business QL	
	AVSC 1010 Survey of Aviation Science QL	3
Complete one of the following:		3
	AVSC 1100 Ground I - Private	
	AVSC 2110 Aviation Weather	
	AVSC 2150 Air Transportation Management	

Graduation Requirements:

1. Overall grade point average of 2.0 (C) or above.
2. Completion of 16 credit hours in subjects included in the course list.
3. All courses must be completed with a grade of C- or better.

Aviation Science, Certificate of Proficiency Careers

1. Investigate aviation/aerospace career opportunities and associated skills required in aviation preparation for aviation employment.
2. Identify aviation applications including aerospace technology and terminology.
3. Explain the aerodynamic principles of flight that affect aircraft operation.
4. Apply knowledge of pilotage, dead reckoning, and radio navigation in conjunction with the aeronautical charts, plotters, flight computers, and flight publications necessary for cross-country flight.

Related Careers

- Airline Pilots, Copilots, and Flight Engineers
- Commercial Pilots

Aerospace Technology Management, B.S.

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Requirements

The BS in Aerospace Technology Management from Utah Valley University is designed to prepare graduates for various technical aerospace professional roles across a products life cycle. Skills associated with air and space vehicle sustainability systems and risk management, customer management, project management, aftermarket services, business development, manufacturing and inspection processes, safety management systems, and process improvement will be learned and applied. The program will provide a completion degree for students who possess the Airframe and Powerplant ratings of an FAA issued Aircraft Maintenance Technician Certificate under the rules defined by FAR Part 65 or possess a license as an Aircraft Maintenance Engineer (Cat B1) issued under EASA Part 66 regulations.

Total Program Credits: 123

Matriculation Requirements:			
Completion of a Technical Specialty associated with FAA issued Airframe & Powerplant Maintenance Technician Certificate issued under rules of FAR Part 65 OR Completion of an Associates in Science or an Associates of Applied Science Degree from a regionally accredited institution of higher education with a designated technical specialty associated with FAA issued Airframe & Powerplant Maintenance Technician Certificate issued under the rules of FAR Part 147 OR possess a license as an Aircraft Maintenance Engineer (AME) (Cat B1) issued under EASA Part 66 regulations. A total not to exceed 45 credit hours will be awarded for evidence of the possession of the A&P or AME certificate.			
General Education Requirements			35 Credits
	ENGL 1010 Introduction to Academic Writing CC	3	
or	ENGH 1005 Literacies and Composition Across Context CC (5.0)		
	ENGL 2010 Intermediate Academic Writing CC	3	
Complete one of the following:			3
	MAT 1030 Quantitative Reasoning QL (3.0)		
	MAT 1035 Quantitative Reasoning with Integrated Algebra QL (6.0)		
	STAT 1040 Introduction to Statistics QL (3.0)		
	STAT 1045 Introduction to Statistics with Algebra QL (5.0)		
	MATH 1050 College Algebra QL (4.0)		
	MATH 1055 College Algebra with Preliminaries QL (5.0)		
	MATH 1090 College Algebra for Business QL (3.0)		
Complete one of the following:			3
	POLS 1000 American Heritage SS (3.0)		
	POLS 1100 American National Government AS (3.0)		
	HIST 1700 American Civilization AS (3.0)		
	HIST 1740 US Economic History AS (3.0)		
	HIST 2700 US History to 1877 AS (3.0)		
and	HIST 2710 US History since 1877 AS (3.0)		
Complete the following:			

Aviation Science

	PHIL 2050	Ethics and Values IH	3
	HLTH 1100	Personal Health and Wellness TE (2.0)	
or	EXSC 1097	Fitness for Life TE	2
Distribution Courses:			
		Biology	3
		Physical Science (PHYS 1850 recommended)	3
		Humanities (ENGL 2100 recommended)	3
		Fine Arts	3
		Social/Behavioral Science	3
		Additional Biology or Physical Science (TECH 1010 or METO 1010 recommended)	3
		Technical Core Requirement	45 Credits
		Completion of a Technical Specialty associated with FAA issued Airframe & Powerplant Maintenance Technician Certificate issued under rules of FAR Part 65 OR Completion of an Associates in Science or an Associates of Applied Science Degree from a regionally accredited institution of higher education with a designated technical specialty associated with FAA issued Airframe & Powerplant Maintenance Technician Certificate issued under the rules of FAR Part 147 OR possess a license as an Aircraft Maintenance Engineer (AME) (Cat B1) issued under EASA Part 66 regulations. A total not to exceed 45 credit hours will be awarded for evidence of the possession of the A&P or AME certificate.	45
		Discipline Core Requirements	30 Credits
	TECH 3400	Project Management WE	3
	TECH 3850	Quality Management in Technology	3
	AVSC 2150	Air Transportation Management	3
	AVSC 3320	Aviation Managerial Accounting	3
	AVSC 4500	Aerospace Aftermarket Support Services	3
	AVSC 4550	Aerospace Vehicle Certification-Reliability-Maintainability Systems	3
	AVSC 4950	Aerospace Technology Management Capstone Project WE	3
	AVSC 410G	Global Ethical and Professional Issues in Aviation GI	3
		Complete (2) of the following:	6
	AVSC 3100	Corporate Aviation Management (3)	
	AVSC 3020	Aviation Insurance and Risk Management (3)	
	AVSC 3090	Airline and Dispatch Operations (3)	
	AVSC 3310	Aviation Logistics Management (3)	
	AVSC 3150	Principles of Aviation Management (3)	
	AVSC 3350	Aviation Labor and Human Resource (3)	
	AVSC 4160	Aviation Law WE (3)	
		Elective Requirements	13 Credits
		Complete 13 upper division credits	13

Graduation Requirements:

1. Completion of a minimum of 123 semester credits.
2. Overall grade point average of 2.0 (C) or above.

3. No grade lower than a C- in any AVSC or TECH course.
4. Residency hours - Minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
5. Completion of GE and specified departmental requirements.
6. Successful completion of at least one (1) Global/Intercultural course.

Aerospace Technology Management, B.S. Careers

Program Learning Outcomes

1. Evaluate current market conditions, customer requirements, and aerospace vehicle support requirements, and demonstrate the knowledge, skills, and procedures to successfully design an effective aerospace support organization in a simulated aerospace operations setting.
2. Identify in a teams setting a current issue and propose a viable solution through a formal report and presentation that will be associated with topics involving aerospace vehicles (or component) certification standards, regulatory requirements, maintenance planning, safety management, and training within one of the aerospace sectors.
3. Synthesize acquired knowledge, judgment, and expertise in an operational setting.

Related Careers

- Aerospace Engineering and Operations Technicians

Aviation Management, B.S.

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Requirements

This degree is designed to develop practical leadership skills for a variety of careers in the aviation industry. Courses are based on real world aviation needs and are developed through ties with industry experts. The curriculum will prepare students with a broad range of knowledge and skills, including airline and airport management, aviation security and safety, marketing, aviation finance, human resources, and many others.

Total Program Credits: 120

Matriculation Requirements:			
Students seeking admission to the program will be required to meet the following admissions requirements:			
		1. Completion of ENGL 1010 or ENGH 1005 and 25 aviation credits with a grade of C+ or higher	
		2. Overall GPA of at least 2.5	
General Education Requirements:			35 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGH 1005	Literacies and Composition Across Contexts CC (5)	
	ENGL 2010	Intermediate Academic Writing CC	3
Complete one of the following:			3
	MAT 1030	Quantitative Reasoning QL (3)	
	MAT 1035	Quantitative Reasoning with Integrated Algebra QL (6)	
	MATH 1050	College Algebra QL (4)	

	MATH 1055	College Algebra with Preliminaries QL (5)	
	MATH 1090	College Algebra for Business QL (3)	
	STAT 1040	Introduction to Statistics QL (3)	
	STAT 1045	Introduction to Statistics with Algebra QL (5)	
Complete one of the following:			3
	POLS 1000	American Heritage SS (3)	
	POLS 1100	American National Government AS (3)	
	HIST 1700	American Civilization AS (3)	
	HIST 1740	US Economic History AS (3)	
	HIST 2700	US History to 1877 AS (3) ¹	
and	HIST 2710	US History since 1877 AS (3) ¹	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
	HLTH 1100	Personal Health and Wellness TE (2)	
or	EXSC 1097	Fitness for Life TE	2
	Biology (BIOL 1010 recommended)		3
	Physical Science ²		3
	Additional Biology or Physical Science ³		3
	Humanities Distribution ⁴		3
	Fine Arts Distribution		3
	Social/Behavioral Science ⁵		3
Discipline Core Requirements:			85 Credits
	AVSC 1010	Survey of Aviation Science	3
or	AVSC 1050	Introduction to Aviation Management (3)	
	AVSC 1100	Ground I - Private	3
	AVSC 2070	Communications for Aviation Professionals WE	3
or	MKTG 220G	Written Business Communication GI WE (3)	
	AVSC 2090	Air Transport Economics	3
or	ECON 2020	Principles of Economics II SS (3)	
	AVSC 2110	Aviation Weather	3
	AVSC 2130	Aviation Safety	3
	AVSC 2150	Air Transportation Management	3
	AVSC 2180	Managing Technology in Aviation	3
	AVSC 2250	Aviation Business Statistics	3
	AVSC 2710	Aviation Marketing	3
	AVSC 3020	Aviation Insurance and Risk Management	3
	AVSC 3030	Air Traffic Control I	3
	AVSC 3060	Airline Management	3
	AVSC 3090	Airline and Dispatch Operations	3
	AVSC 3100	Corporate Aviation Management	3
	AVSC 3120	Airport Management	3

	AVSC 3150	Principles of Aviation Management	3
	AVSC 3320	Aviation Managerial Accounting	3
or	ACC 3000	Financial Managerial and Cost Accounting Concepts (3)	
	AVSC 4020	Applied Aviation Finance	3
	AVSC 410G	Global Ethical and Professional Issues in Aviation GI	3
	AVSC 4160	Aviation Law WE	3
	AVSC 4700	Aviation Professional Seminars	3
	AVSC 4710	Aviation Career Preparation	1
	AVSC 4900	Strategic Aviation Management Capstone	3
Elective Requirements:			15 Credits
Must complete 15 credits.			15

Graduation Requirements:

1. Completion of a minimum of 120 or more semester credits, with a minimum of 40 upper division semester credits.
2. Overall grade point average of 2.0 (C) or above. Aviation courses require a C- or above. (Departments may require a higher GPA.)
3. Residency hours--minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
4. Students may count no more than 8 credit hours of total cooperative work experience (AVSC 281R/AVSC 285R /AVSC 481R/AVSC 485R toward the degree requirement without department approval.
5. Successful completion of at least one Global/Intercultural course.

Footnote:

1- If student chooses HIST 2700 and HIST 2710, the additional hours may be used towards a social science distribution requirement.

2-PHYS 1010 Elementary Physics PP recommended

3-METO 1010 Introduction to Meteorology PP recommended

4-COMM 1020 Public Speaking HH recommended

5-PSY 1010 General Psychology SS recommended

Aviation Management, B.S. Careers

Program Learning Outcomes

1. Evaluate current market conditions and demonstrate the knowledge, skills, and procedures to successfully manage aerospace operations in a simulated aviation business setting.
2. In a team setting, students will create a viable business plan that includes business overview, market analysis, sales and marketing plan, ownership and management plan, operating and financial plan.
3. Synthesize acquired knowledge, judgment, and expertise in a business setting.

Related Careers

- Transportation, Storage, and Distribution Managers

Professional Pilot, B.S.

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Requirements

The Bachelor of Science in Professional Pilot prepares students to enter the work force as a certified flight instructor and commercial, multi-engine rated pilot. Students receive specific training under Federal Aviation Administration (FAA) 14 CFR Part 141 and Restricted Air Transport Pilot (R-ATP) regulations to qualify for specialized employment requirements with a regional airline. Delivery focuses on technical training and applied exercises providing the knowledge and skills required for several licenses and ratings.

Total Program Credits: 120

Matriculation Requirements:			
Students seeking admission to the program will be required to meet the following admission requirements:			
<ol style="list-style-type: none"> 1. Hold a second class FAA medical certificate from an FAA designated Medical. 2. An overall GPA of at least 2.5. 3. Due to limited availability of flight training resources, flight student admission into the on-campus AVSC 1110 Flight I - Private Pilot course, when necessary, may require selection through a competitive point based application. 			
General Education Requirements:			35 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGL 1005	Literacies and Composition Across Contexts CC (5)	
	ENGL 2010	Intermediate Academic Writing CC	3
Complete one of the following:			3
	MAT 1030	Quantitative Reasoning QL (3) (recommended for Humanities or Arts majors)	
	MAT 1035	Quantitative Reasoning with Integrated Algebra QL (6)	
	MATH 1050	College Algebra QL (4) (recommended for Business, Education, Science, and Health Professions majors)	
	MATH 1055	College Algebra with Preliminaries QL (5)	
	STAT 1040	Introduction to Statistics QL (3)	
	STAT 1045	Introduction to Statistics with Algebra QL (5)	
Complete one of the following:			3
	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3) ¹	
	HIST 1700	American Civilization AS (3)	
	HIST 1740	US Economic History AS (3)	
	POLS 1000	American Heritage SS (3)	
	POLS 1100	American National Government AS (3)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
	HLTH 1100	Personal Health and Wellness TE (2)	
or	EXSC 1097	Fitness for Life TE	2
Distribution Courses:			
	Biology		3
	Physical Science		3

	Additional Biology or Physical Science ²	3
	Humanities Distribution ³	3
	Fine Arts Distribution	3
	Social/Behavioral Science ⁴	3
Discipline Core Requirements:		68 Credits
AVSC 1010	Survey of Aviation Science	3
AVSC 1100	Ground I - Private	3
AVSC 1110	Flight I - Private	3
AVSC 1240	Ground II - Instrument	3
AVSC 1250	Flight II - Instrument II	3
AVSC 2070	Communications for Aviation Professionals WE	3
AVSC 2110	Aviation Weather	3
AVSC 2130	Aviation Safety	3
AVSC 2150	Air Transportation Management	3
AVSC 2300	Ground IV - Commercial	3
AVSC 2310	Flight IV - Commercial	3
AVSC 2450	Flight III - Multi Engine	1
AVSC 2440	Ground III - Multi Engine	1
AVSC 3090	Airline and Dispatch Operation	3
AVSC 3030	Air Traffic Control I	3
AVSC 3200	Flight Physiology	3
AVSC 3300	Jet Transport Systems	3
AVSC 3400	International Flight Operations	3
AVSC 3530	Flight Aerodynamic	3
AVSC 3600	Multi-piloted Operations	3
AVSC 410G	Global Ethical and Professional Issues in Aviation GI	3
AVSC 4700	Aviation Professional Seminars	3
AVSC 4160	Aviation Law WE	3
AVSC 4800	Professional Pilot Capstone	3
Elective Requirements:		17 Credits
Upper division elective credits		9
1000+ Electives		8

Graduation Requirements:

1. Completion of a minimum of 120 or more semester credits, with a minimum of 40 upper division semester credits.
2. Overall grade point average of 2.0 (C) or above. Aviation courses require a C- or above. (Departments may require a higher GPA.)
3. Residency hours--minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
4. Completion of Commercial Pilot Certificate.
5. Students in the Professional Pilot degree should obtain an FAA Class I or II Medical Certificate prior to beginning flight training.
6. Students may count no more than 8 credit hours of total cooperative work experience (AVSC 281R/285R/481R/485R) toward the degree requirements without department approval.
7. Successful completion of at least one Global/Intercultural course.

8. Successful completion of at least two Writing Enriched (WE) courses.

Footnote:

1. If student chooses HIST 2700 and HIST 2710, the additional hours may be used towards a social science distribution requirement.
2. METO 1010 recommended
3. COMM 1020 recommended
4. PSY 1010 recommended

Professional Pilot, B.S.**Careers**

1. Students will satisfactorily demonstrate knowledge, maneuvers and skills of an instrument rated commercial, multi-engine pilot to FAA standards.
2. Students will manage all available equipment, systems and people in normal and emergency operations while mitigating threats and errors.
3. Students will self-critique their ability to gather available data, identify possible courses of action, evaluate risk inherent in each course of action and make appropriate decisions.
4. Students will produce professional quality reports and effectively present the information to an audience using appropriate technology.
5. Students will demonstrate self-directed learning to complete a professional industry certification, training course or an approved internship program.

Related Careers

- Airline Pilots, Copilots, and Flight Engineers
- Commercial Pilots

Behavioral Science

CLINICAL DIRECTOR

PETERSON, Colleen *Assistant Professor*

FACULTY

ANDELIN, Lane B. *Lecturer*
 ANDERSON, Christopher D *Assistant Professor*
 AROCHO, Rachel *Assistant Professor*
 BAILEY, Russell *Associate Professor*
 BODEN, Jeremy *Associate Professor*
 BRETON, Brett *Assistant Professor*
 BROOKS, Malisa *Assistant Professor*
 CHAKRAVARTY, Debjeni *Associate Professor*
 CHOU, Grace *Professor*
 COTTLE, Nathan *Professor*
 DRAPER, Matthew *Professor*
 DULIN, John *Assistant Professor*
 EGGERTSEN, Lars *Associate Professor*
 FAWCETT, Elizabeth *Assistant Professor*
 GULL, Bethany *Lecturer*
 HAMMOND, Ronald J. *Professor*
 HASLAM, Darryl R. *Assistant Professor*
 HOPKIN, Cameron *Lecturer*
 HUGHES, Anthony *Lecturer*
 HYDO, Mykenzie *Assistant Professor*
 HYDO, Richard J. *Lecturer*
 JOHN, Cameron R. *Associate Professor*
 JORGENSEN, Claudia *Associate Professor*
 KNOWLTON, David Clark *Professor*
 KOPP, Kristopher *Assistant Professor*
 LAMBERT, Kristin *Assistant Professor*
 LARCHE-TAUZIN, Aurelie *Lecturer*
 LOWE, Paige *Assistant Professor*
 MISBACH, Alan R. *Associate Professor*
 NELSON, Julie *Assistant Professor*
 NIELSON, Elijah K. *Assistant Professor*
 NOEL, Natalie *Lecturer*
 OLDROYD, Kristina *Assistant Professor*
 OVEROYE, Acacia *Assistant Professor*
 PANOS, Angelea *Assistant Professor*
 PETERSON, Colleen *Assistant Professor*
 PETERSON, Katelyn *Lecturer*
 POSTLER, Kaicee *Assistant Professor*
 POULSON, Barton *Associate Professor*
 SCHLOSNAGLE, Leo *Assistant Professor*
 SHUBERT, Jennifer *Assistant Professor*
 SIMON, Alexander *Professor*
 SPENCER, Todd A. *Assistant Professor*
 TAYLOR, James *Assistant Professor*
 TODD, Haley *Lecturer*
 TOLMAN, Anton *Professor*
 WENDT, Douglas *Lecturer*
 YANG, Qingling *Lecturer*
 YIN, Yingxian *Lecturer*

Degrees & Programs

Advanced Substance Use Disorder Counseling, Certificate of Proficiency

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Requirements

The UVU Behavioral Science Department offers classes that fulfill the social science distribution requirements for graduation, the Behavioral Science pre-major for the associate degree, the Behavioral Science major for the bachelor degree (with an emphasis in Anthropology, Family Studies, Psychology, or Sociology, a Bachelor of Social Work, and a Certificate of Proficiency in Substance Use Disorder Counseling (SUDC).

Total Program Credits: 32

Matriculation Requirements:			9 Credits
Students must apply and be admitted to the UVU SUDC program. The following four courses must be completed with a C- grade or higher prior to starting the SUDC program. Completion of these courses, as well as University Advanced Standing, must be verified on the application for admission. For additional admission information for this program please visit www.uvu.edu/besc/sudc.html .			
ENGL 2010	Intermediate Academic Writing CC		3
PSY 1010	General Psychology SS		3
PSY 1100	Human Development Life Span SS		3
PSY 2300	Abnormal Psychology		3
Discipline Core Requirements:			23 Credits
SUDC 4710	Introduction to Professional Development		2
SUDC 4300	Introduction to Substance Use Disorder Counseling		3
SUDC 3470	Dynamics of Addiction		3
SUDC 3430	Psychopharmacology for the Substance Use Disorder Counseling Field		3
SUDC 4400	Advanced Substance Use Disorder Counseling		3
SUDC 4720	Advanced Professional Development		3
SUDC 481R	Internship		6

Graduation Requirements:

1. Completion of a minimum of 32 semester credits.
2. Overall grade point average of a 2.0 (C) or above. All courses must be passed with a C- grade or higher in order for students to receive their Certificate of Proficiency from this program.
3. Upon completion of the UVU SUDC Certificate of Proficiency program, students will work with the Utah Division of Occupational and Professional Licensing (DOPL) in regards to meeting the additional licensing requirements and obtaining their SUDC or ASUDC license(s).
4. Residency hours -- minimum of 8 credit hours through course attendance at UVU.

Advanced Substance Use Disorder Counseling, Certificate of Proficiency Careers

1. Students will be able to identify behaviors and problems related to substance use.
2. Students will be able to develop personalized recovery programs that establish healthy behaviors and coping strategies for clients.

Related Careers

- Mental Health Counselors

Interdisciplinary Gerontology, Certificate of Proficiency

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Requirements

This is an interdisciplinary undergraduate gerontology certificate that allows students to build a unique set of credentials they compose from a menu of existing UVU courses that meet the guidelines set forth by the Association for Gerontology in Higher Education (AGHE).

Total Program Credits: 18

Discipline Core Requirements:		9 Credits
Complete 9 credits from this list of core classes:		9
	PSY 1100	Human Development Life Span SS (3)
or	FAMS 1500	Human Development Life Span (3)
	SOC 375G	Sociology of Aging GI (3)
	SW 355G	Thanatology--Death and Dying GI (3)
Elective Requirements:		9 Credits
Complete 6 credits from this list of core classes:		6
	FAMS 3850	Adult Development and Aging (3)
	EXSC 4100	Physiology of Aging (3)
	FAMS 2800	Teaching Human Sexuality (3)
or	HLTH 2800	Human Sexuality SS (3)
or	PSY 2800	Human Sexuality SS (3)
	COMM 3410	Fundamentals of Mediation and Negotiation (3)
	FAMS 4300	Family Dispute Resolution (3)
	FAMS 4500	Family Life Education Methodology WE (3)
	FAMS 4660	Family Financial and Resource Management (3)
	HLTH 3240	Womens Health Issues (3)
	HLTH 350G	International Health GI (3)
	HLTH 3300	Health Promotion for Older Adults (3)
	HLTH 3400	Human Diseases (3)
	HLTH 3800	Epidemiology (3)
	NURS 2325	Nursing Practice Simulation and Skills Lab I (2)
or	NURS 2415	Nursing Care of Adults with Common Health Needs Clinical (2)

or	NURS 3335	Nursing Care of Individuals with Complex Health Needs Clinical (2)	
or	NURS 3405	Patient Care Coordination and Management Preceptorship (2)	
or	NURS 4325	Nursing in the Community Clinical (1)	
	NURS 2420	Nursing Care of the Aging Population (2)	
	NURS 4230	Palliative Care in Nursing (3)	
	NUTR 2020	Nutrition Through the Life Cycle BB (3)	
	PSY 3220	Adult Development and Aging WE (3)	
	PSY 2300	Abnormal Psychology (3)	
	PSY 3420	Cognitive Psychology WE (3)	
	SW 1010	Introduction to Social Work (3)	
	SW 2100	Human Behavior and the Social Environment I (3)	
	SW 3400	Human Behavior and the Social Environment II (3)	
Complete any 3 credits from AGHE Competency III (part 11) Internship/Research Courses:			3
	BESC 481R	Senior Internship (1-8)	
	EXSC 481R	Internship in Exercise Science (1-8)	
	FAMS 481R	Community Practicum (1-8)	
	HLTH 482R	Health Internship (1-8)	
	NURS 4240	Promoting Active Senior Lifestyles (2)	
	NURS 481R	Internship in Nursing (1-3)	
	NURS 489R	Undergraduate Research in Nursing (1-4)	
	NURS 490R	Special Topics in Nursing (1-4) ^{1,2}	
	NURS 495R	Independent Study in Nursing (1-3)	
	PSY 482R	Internship Seminar (1)	
	SW 481R	Field Placement (1-8)	

Graduation Requirements:

1. Completion of a Minimum of 18 Semester Credits.
2. Overall GPA of 2.0 or above upon graduation.
3. Residency hours -- minimum of 5 credit hours through course attendance at UVU.

Footnotes:

1-If course not already taken.

2-Must have departmental approval as course matter rotates.

Interdisciplinary Gerontology, Certificate of Proficiency Careers

1. Identify simple and complex issues that the gerontology population face.
2. Develop plans, protocols, and strategies to address issues within the gerontology population.
3. Implement plans and strategies while working with the gerontology population.

Related Careers

- Medical Scientists, Except Epidemiologists

Behavioral Science

- Social Scientists and Related Workers, All Other

Substance Use Disorder Counseling, Certificate of Proficiency

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Requirements

The UVU Behavioral Science Department offers classes that fulfill the social science distribution requirements for graduation, the Behavioral Science pre-major for the associate degree, the Behavioral Science major for the bachelor degree (with an emphasis in Anthropology, Family Studies, Psychology, or Sociology, a Bachelor of Social Work, and a Certificate of Proficiency in Substance Use Disorder Counseling (SUDC).

Total Program Credits: 26

Matriculation Requirements:		12 Credits
Students must apply and be admitted to the UVU SUDC program. The following four courses must be completed with a C- grade or higher prior to starting the SUDC program.		
ENGL 2010	Intermediate Academic Writing CC	3
PSY 1010	General Psychology SS	3
PSY 1100	Human Development Life Span SS	3
PSY 2300	Abnormal Psychology	3
Completion of these courses, as well as University Advanced Standing, must be verified on the application for admission. For additional admission information for this program please visit www.uvu.edu/besc/sudc.html .		
Discipline Core Requirements:		14 Credits
SUDC 4710	Introduction to Professional Development	2
SUDC 4300	Introduction to Substance Use Disorder Counseling	3
SUDC 3470	Dynamics of Addiction	3
SUDC 3430	Psychopharmacology for the Substance Use Disorder Counseling Field	3
SUDC 481R	Internship (1-8)	3

Graduation Requirements:

1. Completion of a minimum of 26 semester credits.
2. Overall grade point average of 2.0 (C) or above. All courses must be passed with a C- grade or higher in order for students to receive their certificate of completion from this program.
3. Upon completion of the UVU SUDC Certificate of Proficiency program, students will work with the Utah Division of Occupational and Professional Licensing (DOPL) in regards to meeting additional licensing requirements and obtaining their SUDC or ASUDC license(s).
4. Residency hours -- Minimum of 6 credit hours through course attendance at UVU.

Substance Use Disorder Counseling, Certificate of Proficiency Careers

1. Students will be able to identify behaviors and problems related to substance use.

2. Students will be able to develop personalized recovery programs for their clients that establish healthy behaviors and coping strategies and they will do so in strict adherence to professional ethics.

Related Careers

- Mental Health Counselors

Anthropology, Minor

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Requirements

The BA/BS/Minor will give students the opportunity to earn a full major/minor in the field of anthropology. Students who obtain this degree will a) develop anthropological knowledge, enabling them to analyze trends in culture and society, b) methodological competence, learning to apply anthropological methods for learning about cultural/ideological differences and navigating them in daily life, and c) essential skills, written and spoken communication, analytic reading and writing, building rapport with people from different backgrounds. The Minor in Anthropology will allow students pursuing other majors to earn a credential that suggests critical thinking skills, writing ability, and cultural sensitivity.

Total Program Credits: 18

Discipline Core Requirements:		6 Credits
ANTH 101G	Social Cultural Anthropology SS GI	3
ANTH 2880	Introduction to Theory and Ethnography WE	3
Elective Requirements:		12 Credits
Any anthropology course numbered 3000 or higher		12

Cognitive Neuroscience, Minor

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Requirements

The Minor in Cognitive Neuroscience is for students who desire a career in the cognitive or neuroscience areas within psychology, including becoming a human factors consultant, a clinical neuropsychologist, a neuroscience research technician, or director of memory care for individuals with dementia. The curriculum will expose students to understand the biology and chemistry that underlie nervous system functioning and human behavior as well as the relationship between these biological bases and cognition.

Total Program Credits: 19

Matriculation Requirements:		
1. Admitted to a bachelor degree program at UVU.		
Core Requirements:		20 Credits
PSY 1010	General Psychology SS	3
PSY 2710	Introduction to Brain and Behavior SS	3

	PSY 3420	Cognitive Psychology WE	3
Choose one			4
	PSY 3450	Behavioral Neuroscience	
	PSY 3490	Sensation and Perception WE	
Electives:			6 Credits
	PSY 3450	Behavioral Neuroscience (if not already taken as a requirement above)	
	PSY 3490	Sensation and Perception (if not already taken as a requirement above)	
	PSY 3425	Cognitive Psychology Lab	
	PSY 3430	Psychopharmacology WE	
	PSY 3480	Principles of Learning	

Cognitive Neuroscience, Minor Careers

1. Students will critically analyze quantitative data in order to draw empirically supported conclusions about human behaviors.
2. Students will write in a professional manner, defined as a mastery of the mechanics of basic writing, the conventions of professional writing (e.g., conforming to a publication style), and the ability to produce a coherent argument.
3. Students will demonstrate specialized knowledge regarding the nervous system, cognition, neuropsychological conditions, and research techniques for studying the brain and cognition.

Related Careers

- Natural Sciences Managers
- Postsecondary Teachers, All Other

Family Science, Minor

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Requirements

This minor provides individuals insight into relationship and group dynamics. This includes important relationship skills, such as speaking, listening, and other communication skills that could be applied to family and professional settings. Content in the minor may also include important research findings and evidence-based curricula listed on the National Registry of Evidence-based Programs and Practices (NREPP) on the SAMHSA website.

Total Program Credits: 18

Discipline Core Requirements:			18 Credits
FAMS 240G	Contemporary Family Relations GI		3
Complete 15 credits from the following:			15
FAMS 1150	Marriage and Relationship Skills SS (3.0)		
FAMS 1500	Human Development Life Span (3.0)		
FAMS 3250	Applied Parenting (3.0)		
FAMS 3800	Early Development in Families (3.0)		
FAMS 3850	Adult Development and Aging (3.0)		
FAMS 4660	Family Financial and Resource Management (3.0)		
FAMS 4670	Family Dynamics and Systems (3.0)		

Graduation Requirements:

1. All course work taken to meet Behavioral Science requirements must be completed with a grade of C- or better.

Psychology, Minor

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Requirements

The Minor in Psychology is designed for students who desire a full bachelor's degree in psychology. The degree will prepare students for careers and further education in Utah, the Mountain West, and nationwide by (a) creating a curriculum built around the five pillars of psychology described by the American Psychological Association (APA); (b) emphasizing skills desired by employers (e.g., written communication, critical thinking, working in teams); and (c) providing engaged learning experiences (e.g., service-learning, internship, capstone) about current psychological topics.

Total Program Credits: 18

Discipline Core Requirements:			18 Credits
PSY 1010	General Psychology SS		3
PSY 2710	Introduction to Brain and Behavior SS		3
PSY 2300	Abnormal Psychology		3
PSY 3420	Cognitive Psychology WE		3
PSY 350G	Social Psychology GI		3
Development Requirement. Complete ONE of the following:			3
PSY 3200	Infancy and Childhood Development WE (3)		
PSY 3210	Adolescent Development WE (3)		
PSY 3220	Adult Development and Aging WE (3)		

Graduation Requirements:

1. All course work taken to meet Behavioral Science requirements must be completed with a grade of C- or better.

Psychology, Minor Careers

1. Students will critically analyze quantitative data in order to draw empirically supported conclusions about human behaviors.

Behavioral Science

- Students will write in a professional manner, defined as a mastery of the mechanics of basic writing, the conventions of professional writing (e.g., conforming to a publication style), and the ability to produce a coherent argument.

Related Careers

- Managers, All Other
- Clinical, Counseling, and School Psychologists
- Industrial-Organizational Psychologists
- Psychologists, All Other
- Psychology Teachers, Postsecondary

Sociology, Minor

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Requirements

Sociology is the scientific study of society which includes studying individuals in their primary and secondary groups and larger social institutions. It examines the social context of individual and collective lives. Sociology is a relatively young discipline that describes, explains, and predicts social interactions and institutions using theoretical as well as social scientific methods of inquiry. According to the American Sociological Association, the essential concepts that students will learn within sociology are social construction of everyday life and sociological imagination; social structure; socialization; social stratification, and social change. Students will also gain competencies in critical and theoretical thinking and application of social scientific methodology towards rigorous data analysis.

Total Program Credits: 18

Discipline Core Requirements:		18 Credits
Complete 2 required classes		6
SOC 1010	Introduction to Sociology SS (3)	
SOC 1020	Modern Social Problems (3)	
Complete any 4 of the following classes (with at least 3 upper division)		12
SOC 1200	Sociology of the Family SS (3)	
SOC 2370	Sociology of Gender (3)	
SOC 263G	Race and Minority Relations GI (3)	
PSY 3110	Statistics for the Behavioral Sciences (4)	
BESC 3020	Research Methods for the Behavioral Sciences (3)	
SOC 3400	Sociology of Religion (3)	
SOC 3460	Political Sociology (3)	
SOC 3520	Environmental Sociology (3)	
SOC 3690	Internet and Society (3)	
SOC 375G	Sociology of Aging GI (3)	
SOC 3800	Animals and Society (3)	
SOC 4000	Classical Social Theory (3)	
SOC 4100	Contemporary Social Theory WE (3)	
SOC 4020	Survey Research Design (3)	
SOC 4400	Social Change (3)	
SOC 475R	Current Topics in Sociology (1)	

SOC 490R	Independent Studies (1)	
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Graduation Requirements:

All course work taken to meet Behavioral Science requirements must be completed with a grade of C- or better.

Sociology, Minor Careers

- Apply Sociological Theories to Understand Social Phenomena.
- Critically Evaluate Explanations of Human Behavior and Social Phenomena.
- Apply Scientific Principles to Understand the Social World.
- Evaluate the Quality of Social Scientific Methods and Data.

Related Careers

- Managers, All Other
- Sociologists
- Sociology Teachers, Postsecondary

Anthropology, B.A.

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Requirements

The BA/BS/Minor will give students the opportunity to earn a full major/minor in the field of anthropology. Students who obtain this degree will a) develop anthropological knowledge, enabling them to analyze trends in culture and society, b) methodological competence, learning to apply anthropological methods for learning about cultural/ideological differences and navigating them in daily life, and c) essential skills, written and spoken communication, analytic reading and writing, building rapport with people from different backgrounds. The Minor in Anthropology will allow students pursuing other majors to earn a credential that suggests critical thinking skills, writing ability, and cultural sensitivity.

Total Program Credits: 120

General Education Requirements:		36 Credits
ENGL 1010	Introduction to Academic Writing CC	3
or	ENGH 1005	Literacies and Composition Across Contexts CC (5)
	ENGL 2010	Intermediate Academic Writing CC
Complete one of the following:		3
	MAT 1030	Quantitative Reasoning QL (3)
	MAT 1035	Quantitative Reasoning with Integrated Algebra QL (6)
	STAT 1040	Introduction to Statistics QL (3)
	STAT 1045	Introduction to Statistics with Algebra QL (5)
	MATH 1050	College Algebra QL (4.0)
	MATH 1055	College Algebra with Preliminaries QL (5)
	MATH 1090	College Algebra for Business QL (3)
Complete one of the following:		3
	HIST 2700	US History to 1877 AS (3)
and	HIST 2710	US History since 1877 AS (3)

	HIST 1700	American Civilization AS (3)	
	HIST 1740	US Economic History AS (3)	
	POLS 1000	American Heritage SS (3)	
	POLS 1100	American National Government AS (3)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
	HLTH 1100	Personal Health and Wellness TE	2
or	EXSC 1097	Fitness for Life TE (2)	
Distribution Courses:			
	Biology		3
	Physical Science		3
	ANTH 101G	Social Cultural Anthropology SS GI	3
	ANTH 1020	Biological Anthropology BB	3
	Humanities Distribution (Fulfilled with Foreign Language 2020/202G course)		4
	Fine Arts Distribution		3
Discipline Core Requirements:			18 Credits
	ANTH 103G	World Prehistory SS GI	3
	ANTH 2880	Introduction to Theory and Ethnography WE	3
	ANTH 3000	Language and Culture LH	3
	ANTH 3850	Ethnographic Methods WE	3
	ANTH 4120	History of Anthropological Thought	3
	ANTH 4130	Contemporary Theory and Debates	3
	Anthropology Electives: Any anthropology elective numbered 3000 or higher		18
Elective Requirements:			48 Credits
	Language Requirement		12
	Any course numbered 3000 or higher		10
	Any course numbered 1000 or higher		26

Graduation Requirements:

1. Completion of a minimum of 120 credits, 40 of which must be 3000 level or higher.
2. Minimum UVU GPA of 2.0 upon graduation.
3. Residency hours--minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
4. Successful completion of at least one Global/Intercultural course.

Note: Please see department advisor for an explanation of all program requirements, a list of recommended classes, and for assistance with creating an academic plan for graduation.

Note: If a student has completed an associate degree through another institution, the required general education courses may be waived.

Anthropology, B.A.**Careers**

1. Students will master anthropological theory and gain the capacity to use these theories to analyze empirical findings of the field.
2. Students learn to apply methods for learning about social processes and cultural/ideological differences
3. Students will learn to produce and effectively communicate their own arguments and studies on society, culture, and history.

These arguments will draw on professional literature and data, both gathered by others and by themselves.

Related Careers

- Managers, All Other
- Anthropologists and Archeologists
- Anthropology and Archeology Teachers, Postsecondary

Anthropology, B.S.

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Requirements

The BA/BS/Minor will give students the opportunity to earn a full major/minor in the field of anthropology. Students who obtain this degree will a) develop anthropological knowledge, enabling them to analyze trends in culture and society, b) methodological competence, learning to apply anthropological methods for learning about cultural/ideological differences and navigating them in daily life, and c) essential skills, written and spoken communication, analytic reading and writing, building rapport with people from different backgrounds. The Minor in Anthropology will allow students pursuing other majors to earn a credential that suggests critical thinking skills, writing ability, and cultural sensitivity.

Total Program Credits: 120

General Education Requirements:			35 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGL 1005	Literacies and Composition Across Contexts CC (5)	
	ENGL 2010	Intermediate Academic Writing CC	3
Complete one of the following:			3
	MAT 1030	Quantitative Reasoning QL (3)	
	MAT 1035	Quantitative Reasoning with Integrated Algebra QL (6)	
	STAT 1040	Introduction to Statistics QL (3)	
	STAT 1045	Introduction to Statistics with Algebra QL (5)	
	MATH 1050	College Algebra QL (4.0)	
	MATH 1055	College Algebra with Preliminaries QL (5)	
	MATH 1090	College Algebra for Business QL (3)	
Complete one of the following:			3
	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	
	HIST 1700	American Civilization AS (3)	
	HIST 1740	US Economic History AS (3)	
	POLS 1000	American Heritage SS (3)	
	POLS 1100	American National Government AS (3)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
	HLTH 1100	Personal Health and Wellness TE	2
or	EXSC 1097	Fitness for Life TE (2)	
Distribution Courses:			

Behavioral Science

Biology	3
Physical Science	3
ANTH 101G Social/Cultural Anthropology SS GI	3
ANTH 1020 Biological Anthropology BB	3
Humanities Distribution	3
Fine Arts Distribution	3
Discipline Core Requirements:	36 Credits
ANTH 103G World Prehistory SS GI	3
ANTH 2880 Introduction to Theory and Ethnography WE	3
ANTH 3000 Language and Culture LH	3
ANTH 3850 Ethnographic Methods WE	3
ANTH 4120 History of Anthropological Thought	3
ANTH 4130 Contemporary Theory and Debates	3
Anthropology Electives: Any anthropology elective numbered 3000 or higher	18
Elective Requirements:	49 Credits
Any course numbered 3000 or higher	10
Any course numbered 1000 or higher	39

Graduation Requirements:

1. Completion of a minimum of 120 credits, 40 of which must be 3000 level or higher.
2. Minimum UVU GPA of 2.0 upon graduation.
3. Residency hours--minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
4. Successful completion of at least one Global/Intercultural course.

Note: Please see department advisor for an explanation of all program requirements, a list of recommended classes, and for assistance with creating an academic plan for graduation.

Note: If a student has completed an associate degree through another institution, the required general education courses may be waived.

Anthropology, B.S.

Careers

1. Students will master anthropological theory and gain the capacity to use these theories to analyze empirical findings of the field.
2. Students learn to apply methods for learning about social processes and cultural/ideological differences
3. Students will learn to produce and effectively communicate their own arguments and studies on society, culture, and history. These arguments will draw on professional literature and data, both gathered by others and by themselves.

Related Careers

- Managers, All Other
- Anthropologists and Archeologists
- Anthropology and Archeology Teachers, Postsecondary

Clinical Mental Health Counseling, M.S.

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Requirements

The Master in Clinical Mental Health Counseling (CMHC) prepares individuals to provide counseling services, mental health evaluations, and referrals to ameliorate and prevent cognitive and emotional crises as well as personal and interpersonal problems. Instruction will include coursework on individual and group counseling, psychotherapy theory and practice, human development, psychological assessment, psychopathology and diagnostics, professional standards and ethics as well as the governing laws and regulations of the field. Successful graduates will be eligible for employment and licensure as a Clinical Mental Health Counselor in the state of Utah.

Total Program Credits: 61

Matriculation Requirements:		
<ol style="list-style-type: none"> 1. Bachelor's degree from a regionally accredited institution of higher education (with official transcripts from all institutions attended). The degree can be in any discipline, provided student meets the expected GPA and prerequisite coursework. 2. GPA Requirements: The minimum cumulative GPA is 3.4 on a 4.0 scale. 3. Prerequisite Coursework: General or Introductory Psychology, Abnormal Psychology, Intro to Counseling (or equivalent), Research Methods, Statistics 4. Complete the UVU Graduate School Application. 5. Personal Interview: All candidates will be screened and those deemed to meet or exceed basic application requirements may be invited for an interview. This interview does not guarantee acceptance into the program as students will compete with all other applicants for matriculation into a cohort. 6. Three total letters of recommendation from academic and professional sources. 		
Discipline Core Requirements:		61 Credits
CMHC 6000	ACA Ethics	3
CMHC 6010	Theories of Counseling	3
CMHC 6020	Techniques of Counseling	3
CMHC 6030	DSM Diagnostics	4
CMHC 6040	Professional Orientation	3
CMHC 6050	Career Counseling	3
CMHC 6060	Psychological Assessment	3
CMHC 6070	Group Counseling	3
CMHC 6080	Eastern Counseling Approaches	3
CMHC 6090	Psychopharmacology	3
CMHC 6100	Crisis Management	3
CMHC 6110	Research Methods	3
CMHC 6120	Addiction Counseling	3
CMHC 6130	Multicultural Counseling	3
CMHC 6140	Program Evaluation	3
CMHC 6150	Cognitive Therapies	3
CMHC 6160	Human Development	3
CMHC 671R	Practicum (May need to be repeated until clinical hours are fulfilled.)	3
CMHC 689R	Internship (May need to be repeated until clinical hours are fulfilled.)	6

Graduation Requirements:

1. A minimum cumulative GPA of 3.0 must be maintained within the program.
2. A grade of 'B' or higher required in all courses.
3. Completion of a minimum of 61 semester credits.
4. 700 clinical hours are required for completion.
5. Residency hours: Minimum of 42 graduate credit hours completed at UVU in the CMHC program.

Clinical Mental Health Counseling, M.S. Careers

1. Individual Therapy; Students will engage in critical thinking and demonstrate a heightened self-awareness in the counseling role. Students will also demonstrate skills necessary to be an effective counselor while applying a theoretical approach.
2. Ethical Practice; Students will understand counselor professional identity and demonstrate skill in applying ethical and legal considerations in professional counseling.
3. Clinical Assessment; Treatment Planning- Students will demonstrate the knowledge and ability to diagnose and design treatment plans for a broad range of mental health issues. Students will also be able to select and interpret assessment measures (i.e., academic/educational, career, personality, diagnostic, and developmental)
4. Professional Development; Students will understand counselor professional identity and demonstrate skill in applying ethical and legal considerations in professional counseling.
5. Research and Theory; Students will be able to critically evaluate research in a manner that informs counseling practice.
6. Group Therapy; Students will demonstrate knowledge and skills to facilitate psychoeducational and process groups.
7. Diversity in Counseling; Students will be able to demonstrate the awareness, knowledge, and skills to counsel clients from diverse backgrounds.
8. Career Counseling; Students will have knowledge of career assessment and planning principles and theories.
9. Prevention; Students will demonstrate knowledge of how to design and deliver mental illness prevention programs.
10. Program Evaluation; Students will apply program evaluation techniques to individual, group, and couple's counseling settings.

Related Careers

- Mental Health Counselors

Family Science, B.A.

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Requirements

The Family Science program closely aligns with the requirements of the National Council on Family Relations (NCFR). [NCFR is the premier professional association in the family science field, and these standards require that students gain knowledge and expertise in ten key areas] and is an approved program for the Certified Family Life Educator (CFLE).

Total Program Credits: 120

General Education Requirements:		36 Credits
	ENGL 1010 Introduction to Academic Writing CC	3
or	ENGL 1005 Literacies and Composition Across Contexts CC (5.0)	
	ENGL 2010 Intermediate Academic Writing CC	3
Complete one of the following:		3

	MAT 1030 Quantitative Reasoning QL (3.0) (recommended)	
	MAT 1035 Quantitative Reasoning with Integrated Algebra QL (6.0) (recommended)	
	STAT 1040 Introduction to Statistics QL (3.0)	
	STAT 1045 Introduction to Statistics with Algebra QL (5.0)	
	MATH 1050 College Algebra QL (4.0)	
	MATH 1055 College Algebra with Preliminaries QL (5.0)	
	MATH 1090 College Algebra for Business QL (3.0)	
Complete one of the following:		3
	POLS 1000 American Heritage SS (3.0)	
	POLS 1100 American National Government AS (3.0)	
	HIST 1700 American Civilization AS (3.0)	
	HIST 1740 US Economic History AS (3.0)	
	HIST 2700 US History to 1877 AS (3.0)	
and	HIST 2710 US History since 1877 AS (3.0)	
Complete the following:		
	PHIL 2050 Ethics and Values IH	3
	HLTH 1100 Personal Health and Wellness TE	2
or	EXSC 1097 Fitness for Life TE (2.0)	
Distribution Courses:		
	Biology	3
	Physical Science	3
	Third Science - Additional Biology or Physical Science	3
	Humanities (Fulfilled with Foreign Language 2020/202G course)	4
	Fine Arts	3
	Social/Behavioral Science	3
Discipline Core Requirements:		36 Credits
	FAMS 1150 Marriage and Relationship Skills	3
	FAMS 1500 Human Development Life Span	3
	FAMS 240G Contemporary Family Relations GI	3
	FAMS 2705 Ethics for Family Interventions WE	3
	FAMS 2800 Teaching Human Sexuality	3
	FAMS 3000 Social Work Practice I	3
	FAMS 3250 Applied Parenting	3
	FAMS 4400 Family Policy	3
	FAMS 4500 Family Life Education Methodology WE	3
	FAMS 4660 Family Financial and Resource Management	3
	FAMS 4670 Family Dynamics and Systems	3
Complete one of the following:		3
	FAMS 481R Community Practicum (3)*	
	FAMS 482R Stronger Families Practicum (3)*	

Behavioral Science

	FAMS 483R	Research Assistant Independent Study (3)*	
Elective Requirements:			48 Credits
	Complete 24 hours of electives (19 of which must be upper division). Students should select courses that complement Family Science or that meet their personal goals.		24
	Complete 12 credits in the same foreign language, includes ASL		12
	Any course numbered 1000 or higher		12

*Students must earn a B- or better for graduation requirements

Graduation Requirements:

1. Completion of a minimum of 120 credits, 40 of which must be 3000 level or higher.
2. Minimum overall UVU GPA of 2.0 upon graduation.
3. Minimum 2.5 program GPA upon graduation.
4. Residency hours – minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
5. All major course work taken to meet Behavioral Science requirements must be completed with a grade of C- or better.
6. For the BA degree, completion of 16 credit hours of course work from one language to include the 1010, 1020, 2010, 202G/2020 levels or transferred equivalents.
7. Successful completion of at least one Global/Intercultural course.

Note: Please see department advisor for explanation of all program requirements, a list of recommended classes, and for assistance with creating an academic plan for graduation.

Note: If a student has completed an associate degree through another institution, the required general education courses may be waived.

Note: Students would need to pass ENGL 1010 Introduction to Academic Writing or ENGH 1005 Literacies and Composition Across Contexts and ENGL 2010 Intermediate Writing/Academic Writing and Research with a C+ or higher for the Family Science degree courses.

Family Science, B.A. Careers

1. Upon successful completion, students will be able to create educational interventions for individuals and families.
2. Upon successful completion, students will be able to demonstrate knowledge and skill related to the ten areas outlined for Certified Family Life Educators by the National Council on Family Relations.
3. Upon successful completion, students will apply best practices for communication and conflict management in interpersonal relationships and family systems.
4. Upon successful completion, students will demonstrate the ability to work with diverse populations and underserved communities.

Related Careers

- Farm and Home Management Advisors

Family Science, B.S.

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Requirements

The Family Science program closely aligns with the requirements of the National Council on Family Relations (NCFR). [NCFR is the premier professional association in the family science field, and these standards require that students gain knowledge and expertise in ten key areas] and is an approved program for the Certified Family Life Educator (CFLE).

Total Program Credits: 120

General Education Requirements:			35 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGH 1005	Literacies and Composition Across Contexts CC (5.0)	
	ENGL 2010	Intermediate Academic Writing CC	3
Complete one of the following:			3
	MAT 1030	Quantitative Reasoning QL (3.0) (recommended)	
	MAT 1035	Quantitative Reasoning with Integrated Algebra QL (6.0) (recommended)	
	STAT 1040	Introduction to Statistics QL (3.0)	
	STAT 1045	Introduction to Statistics with Algebra QL (5.0)	
	MATH 1050	College Algebra QL (4.0)	
	MATH 1055	College Algebra with Preliminaries QL (5.0)	
	MATH 1090	College Algebra for Business QL (3.0)	
Complete one of the following:			3
	POLS 1000	American Heritage SS (3.0)	
	POLS 1100	American National Government AS (3.0)	
	HIST 1700	American Civilization AS (3.0)	
	HIST 1740	US Economic History AS (3.0)	
	HIST 2700	US History to 1877 AS (3.0)	
and	HIST 2710	US History since 1877 AS (3.0)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
	HLTH 1100	Personal Health and Wellness TE	2
or	EXSC 1097	Fitness for Life TE (2.0)	
Distribution Courses:			
	Biology		3
	Physical Science		3
	Third Science - Additional Biology or Physical Science		3
	Humanities		3
	Fine Arts		3
	Social/Behavioral Science		3
Discipline Core Requirements:			36 Credits
	FAMS 1150	Marriage and Relationship Skills SS	3
	FAMS 1500	Human Development Life Span	3
	FAMS 240G	Contemporary Family Relations GI	3
	FAMS 2705	Ethics for Family Interventions WE	3

FAMS 2800	Teaching Human Sexuality	3
FAMS 3000	Social Work Practice I	3
FAMS 3250	Applied Parenting	3
FAMS 4400	Family Policy	3
FAMS 4500	Family Life Education Methodology WE	3
FAMS 4660	Family Financial and Resource Management	3
FAMS 4670	Family Dynamics and Systems	3
Complete one of the following:		3
FAMS 481R	Community Practicum (3)*	
FAMS 482R	Stronger Families Practicum (3)*	
FAMS 483R	Research Assistant Independent Study (3)*	
Elective Requirements:		49 Credits
Complete 24 hours of electives (19 of which must be upper division). Students should select courses that complement Family Science or that meet their personal goals.		24
Any course numbered 1000 or higher		25

*Students must earn a B- or better for graduation requirements

Graduation Requirements:

1. Completion of a minimum of 120 credits, 40 of which must be 3000 level or higher.
2. Minimum overall UVU GPA of 2.0 upon graduation.
3. Minimum 2.5 program GPA upon graduation.
4. Residency hours – minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
5. All major course work taken to meet Behavioral Science requirements must be completed with a grade of C- or better.
6. Successful completion of at least one Global/Intercultural course.

Note: Please see department advisor for explanation of all program requirements, a list of recommended classes, and for assistance with creating an academic plan for graduation.

Note: If a student has completed an associate degree through another institution, the required general education courses may be waived.

Note: Students would need to pass ENGL 1010 Introduction to Academic Writing or ENGH 1005 Literacies and Composition Across Contexts and ENGL 2010 Intermediate Writing/Academic Writing and Research with a C+ or higher for the Family Science degree courses.

Family Science, B.S.

Careers

1. Create educational interventions for individuals and families.
2. Demonstrate knowledge and skills related to the ten areas outlined for Certified Family Life Educators by the National Council on Family Relations
3. Apply best practices for communication and conflict management in interpersonal relationships and family systems
4. Demonstrate the ability to work with diverse populations and under served communities

Related Careers

- Farm and Home Management Advisors

Master of Social Work Advanced Standing, M.S.W.

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Requirements

The Master of Social Work (MSW) at UVU is designed to educate and prepare students for a career at the next level in the social work profession. The MSW will prepare students to become a Licensed Clinical Social Worker (LCSW) qualifying them for a wider range of employment opportunities (mental health, medical social work, child welfare, etc.) working with various populations (children, adolescents, adults, elderly, disabled, etc.). The MSW Program will have three different specializations: Mental Health, Addictions (including substance and nonsubstance addictions, i.e. pornography, gambling, painkillers, etc.), and Engaging with Diverse Populations.

Total Program Credits: 42

Matriculation Requirements			
<ol style="list-style-type: none"> 1. Students admitted to the Advanced Standing MSW Program must have a Bachelor of Social Work from a CSWE accredited BSW program. 2. Application for admission to graduate program with application fee by the established deadline. 3. Submit official transcripts from all universities attended. 4. A bachelor's degree from a regionally accredited college/university, a nationally accredited program, or the international equivalent. 5. A 3.0 cumulative undergraduate GPA or a 3.0 GPA calculated on the last 60 semester hours (90 quarter hours) of undergraduate work. 6. For international students whose native language is not English, submit official TOEFL or IELTS band scores. A TOEFL score of 80 iBT (550 pBT) or higher, or an IELTS band score of 6.5 or higher within the past two years is required. 7. International students must also meet all US government requirement for international students. 8. The university uses a selective admissions process for admitting students to graduate programs. Meeting minimum admissions criteria does not guarantee admission to the graduate program or to the University as a graduate student. 			
Discipline Core Requirements:			36 Credits
Social Work Core			
Advanced Standing Bridge Requirement			
SW 6490	MSW Advanced Standing Bridge Course		4
SW 6491	MSW Advanced Standing Skills Course		4
SW 6630	Mental Health Assessment in Social Work Practice		3
Complete the following:			
SW 6030	Social Work Practice III--Advanced Practice with Individuals		3
SW 6040	Social Work Practice IV--Advanced Practice with Families and Groups		3

	SW 6050	Social Work Practice V-Advanced Practice with Organizations and Communities	3
	SW 6500	Social Work Practice with Substance Related and Addictive Disorders	3
	SW 6950	Advanced Applied Research--MSW Capstone	3
Field Practicum Requirement			
Complete the following:			
	SW 6830	Integrative Seminar III	5
and	SW 6930	Advanced Field Practicum I	
	SW 6840	Integrative Seminar IV	5
and	SW 6940	Advanced Field Practicum II	
Elective Requirements:			6 Credits
Elective requirements			6
	SW 6530	Psychopharmacology (3)	
	SW 6610	Spirituality in Social Work (3)	
	SW 6620	Family Therapy (3)	
	SW 6640	Crisis Intervention (3)	
	SW 6650	Couples Therapy (3)	
	SW 6660	Family Violence Across the Lifespan (3)	
	SW 6700	Advanced Practice with Communities of Color and Other Diverse Populations (3)	
	SW 679R	Special Topics in Social Work Practice	
	SW 6945	Supplemental Field Practicum (1-4)	
or	other departmental approved courses		

Graduation Requirements:

1. Completion of a minimum of 42 semester credits required in the Master of Social Work degree.
2. A minimum of two-thirds credits of graduate degree credit hours must be completed at Utah Valley University.
3. Overall cumulative grade point average of 3.0 or higher in Master of Social Work courses.
4. A grade of "C" or higher required for all courses used to satisfy graduation requirement
5. Graduate coursework shall be completed within a six-year period.
6. Graduate credits accepted from another regionally accredited institution or equivalent shall have been completed within four years of the graduate student's matriculation into the graduate program and cannot be older than six years at the time of graduate with a master's degree or graduate certificate from the University.

Master of Social Work Advanced Standing, M.S.W. Careers

1. MSW students will be able to provide competent care to individuals, families, groups, communities, and societies as advanced generalist social work professionals
2. MSW students will be able to promote social and economic justice within the psychosocial-cultural-context occupied by individuals, families, groups, communities, and societies
3. MSW students will enhance their development by experiencing engaged teaching methods, clinically-based learning activities, and ongoing opportunities for self-exploration.

4. MSW students will promote the profession of social work in the local community and be able to identify how to practice in the local community is impacted by the global realities.
5. MSW students will be able to, with competence and cultural sensitivity, engage communities of color and other historically marginalized populations and increase both the provision of social work services and the utilization of social work services by members of these populations.
6. MSW students will competently evaluate research and engage in research-informed practice.

Related Careers

- Marriage and Family Therapists
- Counselors, All Other
- Child, Family, and School Social Workers
- Healthcare Social Workers
- Mental Health and Substance Abuse Social Workers
- Social Workers, All Other
- Probation Officers and Correctional Treatment Specialists
- Social Work Teachers, Postsecondary

Master of Social Work, M.S.W.

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Requirements

The Master of Social Work (MSW) at UVU is designed to educate and prepare students for a career at the next level in the social work profession. The MSW will prepare students to become a Licensed Clinical Social Worker (LCSW) qualifying them for a wider range of employment opportunities (mental health, medical social work, child welfare, etc.) working with various populations (children, adolescents, adults, elderly, disabled, etc.). The MSW Program will have three different specializations: Mental Health, Addictions (including substance and non-substance addictions, i.e. pornography, gambling, painkillers, etc.), and Engaging with Diverse Populations.

Total Program Credits: 64

Matriculation Requirements			
<ol style="list-style-type: none"> 1. Application for admission to graduate program with application fee by the established deadline. 2. Submit official transcripts from all universities attended. 3. A bachelor's degree from a regionally accredited college/university, a nationally accredited program, or the international equivalent. 4. A 3.0 cumulative undergraduate GPA or a 3.0 GPA calculated on the last 60 semester hours (90 quarter hours) of undergraduate work. 5. For international students whose native language is not English, submit official TOEFL or IELTS band scores. A TOEFL score of 80 iBT (550 pBT) or higher, or an IELTS band score of 6.5 or higher within the past two years is required. 6. International students must also meet all US government requirements for international students. 7. The university uses a selective admissions process for admitting students to graduate programs. Meeting minimum admissions criteria does not guarantee admission to the graduate program or to the University as a graduate student. 			
Discipline Core Requirements:			58 Credits
Social Work Core			
Complete the following:			
	SW 6000	Social Work Practice I--Generalist Practice with Individuals	3

	SW 6020	Social Work Practice II-Generalist Practice with Families and Groups	3
	SW 6250	Macro Systems and Social Impact	3
	SW 6030	Social Work Practice III--Advanced Practice with Individuals	3
	SW 6040	Social Work Practice IV--Advanced Practice with Families and Groups	3
	SW 6050	Social Work Practice IV--Advanced Practice with Organizations and Communities	3
	SW 6200	Human Behavior and the Social Environment	3
	SW 6630	Mental Health Assessment in Social Work Practice	3
	SW 6300	Social Welfare Policy and Analysis	3
	SW 6320	Social Work Practice with Diverse Populations	3
	SW 6400	Social Work Research Methods	3
	SW 6500	Social Work Practice with Substance Related and Addictive Disorders	3
	SW 6950	Advanced Applied Research--MSW Capstone	3
Field Practicum Requirement			
Complete the following:			
	SW 6810	Integrative Seminar I	1
and	SW 6910	Foundation Field Practicum I	3
	SW 6820	Integrative Seminar II	1
and	SW 6920	Foundation Field Practicum II	4
	SW 6830	Integrative Seminar III	1
and	SW 6930	Advanced Field Practicum I	4
	SW 6840	Integrative Seminar IV	1
and	SW 6940	Advanced Field Practicum II	4
Elective Requirements:			6 Credits
Complete 6 credits from the following			6
	SW 6530	Psychopharmacology (3)	
	SW 6610	Spirituality in Social Work (3)	
	SW 6620	Family Therapy (3)	
	SW 6640	Crisis Intervention (3)	
	SW 6650	Couples Therapy (3)	
	SW 6660	Family Violence Across the Lifespan (3)	
	SW 6670	Post Traumatic Growth--Practice and Clinical Considerations (3)	
	SW 679R	Special Topics in Social Work Practice	
	SW 6945	Supplemental Field Practicum (1-4)	
or	other departmental approved courses		

Graduation Requirements:

1. Completion of a minimum of 64 semester credits required in the Master of Social Work degree.
2. A minimum of two-thirds of graduate degree credit hours must be completed at Utah Valley University.

3. Overall cumulative grade point average of 3.0 or higher in Master of Social Work courses.
4. A grade of "C" or higher required for all courses used to satisfy graduation requirement.
5. Graduate coursework shall be completed within a six-year period.
6. Graduate credits accepted from another regionally accredited institution or equivalent shall have been completed within four years of the graduate student's matriculation into the graduate program and cannot be older than six years at the time of graduate with a master's degree or graduate certificate from the University.

Master of Social Work, M.S.W.**Careers**

1. MSW students will be able to provide competent care to individuals, families, groups, communities, and societies as advanced generalist social work professionals.
2. MSW students will be able to promote social and economic justice within the psychosocial-cultural-context occupied by individuals, families, groups, communities, and societies.
3. MSW students will enhance their professional development by experiencing engaged teaching methods, clinically-based learning activities, and ongoing opportunities for self-exploration
4. MSW students will promote the profession of social work in the local community and be able to identify how to practice in the local community is impacted by the global realities
5. MSW students will be able to, with competence and cultural sensitivity, engage communities of color and other historically marginalized populations and increase both the provision of social work services and the utilization of social work services by members of these populations.
6. MSW students will competently evaluate research and engage in research-informed practice.

Related Careers

- Marriage and Family Therapists
- Counselors, All Other
- Child, Family, and School Social Workers
- Healthcare Social Workers
- Mental Health and Substance Abuse Social Workers
- Social Workers, All Other
- Probation Officers and Correctional Treatment Specialists
- Social Work Teachers, Postsecondary

Psychology, B.A.

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Requirements

The BA in Psychology is designed for students who desire a full bachelor's degree in psychology. The degree will prepare students for careers and further education in Utah, the Mountain West, and nationwide by (a) creating a curriculum built around the five pillars of psychology described by the American Psychological Association (APA); (b) emphasizing skills desired by employers (e.g., written communication, critical thinking, working in teams); and (c) providing engaged learning experiences (e.g., service-learning, internship, capstone) about current psychological topics.

Total Program Credits: 120

General Education Requirements:			36 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGL 1005	Literacies and Composition Across Contexts CC (5)	

Behavioral Science

	ENGL 2010	Intermediate Academic Writing CC	3
Complete one of the following:			3
	MAT 1030	Quantitative Reasoning QL (3)	
	MAT 1035	Quantitative Reasoning with Integrated Algebra QL (6)	
	STAT 1040	Introduction to Statistics QL (3)	
	STAT 1045	Introduction to Statistics with Algebra QL (5)	
	MATH 1050	College Algebra QL (4)	
	MATH 1055	College Algebra with Preliminaries QL (5)	
	MATH 1090	College Algebra for Business QL (3)	
Complete one of the following:			3
	POLS 1000	American Heritage SS (3)	
	POLS 1100	American National Government AS (3)	
	HIST 1700	American Civilization AS (3)	
	HIST 1740	US Economic History AS (3)	
	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
	HLTH 1100	Personal Health and Wellness TE	2
or	EXSC 1097	Fitness for Life TE (2)	
Distribution Course Requirements			
	Biology		3
	Physical Science		3
	Additional Biology or Physical Science		3
	Humanities (Fulfilled with Foreign Language 202G/2020 course)		4
	Fine Arts		3
	PSY 1010	General Psychology SS (Fulfills Social/ Behavioral Science)	3
Discipline Core Requirements:			33 Credits
Psychology Core			
	PSY 2020	Psychology as a Science and Profession WE	3
	PSY 3030	Research Methods for Psychology	4
	PSY 3110	Statistics for the Behavioral Sciences	4
Psychology Foundations - Complete 9 credits: ¹			9
	PSY 1100	Human Development Life Span SS (3)	
	PSY 2710	Introduction to Brain and Behavior SS (3)	
	PSY 2300	Abnormal Psychology (3)	
	PSY 3420	Cognitive Psychology WE (3)	
	PSY 350G	Social Psychology GI (3)	
Individual Differences Requirement - Complete 3 credits:			3
	PSY 2800	Human Sexuality SS (3)	
	PSY 3100	Psychology of Gender (3)	
	PSY 3300	Motivation and Emotion (3)	

	PSY 3460	Personality Theory (3)	
	PSY 4150	Tests and Measurements (3)	
	PSY 4690	Human Intelligence (3)	
	PSY 480G	Cross-Cultural Psychology GI (3)	
Advanced Psychology Requirement - Complete 10 credits:			10
	PSY 3105	Health Psychology (3)	
	PSY 3200	Infancy and Childhood Development WE (3)	
	PSY 3210	Adolescent Development WE (3)	
	PSY 3220	Adult Development and Aging WE (3)	
	PSY 3420	Cognitive Psychology WE (3) (if not already taken for Psychology Foundations)	
	PSY 3425	Cognitive Psychology Lab (1)	
	PSY 3430	Psychopharmacology WE (3)	
	PSY 3450	Behavioral Neuroscience (4)	
	PSY 3480	Principles of Learning (4)	
	PSY 3490	Sensation and Perception WE (4)	
	PSY 3710	Introduction to Forensic Psychology (3)	
	PSY 4300	Introduction to Counseling and Psychotherapy (3)	
	PSY 4400	Introduction to Group Psychotherapy (3)	
	PSY 4500	History and Systems of Psychology (3)	
	PSY 4850	Introduction to Pedagogy (3)	
Elective Requirements:			51 Credits
	Complete 12 credits of one Foreign Language, including ASL (Foreign Language 202G/2020 course fulfills Humanities Distribution)		12
	Complete 39 credits of electives including 22 upper division ²		39
Notes:			
1. Graduation requires a minimum of two Writing Enriched courses. One must be taken from Psychology Foundations or the Advanced Psychology Requirement.			
2. Students must complete a minimum of 40 upper-division credits for graduation. Depending on courses completed for Psychology Foundations and Individual Differences, students may need to select additional upper-division electives.			

Graduation Requirements:

1. Completion of a minimum of 120 credits, 40 of which must be 3000 level or higher.
2. Minimum overall UVU GPA of 2.0 upon graduation.
3. Minimum 2.5 program GPA upon graduation.
4. Residency hours--minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
5. All major course work taken to meet Psychology requirements must be completed with a grade of C- or better.
6. For the BA degree, completion of 16 credit hours of course work from one language to include the 1010, 1020, 2010, 202G/2020 levels or transferred equivalents.
7. Successful completion of at least one Global/Intercultural course.

Note: Please see department advisor for explanation of all program requirements, a list of recommended classes, and for assistance with creating an academic plan for graduation.

Note: If a student has completed an associate degree through another institution, the required general education courses may be waived.

Note: Students would need to pass ENGL 1010 or ENGH 1005 and ENGL 2010 with a C+ or higher as prerequisites for the Psychology Bachelor degree courses.

Psychology, B.A.

Careers

1. Critically analyze quantitative data in order to draw empirically supported conclusions about human behaviors.
2. Write in a professional manner, defined as a mastery of the mechanics of basic writing, the conventions of professional writing (e.g., conforming to a publication style), and the ability to produce a coherent argument.
3. Interpret, design, and evaluate psychological research.
4. Demonstrate a critical understanding of the impact of societal inequality and oppression on psychological processes.

Related Careers

- Managers, All Other
- Clinical, Counseling, and School Psychologists
- Industrial-Organizational Psychologists
- Psychologists, All Other
- Psychology Teachers, Postsecondary

Psychology, B.S.

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Requirements

The BS in Psychology is designed for students who desire a full bachelor's degree in psychology. The degree will prepare students for careers and further education in Utah, the Mountain West, and nationwide by (a) creating a curriculum built around the five pillars of psychology described by the American Psychological Association (APA); (b) emphasizing skills desired by employers (e.g., written communication, critical thinking, working in teams); and (c) providing engaged learning experiences (e.g., service-learning, internship, capstone) about current psychological topics.

Total Program Credits: 120

General Education Requirements:		35 Credits
	ENGL 1010 Introduction to Academic Writing CC	3
or	ENGH 1005 Literacies and Composition Across Contexts CC (5)	
	ENGL 2010 Intermediate Academic Writing CC	3
Complete one of the following:		3
	MAT 1030 Quantitative Reasoning QL (3)	
	MAT 1035 Quantitative Reasoning with Integrated Algebra QL (6)	
	STAT 1040 Introduction to Statistics QL (3)	
	STAT 1045 Introduction to Statistics with Algebra QL (5)	
	MATH 1050 College Algebra QL (4)	

	MATH 1055 College Algebra with Preliminaries QL (5)	
	MATH 1090 College Algebra for Business QL (3)	
Complete one of the following:		3
	POLS 1000 American Heritage SS (3)	
	POLS 1100 American National Government AS (3)	
	HIST 1700 American Civilization AS (3)	
	HIST 1740 US Economic History AS (3)	
	HIST 2700 US History to 1877 AS (3)	
and	HIST 2710 US History since 1877 AS (3)	
Complete the following:		
	PHIL 2050 Ethics and Values IH	3
	HLTH 1100 Personal Health and Wellness TE	2
or	EXSC 1097 Fitness for Life TE (2)	
Distribution Course Requirements		
	Biology	3
	Physical Science	3
	Additional Biology or Physical Science	3
	Humanities	3
	Fine Arts	3
	PSY 1010 General Psychology SS (Fulfills Social/ Behavioral Science)	3
Discipline Core Requirements:		33 Credits
Psychology Core		
	PSY 2020 Psychology as a Science and Profession WE	3
	PSY 3110 Statistics for the Behavioral Sciences	4
	PSY 3030 Research Methods for Psychology	4
Psychology Foundations - Complete 9 credits: ¹		9
	PSY 1100 Human Development Life Span SS (3)	
	PSY 2710 Introduction to Brain and Behavior SS (3)	
	PSY 2300 Abnormal Psychology (3)	
	PSY 3420 Cognitive Psychology WE (3)	
	PSY 350G Social Psychology GI (3)	
Individual Differences Requirement - Complete 3 credits:		3
	PSY 2800 Human Sexuality SS (3)	
	PSY 3100 Psychology of Gender (3)	
	PSY 3300 Motivation and Emotion (3)	
	PSY 3460 Personality Theory (3)	
	PSY 4150 Tests and Measurements (3)	
	PSY 4690 Human Intelligence (3)	
	PSY 480G Cross-Cultural Psychology GI (3)	
Advanced Psychology Requirement - Complete 10 credits:		10
	PSY 3105 Health Psychology (3)	
	PSY 3200 Infant and Child Development WE (3)	
	PSY 3210 Adolescent Development WE (3)	

Behavioral Science

	PSY 3220	Adult Development and Aging WE (3)	
	PSY 3420	Cognitive Psychology WE (1) (if not already taken for Psychology Foundations)	
	PSY 3425	Cognitive Psychology Lab (1)	
	PSY 3430	Psychopharmacology WE (3)	
	PSY 3450	Behavioral Neuroscience (4)	
	PSY 3480	Principles of Learning (4)	
	PSY 3490	Sensation and Perception WE (4)	
	PSY 3710	Introduction to Forensic Psychology (3)	
	PSY 4300	Introduction to Counseling and Psychotherapy (3)	
	PSY 4400	Introduction to Group Psychotherapy (3)	
	PSY 4500	History and Systems of Psychology (3)	
	PSY 4850	Introduction to Pedagogy (3)	
Elective Requirements:			52 Credits
	Complete 52 credits of electives, including 22 credits of upper-division ²		52

Notes:

1.

Graduation requires a minimum of two Writing Enriched courses. One must be taken from Psychology Foundations or the Advanced Psychology Requirement.

2.

Students must complete a minimum of 40 upper-division credits for graduation. Depending on courses completed for Psychology Foundations and Individual Differences, students may need to select additional upper-division electives.

Graduation Requirements:

1. Completion of a minimum of 120 credits, 40 of which must be 3000 level or higher.
2. Minimum overall UVU GPA of 2.0 upon graduation.
3. Minimum 2.5 program GPA upon graduation.
4. Residency hours--minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
5. All major course work taken to meet Psychology requirements must be completed with a grade of C- or better.
6. Successful completion of at least one Global/Intercultural course.

Note: Please see department advisor for explanation of all program requirements, a list of recommended classes, and for assistance with creating an academic plan for graduation.

Note: If a student has completed an associate degree through another institution, the required general education courses may be waived.

Note: Students would need to pass ENGL 1010 or ENGH 1005 and ENGL 2010 with a C+ or higher as prerequisites for the Psychology Bachelor degree courses.

Psychology, B.S.

Careers

1. Critically analyze quantitative data in order to draw empirically supported conclusions about human behaviors.
2. Write in a professional manner, defined as a mastery of the mechanics of basic writing, the conventions of professional writing (e.g., conforming to a publication style), and the ability to produce a coherent argument.
3. Interpret, design, and evaluate psychological research.

4. Demonstrate a critical understanding of the impact of societal inequality and oppression on psychological processes.

Related Careers

- Managers, All Other
- Clinical, Counseling, and School Psychologists
- Industrial-Organizational Psychologists
- Psychologists, All Other
- Psychology Teachers, Postsecondary

Social Work, B.S.W.

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Requirements

The UVU Behavioral Science Department offers classes that fulfill the social science distribution requirements for graduation, the Behavioral Science pre-major for the associate degree, the Behavioral Science major for the bachelor degree (with an emphasis in Anthropology, Family Studies, Psychology, or Sociology, a Bachelor of Social Work, and a Certificate of Proficiency in Substance Use Disorder Counseling (SUDC).

Total Program Credits: 120

Matriculation Requirements:			
Admission to the BSW program includes the following requirements:			
<ol style="list-style-type: none"> 1. Completion of all general education courses. 2. Completion of SW 1010 Introduction to Social Work with a B-grade or higher. 3. Completion of ENGL 1010 Introduction to Academic Writing CC or ENGH 1005 Literacies and Composition Across Contexts CC and ENGL 2010 Intermediate Academic Writing CC with a C+ grade or higher. 4. Overall GPA of 2.5 or higher. 5. Approval of the Social Work Admissions Committee. 			
General Education Requirements:			35 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGH 1005	Literacies and Composition Across Contexts CC (5)	
	ENGL 2010	Intermediate Academic Writing CC	3
Complete one of the following:			3
	MAT 1030	Quantitative Reasoning QL (3)	
	MAT 1035	Quantitative Reasoning with Integrated Algebra QL (6)	
	STAT 1040	Introduction to Statistics QL	
	STAT 1045	Introduction to Statistics with Algebra QL (5)	
	MATH 1050	College Algebra QL (4)	
	MATH 1055	College Algebra with Preliminaries QL (5)	
	MATH 1090	College Algebra for Business QL (3)	
Complete one of the following:			3
	POLS 1000	American Heritage SS (3)	
	POLS 1100	American National Government AS (3)	
	HIST 1700	American Civilization AS (3)	
	HIST 1740	US Economic History AS (3)	

	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
	HLTH 1100	Personal Health and Wellness TE	2
or	EXSC 1097	Fitness for Life TE (2)	
Distribution Courses:			
	Biology		3
	Physical Science		3
	Additional Biology or Physical Science		3
	Humanities		3
	Fine Arts		3
	PSY 1010	General Psychology SS (Social/ Behavioral Science)	3
Discipline Core Requirements:			64 Credits
Social Work Core - Complete the following courses:			
	PSY 3110	Statistics for the Behavioral Sciences	4
	SW 3860	Interviewing Skills	3
	SW 1010	Introduction to Social Work	3
	SW 2100	Human Behavior and the Social Environment I *	3
	SW 3000	Social Work Practice I *	3
	SW 3100	Social Work Practice II *	3
	SW 3200	Social Work Practice III *	3
	SW 3400	Human Behavior and the Social Environment II *	3
	SW 3500	Social Welfare Policies and Services *	3
	SW 3600	Ethics and Values in Social Work Practice *	3
	SW 371G	Diversity Issues in Social Work Practice GI *	3
	SW 4800	Integrated Seminar I *	1
	SW 481R	Field Placement *	5
	SW 481R	Field Placement *	5
	SW 4850	Integrated Seminar II *	1
Complete one of the following:			3
	BESC 3020	Research Methods for the Behavioral Sciences (3)	
	FAMS 3020	Research Methods for Family Science WE (3)	
	PSY 3030	Research Methods for Psychology (4)	
	SOC 3030	Social Research Methods WE (3)	
Social Work Electives - Complete 15 credits of approved social work electives. Choose from the following courses:			15
	BESC 3100	Career and Graduate School Preparation for Behavioral Science Majors (3)	
	BESC 4050	Clinical Research (3)	
	PSY 2300	Abnormal Psychology (3)	
	SOC 4020	Survey Research Design (3)	

	SW 3510	International Social Work (3)	
	SW 3750	Child Abuse/Neglect and Domestic Violence (3)	
	SW 4500	Crisis Intervention (3)	
	SW 4700	Case Management in Social Work Practice (3)	
	SW 475R	Current Topics in Social Work (3)	
	SW 489R	Advanced Research in Social Work (1-3)	
	SW 490R	Independent Studies (1)	
Elective Requirements:			21 Credits
	Complete 21 additional credits of any courses 1000 to 4000 level.		21

Graduation Requirements:

1. Completion of a minimum of 120 semester credits, 40 of which must be upper division.
2. Overall grade point average of 2.5 or above.
3. Residency hours -- minimum of 30 credit hours through course attendance at UVU, with at least 10 credit hours earned in the last 45 credit hours.
4. Complete PSY 3110 and BESC 3020 with a grade of C- or higher. All other BSW Social Work Core requirements must be completed with a grade of B- or higher.
5. All 15 credits of Social Work electives must be completed with a C- grade or higher.
6. Successful completion of at least one Global/Intercultural course.
7. Successful completion of at least two Writing Enriched courses.

Note: Please see department advisor to make an academic plan and for an explanation of all admission and program requirements.

Footnote

* Students must be formally admitted into the BSW program before they can register for this course.

Social Work, B.S.W.**Careers**

1. Demonstrate Ethical and Professional Behavior
2. Engage Diversity and Difference in Practice Advance Human Rights and Social, Economic, And Environmental Justice
3. Engage in Practice-informed Research and Research-Informed Practice
4. Engage in Policy Practice Engage with Individuals, Families, Groups, Organizations, and Communities
5. Assess Individuals, Families, Groups, Organizations, and Communities
6. Intervene with Individuals, Families, Groups, Organizations, and Communities.
7. Evaluate Practice with Individuals, Families, Groups, Organizations, and Communities

Related Careers

- Marriage and Family Therapists
- Counselors, All Other
- Child, Family, and School Social Workers
- Healthcare Social Workers
- Mental Health and Substance Abuse Social Workers
- Social Workers, All Other
- Probation Officers and Correctional Treatment Specialists
- Social Work Teachers, Postsecondary

Sociology, B.A.

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Requirements

Sociology is the scientific study of society which includes studying individuals in their primary and secondary groups and larger social institutions. It examines the social context of individual and collective lives. Sociology is a relatively young discipline that describes, explains, and predicts social interactions and institutions using theoretical as well as social scientific methods of inquiry. According to the American Sociological Association, the essential concepts that students will learn within sociology are social construction of everyday life and sociological imagination; social structure; socialization; social stratification, and social change. Students will also gain competencies in critical and theoretical thinking and application of social scientific methodology towards rigorous data analysis.

Total Program Credits: 120

General Education Requirements:		36 Credits
	ENGL 1010 Introduction to Academic Writing CC	3
or	ENGL 1005 Literacies and Composition Across Contexts CC (5)	
	ENGL 2010 Intermediate Academic Writing CC	3
Complete one of the following:		3
	MAT 1030 Quantitative Reasoning QL (3)	
	MAT 1035 Quantitative Reasoning with Integrated Algebra QL (6)	
	STAT 1040 Introduction to Statistics QL (3)	
	STAT 1045 Introduction to Statistics with Algebra QL (5)	
	MATH 1050 College Algebra QL 4)	
	MATH 1055 College Algebra with Preliminaries QL (5)	
	MATH 1090 College Algebra for Business QL (3)	
Complete one of the following:		3
	HIST 2700 US History to 1877 AS (3)	
and	HIST 2710 US History since 1877 AS (3)	
	HIST 1700 American Civilization AS (3)	
	HIST 1740 US Economic History AS (3)	
	POLS 1000 American Heritage SS (3)	
	POLS 1100 American National Government AS (3)	
Complete the following:		
	PHIL 2050 Ethics and Values IH	3
	HLTH 1100 Personal Health and Wellness TE	2
or	EXSC 1097 Fitness for Life TE (2)	
Distribution Courses:		
	Biology	3
	Physical Science	3
	Third Science Distribution	3
	Humanities Distribution (Fulfilled with Foreign Language 202G/2020 course)*	4
	Social/Behavioral Science Distribution	3

	Fine Arts Distribution	3
Discipline Core Requirements:		37 Credits
	SOC 1010 Introduction to Sociology SS	3
	SOC 1020 Modern Social Problems	3
	PSY 3110 Statistics for the Behavioral Sciences	4
	SOC 3030 Social Research Methods WE	3
	SOC 4000 Classical Social Theory	3
	SOC 4100 Contemporary Social Theory WE	3
Complete any 6 of the SOC classes		18
	SOC 1200 Sociology of the Family SS (3)	
	SOC 2370 Sociology of Gender (3)	
	SOC 3400 Sociology of Religion (3)	
	SOC 3460 Political Sociology (3)	
	SOC 263G Race and Minority Relations GI (3)	
	SOC 3520 Environmental Sociology (3)	
	SOC 3690 Internet and Society (3)	
	SOC 375G Sociology of Aging GI (3)	
	SOC 3800 Animals and Society (3)	
	SOC 4020 Survey Research Design (3)	
	SOC 4400 Social Change (3)	
	SOC 475R Current Topics in Sociology (1-3)	
	SOC 490R Independent Studies (1-3)	
Elective Requirements:		47 Credits
15 credits any course number 3000 or higher		15
20 credits any course numbered 1000 or higher		20
Complete 12 credits of one Foreign Language, including ASL (Foreign Language 202G/2020* course fulfills Humanities Distribution)*		12

Graduation Requirements:

1. Completion of a minimum of 120 credits, 40 of which must be 3000 level or higher.
2. Residency hours--minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
3. Minimum overall UVU GPA of 2.0 upon graduation.
4. Minimum 2.5 program GPA upon graduation.
5. All major course work taken to meet Behavioral Science requirements must be completed with a grade of C- or better.
6. Successful completion of at least one Global/Intercultural course.
7. Successful completion of at least two Writing Enriched courses.
8. For the BA degree, completion of 16 credit hours of course work from one language to include the 1010, 1020, 2010, 202G/2020 levels or transferred equivalents.

Note: Please see department advisor for explanation of all program requirements, a list of recommended classes, and for assistance with creating an academic plan for graduation.

Note: If a student has completed an associate degree through another institution, the required general education courses may be waived.

Note: Students would need to pass ENGL 1010 and ENGL 2010 with a C+ or higher as prerequisites for the Behavioral Science Bachelor degree courses.

Sociology, B.A.**Careers**

1. Apply Sociological Theories to Understand Social Phenomena.
2. Critically Evaluate Explanations of Human Behavior and Social Phenomena.
3. Apply Scientific Principles to Understand the Social World.
4. Evaluate the Quality of Social Scientific Methods and Data.
5. Rigorously Analyze Social Scientific Data.
6. Use Sociological Knowledge to Inform Policy Debates and Promote Public Understanding.

Related Careers

- Managers, All Other
- Sociologists
- Sociology Teachers, Postsecondary

Sociology, B.S.

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Requirements

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Total Program Credits: 120

General Education Requirements:		35 Credits
	ENGL 1010 Introduction to Academic Writing CC	3
or	ENGL 1005 Literacies and Composition Across Contexts CC (5)	
	ENGL 2010 Intermediate Academic Writing CC	3
Complete one of the following:		3
	MAT 1030 Quantitative Reasoning QL (3)	
	MAT 1035 Quantitative Reasoning with Integrated Algebra QL (6)	
	STAT 1040 Introduction to Statistics QL (3)	
	STAT 1045 Introduction to Statistics with Algebra QL (5)	
	MATH 1050 College Algebra QL (4)	
	MATH 1055 College Algebra with Preliminaries QL (5)	
	MATH 1090 College Algebra for Business QL (3)	
Complete one of the following:		3
	HIST 2700 US History to 1877 AS (3)	
and	HIST 2710 US History since 1877 AS (3)	
	HIST 1700 American Civilization AS (3)	
	HIST 1740 US Economic History AS (3)	
	POLS 1000 American Heritage SS (3)	

	POLS 1100 American National Government AS (3)	
Complete the following:		
	PHIL 2050 Ethics and Values IH	3
	HLTH 1100 Personal Health and Wellness TE	2
or	EXSC 1097 Fitness for Life TE (2)	
Distribution Courses:		
	Biology	3
	Physical Science	3
	Third Science Distribution	3
	Humanities Distribution	3
	Social/Behavioral Science Distribution	3
	Fine Arts Distribution	3
Discipline Core Requirements:		37 Credits
	SOC 1010 Introduction to Sociology SS	3
	SOC 1020 Modern Social Problems	3
	PSY 3110 Statistics for the Behavioral Sciences	4
	SOC 3030 Social Research Methods WE	3
	SOC 4000 Classical Social Theory	3
	SOC 4100 Contemporary Social Theory WE	3
Complete any 6 of the SOC classes		18
	SOC 1200 Sociology of the Family SS (3)	
	SOC 2370 Sociology of Gender (3)	
	SOC 263G Race and Minority Relations GI (3)	
	SOC 3400 Sociology of Religion (3)	
	SOC 3460 Political Sociology (3)	
	SOC 3520 Environmental Sociology (3)	
	SOC 3690 Internet and Society (3)	
	SOC 375G Sociology of Aging GI (3)	
	SOC 3800 Animals and Society (3)	
	SOC 4020 Survey Research Design (3)	
	SOC 4400 Social Change (3)	
	SOC 475R Current Topics in Sociology (1-3)	
	SOC 490R Independent Studies (1-3)	
Elective Requirements:		48 Credits
15 credits any course number 3000 or higher		15
33 credits any course numbered 1000 or higher		33

Graduation Requirements:

1. Completion of a minimum of 120 credits, 40 of which must be 3000 level or higher.
2. Residency hours--minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
3. Minimum overall UVU GPA of 2.0 upon graduation.
4. Minimum 2.5 program GPA upon graduation.
5. All major course work taken to meet Behavioral Science requirements must be completed with a grade of C- or better.
6. Successful completion of at least one Global/Intercultural course.
7. Successful completion of at least two Writing Enriched courses.

Behavioral Science

Note: Please see department advisor for explanation of all program requirements, a list of recommended classes, and for assistance with creating an academic plan for graduation.

Note: If a student has completed an associate degree through another institution, the required general education courses may be waived.

Note: Students would need to pass ENGL 1010 and ENGL 2010 with a C+ or higher as prerequisites for the Behavioral Science Bachelor degree courses.

Sociology, B.S.

Careers

1. Students will be able to distinguish between basic concepts and theoretical perspectives in sociology and how they are used in sociological explanations of social behavior.
2. Students will be able to distinguish and apply core substantive areas of sociological inquiry.
3. Students will be able to express sociological ideas critically, clearly, and coherently both in writing and in oral presentations.
4. Students will collect, analyze, and interpret empirical evidence in sociological research.

Related Careers

- Managers, All Other
- Sociologists
- Sociology Teachers, Postsecondary

Biology

DEPARTMENT CHAIR

GAZDIK STOFER, Michaela *Associate Professor*

FACULTY

BEUCHER, Margaret *Lecturer*

BROOKS, Lauren *Assistant Professor*

BYBEE, Paul *Professor*

CUSICK, Jessica *Assistant Professor*

DOMYAN, Eric *Assistant Professor*

DUNN, Paul H. *Associate Professor*

EGAN, Ashley *Associate Professor*

FAIRBANKS, Daniel *Professor*

FLOOD, Sara *Associate Professor*

GAZDIK STOFER, Michaela *Associate Professor*

HJELMEN, Carl *Assistant Professor*

HOUGH, Colleen *Associate Professor*

KARAFIATH, Summer *Assistant Professor*

KOPP, Olga R. *Professor*

KUDDUS, Ruhul H. *Professor*

LANEY, Alma Glenn *Assistant Professor*

MUGLESTON, Joseph *Lecturer*

OGDEN, T. Heath *Associate Professor*

OTALORA-LUNA, Fernando *Lecturer*

PRICE, James V. *Professor*

ROTTER, Michael *Assistant Professor*

STEVENS, Michael T. *Professor*

TAUZIN, Sebastien *Associate Professor*

TAYLOR, Danielle *Assistant Professor*

TAYLOR, Devin *Assistant Professor*

THOMPSON, Zoe *Assistant Professor*

TONGA, Lavon *Lecturer*

WHALEY, Wayne *Professor*

WILSON-ASHWORTH, Heather A. *Professor*

WYATT, Brittney *Assistant Professor*

ZAHN, Geoffrey *Assistant Professor*

Degrees & Programs

Biology, A.A.

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Requirements

Students interested in biology, or related fields, are encouraged to earn at least a baccalaureate degree (BS). Many professions (e.g., Pharmacy or Medicine) require additional post-baccalaureate education. The AS/AA degree is intended for students who plan to use it as a first step toward a baccalaureate degree. The AS/AA degree may be granted to those who do not continue in a bachelor's program and meet the minimum requirements.

Total Program Credits: 60

General Education Requirements:		39 Credits
	ENGL 1010 Introduction to Academic Writing CC	3

or	ENGH 1005	Literacies and Composition Across Contexts CC (5.0)	
	ENGL 2010	Intermediate Academic Writing CC	3
	MATH 1050	College Algebra QL	4
or	MATH 1055	College Algebra with Preliminaries QL (5.0)	
Complete one of the following:			3
	HIST 2700	US History to 1877 AS (3.0)	
and	HIST 2710	US History since 1877 AS (3.0)	
	HIST 1700	American Civilization AS (3.0)	
	HIST 1740	US Economic History AS (3.0)	
	POLS 1000	American Heritage SS (3.0)	
	POLS 1100	American National Government AS (3.0)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
or	PHIL 205G	Ethics and Values IH GI (3.0)	
	HLTH 1100	Personal Health and Wellness TE (2.0)	
or	EXSC 1097	Fitness for Life TE	2
Distribution Courses:			
	BIOL 1610	College Biology I BB (To be taken with BIOL 1615)	4
	CHEM 1210	Principles of Chemistry I PP (To be taken with CHEM 1215)	4
	CHEM 1220	Principles of Chemistry II PP (To be taken with CHEM 1225)	4
	Humanities Distribution		3
	Fine Arts Distribution		3
	Social/Behavioral Science		3
Discipline Core Requirements:			13 Credits
Complete the following:			
	BIOL 1615	College Biology I Laboratory (To be taken with BIOL 1610)	1
	BIOL 1620	College Biology II	3
and	BIOL 1625	College Biology II Laboratory	1
	CHEM 1215	Principles of Chemistry I Laboratory (To be taken with CHEM 1210)	1
	CHEM 1225	Principles of Chemistry II Laboratory (To be taken with CHEM 1220)	1
	Minimum of 2 additional biology courses (BIOL, BOT, BTEC, MICR, or ZOOL prefixes). ¹		6
Elective Requirements:			8 Credits
	Same Foreign Language.		8

Graduation Requirements:

1. Completion of a minimum of 60 semester credits.
2. Overall grade point average of 2.0 (C) or above. (Departments may require a higher GPA.)
3. Residency hours -- minimum of 20 credit hours through course attendance at UVU.
4. Completion of GE and specified departmental requirements.
5. For the AA degree, completion of 8 credit hours of course work from one language.

Biology

Footnote
¹ BIOL 1010 cannot be used to meet this requirement. See Biology Advisor

Biology, A.A. Careers

1. Demonstrate knowledge of cellular biology.
2. Demonstrate a knowledge of molecular genetics and principles of inheritance.

Related Careers

- Natural Sciences Managers
- Biological Scientists, All Other
- Life Scientists, All Other
- Biological Science Teachers, Postsecondary
- Secondary School Teachers, Except Special and Career/Technical Education

Biology, A.S.

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Requirements

Students interested in biology, or related fields, are encouraged to earn at least a baccalaureate degree (BS). Many professions (e.g., Pharmacy or Medicine) require additional post-baccalaureate education. The AS/AA degree is intended for students who plan to use it as a first step toward a baccalaureate degree. The AS/AA degree may be granted to those who do not continue in a bachelor's program and meet the minimum requirements.

Total Program Credits: 60

General Education Requirements:		39 Credits
	ENGL 1010 Introduction to Academic Writing CC	3
or	ENGL 1005 Literacies and Composition Across Contexts CC (5.0)	
	ENGL 2010 Intermediate Academic Writing CC	3
	MATH 1050 College Algebra QL	4
or	MATH 1055 College Algebra with Preliminaries QL (5.0)	
Complete one of the following:		3
	HIST 2700 US History to 1877 AS (3.0)	
and	HIST 2710 US History since 1877 AS (3.0)	
	HIST 1700 American Civilization AS (3.0)	
	HIST 1740 US Economic History AS (3.0)	
	POLS 1000 American Heritage SS (3.0)	
	POLS 1100 American National Government AS (3.0)	
Complete the following:		
	PHIL 2050 Ethics and Values IH	3
or	PHIL 205G Ethics and Values IH GI	
	HLTH 1100 Personal Health and Wellness TE (2.0)	
or	EXSC 1097 Fitness for Life TE	2
Distribution Courses:		

BIOL 1610	College Biology I BB (To be taken with BIOL 1615)	4
CHEM 1210	Principles of Chemistry I PP (To be taken with CHEM 1215)	4
CHEM 1220	Principles of Chemistry II PP (To be taken with CHEM 1225)	4
Humanities Distribution		3
Fine Arts Distribution		3
Social/Behavioral Science		3
Discipline Core Requirements:		13 Credits
Complete the following:		
BIOL 1615	College Biology I Laboratory (To be taken with BIOL 1610)	1
BIOL 1620	College Biology II	3
and BIOL 1625	College Biology II Laboratory	1
CHEM 1215	Principles of Chemistry I Laboratory (To be taken with CHEM 1210)	1
CHEM 1225	Principles of Chemistry II Laboratory (To be taken with CHEM 1220)	1
Minimum of 2 additional biology courses (BIOL, BOT, MICR, or ZOOL prefixes). ¹		6
Elective Requirements:		8 Credits
Complete any course 1000 or higher. See Biology Advisor.		8

Graduation Requirements:

1. Completion of a minimum of 60 semester credits.
2. Overall grade point average of 2.0 (C) or above. (Departments may require a higher GPA.)
3. Residency hours -- minimum of 20 credit hours through course attendance at UVU.
4. Completion of GE and specified departmental requirements.

Footnote
¹ BIOL 1010 cannot be used to meet this requirement. See Biology Advisor.

Biology, A.S. Careers

1. Demonstrate knowledge of cellular biology.
2. Demonstrate a knowledge of molecular genetics and principles of inheritance.

Related Careers

- Natural Sciences Managers
- Biological Scientists, All Other
- Life Scientists, All Other
- Biological Science Teachers, Postsecondary
- Secondary School Teachers, Except Special and Career/Technical Education

Biology, Minor

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Requirements

The minor is a way for students to investigate the Biology Degree.

Total Program Credits: 21

Matriculation Requirements:			
1. Admitted to a bachelor degree program at UVU.			
Discipline Core Requirements:			21 Credits
Complete the following with a grade of C- or better:			
	BIOL 1610	College Biology I BB	4
	BIOL 1615	College Biology I Laboratory	1
	BIOL 1620	College Biology II	3
	BIOL 1625	College Biology II Laboratory	1
Complete 12 upper-division credits from any BIOL, BOT, MICR, or ZOOL courses with a grade of C- or higher in each. BIOL 489R, BIOL 499R, cannot be used to meet this requirement. ¹			12
Notes:			
1. BIOL 489R Student Research, BIOL 499R Senior Thesis, cannot be used to meet this requirement.			

Biology, Minor Careers

1. Apply the process of science through the use of hypothesis testing in the design and completion of scientific experiments.
2. Critically evaluate scientific information.
3. Quantitatively analyze scientific data through graph interpretation, statistical analysis, and problem solving.
4. Effectively communicate scientific information in both written and oral formats.
5. Explain fundamental biological concepts including cell biology, genetics, evolution, ecological principles, organismal biology, and biodiversity.
6. Apply scientific concepts both across and outside of biology that demonstrate interdisciplinary understanding.

Related Careers

- Natural Sciences Managers
- Biological Scientists, All Other
- Life Scientists, All Other
- Biological Science Teachers, Postsecondary
- Secondary School Teachers, Except Special and Career/Technical Education

Bioinformatics, B.S.

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Requirements

Bioinformatics is the fastest growing field in Biology. In general terms, bioinformatics is the synthesis of computational methods and biological systems and comprises many sub-fields that approach different questions in biology. A Bachelor of Science in Bioinformatics will prepare students to enter a variety of fields such as: medical informatics and interventions, new agricultural paradigms, pharmaceutical discovery, and molecular genealogy predictions, among others. This degree would provide students with the knowledge, skills, and experience to be competitive for both graduate school and employment opportunities.

Total Program Credits: 120

Matriculation Requirements:			
BIOL 1610 College Biology BB with C- or higher			
CS 1400 Fundamentals of Programming with a C+ or higher, and			
Approval of Biology Department or Computer Science Department advisor.			
General Education Requirements:			39 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGH 1005	Literacies and Composition Across Contexts CC (5)	
	ENGL 2010	Intermediate Academic Writing CC	3
	MATH 1050	College Algebra QL	4
or	MATH 1055	College Algebra with Preliminaries QL (5)	
Complete one of the following:			3
	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	
	HIST 1700	American Civilization AS (3)	
	HIST 1740	US Economic History AS (3)	
	POLS 1000	American Heritage SS (3)	
	POLS 1100	American National Government AS (3)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
or	PHIL 205G	Ethics and Values IH GI (3)	
	HLTH 1100	Personal Health and Wellness TE (2)	
or	EXSC 1097	Fitness for Life TE	2
Distribution Courses:			
	BIOL 1610	College Biology I BB	4
	CHEM 1210	Principles of Chemistry I PP	4
	CHEM 1220	Principles of Chemistry II PP	4
	Humanities Distribution		3
	Fine Arts Distribution		3
	Social/Behavioral Science		3
Discipline Core Requirements:			50 Credits
	BIOL 1011	Introduction to Bioinformatics BB	3
	BIOL 1615	College Biology I Laboratory	1
	BIOL 3500	Genetics	3
	BIOL 3550	Molecular Biology	3
	BIOL 3100	Introduction to Data Analysis for Biologists	3
	BIOL 492R	Professional Development	1
	BIOL 494R	Student Seminar WE	2
	BIOL 497R	Biology Colloquium (0.5 cr, two required)	1
	BIOL 4550	Molecular Evolution and Bioinformatics WE	3
	BIOL 4600	Bioinformatics Capstone	3
	STAT 2040	Principles of Statistics QL	4

Biology

	CHEM 1215	Principles of Chemistry I Laboratory	1
	CHEM 1225	Principles of Chemistry II Laboratory	1
	CS 1400	Fundamentals of Programming	3
	CS 1410	Object Oriented Programming	3
	CS 2300	Discrete Mathematical Structures I	3
	CS 2420	Introduction to Algorithms and Data Structures	3
	CS 305G	Global Social and Ethical Issues in Computing GI WE	3
	INFO 2410	Database Fundamentals	3
	IT 1510	Introduction to System Administration--Linux/UNIX	3
Elective Requirements:			31 Credits
	Choose 6 credits from any general electives. ¹		6
	Choose 25 credits from list below or approved by advisor		25
	BIOL 4300	Bioinformatics and Genome Analysis (4)	
	BIOL 3700	General Ecology (3)	
	BIOL 4500	Principles of Evolution WE (3)	
	BIOL 4400	Genomics (3)	
	BIOL 489R	Student Research (1-9)	
	BIOL 490R	Special Topics in Biology (1-4)	
	BIOL 499R	Senior Thesis (1-2)	
	MICR 3200	Emerging and Re Emerging Diseases and Zoonoses (3)	
	MICR 2060	Microbiology for Health Professions BB (3)	
	MICR 3450	General Microbiology (3)	
	CS 3270	Python Software Development (3)	
	CS 3320	Numerical Software Development (3)	
	CS 3520	Database Theory (3)	
	CS 3530	Data Management For Data Sciences (3)	
	STAT 4100	Design of Experiment (3)	
	STAT 4400	Multivariate Analysis WE (3)	
	STAT 4710	Mathematical Statistics-Probability and Statistics (3)	
	STAT 4720	Mathematical Statistics-Statistical Inference (3)	
	MATH 1210	Calculus I QL (4)	
or	MATH 121H	Calculus I QL (4)	
	MATH 1220	Calculus II (4)	
or	MATH 122H	Calculus II (4)	
	MATH 2270	Linear Algebra (3)	
	MATH 2210	Calculus III (4)	
or	MATH 222H	Calculus III (4)	

Graduation Requirements:

1. Complete the required minimum credit hours.

2. If an AA or AS degree has been earned, a maximum of 64 of these credits may apply toward the BS.
3. At least 30 credit hours in residence at UVU or satellite sites are required, with 10 hours earned during the last 45 hours.
4. A minimum of 40 credits must be upper-division (numbered 3000 or above).
5. A minimum of 40 credits must be in the major, 30 of which must be upper-division. A minimum of nine Department credits must be taken at UVU.
6. Except for 490R Special Topics courses, a maximum cumulative total of 9 credits in any combination of upper division Departmental courses with an "R" designation may count toward graduation.
7. Complete Biology Department core courses with a grade of "C-" or higher in each course.
8. Achieve a minimum overall GPA of 2.0 with a minimum GPA of 2.25 in biology department courses.
9. Complete the appropriate application for graduation form.
10. Successful completion of at least one Global/Intercultural course.

Footnotes:

- ¹ Upper division is suggested to meet upper division requirements

Bioinformatics, B.S.

Careers

1. Demonstrate mastery of the core concepts of bioinformatics as derived from the associated fields of biology, computer science, mathematics, informatics, and chemistry.
2. Utilize existing software to extract, compile, and analyze information from large databases.
3. Create data science pipelines and/or computer programs that facilitate biological data analysis.
4. Complete a project in bioinformatics and communicate the outcomes effectively by participation in one or more of the following: an internship, a professional presentation, mentored research, or as coauthor of a peer-reviewed publication (or other approved activity).

Related Careers

- Computer and Information Research Scientists
- Software Developers, Applications
- Computer Occupations, All Other

Biology Education, B.S.

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Requirements

Biology is the study of living organisms and includes study of subjects such as evolution, ecology, zoology, physiology, anatomy, and botany among other subjects. Completion of this degree will prepare students to teach classes in high school biology, and related subjects, plus integrated science at the 7th grade level.

Total Program Credits: 126

Matriculation Requirements:

Admission to Professional Education status is a requirement for enrollment in professional studies level courses. Admission criteria includes:

1. ENGL and MATH QL courses must have a grade C or higher.
2. GPA of 3.0 or higher with no grade lower than a C in content area courses.
3. Completion of all General Education requirements and 70% of content area courses.

4. Pass LiveScan Criminal Background Check.			
General Education Requirements:			38 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGH 1005	Literacies and Composition Across Context CC (5.0)	
	ENGL 2010	Intermediate Academic Writing CC	3
	MATH 1050	College Algebra QL	4
or	MATH 1055	College Algebra with Preliminaries QL (5.0)	
Complete one of the following:			3
	HIST 2700	US History to 1877 AS (3.0)	
and	HIST 2710	US History since 1877 AS (3.0)	
	HIST 1700	American Civilization AS (3.0)	
	HIST 1740	US Economic History AS (3.0)	
	POLS 1000	American Heritage SS (3.0)	
	POLS 1100	American National Government AS (3.0)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
or	PHIL 205G	Ethics and Values IH GI	
	HLTH 1100	Personal Health and Wellness TE (2.0)	
or	EXSC 1097	Fitness for Life TE	2
Distribution Courses			
	BIOL 1610	College Biology I BB	4
	CHEM 1110	Elementary Chemistry for the Health Sciences PP	4
	PHYS 1010	Elementary Physics PP	3
	Humanities Distribution		3
	Fine Arts Distribution		3
	Social/Behavioral Science Distribution		3
Discipline Core Requirements:			88 Credits
	BIOL 1615	College Biology I Laboratory	1
	BIOL 1620	College Biology II	3
and	BIOL 1625	College Biology II Laboratory	1
Complete three of the following sequences: (MICR 2060/2065 & MICR 3450/3455 cannot both count)			12
	MICR 2060	Microbiology for Health Professions BB (3)	
and	MICR 2065	Microbiology for Health Professions Laboratory (1)	
or	MICR 3450	General Microbiology (3)	
and	MICR 3455	General Microbiology Laboratory (1)	
or	ZOOL 3100	Vertebrate Zoology (3)	
and	ZOOL 3105	Vertebrate Zoology Laboratory (1)	
or	ZOOL 3200	Invertebrate Zoology (3)	
and	ZOOL 3205	Invertebrate Zoology Laboratory (1)	
or	BIOL 3400	Cell Biology (3)	
and	BIOL 3405	Cell Biology Laboratory (1)	
Complete one of the following:			3

	BIOL 2500	Environmental Biology BB (3)	
	BIOL 3300	Developmental Biology (3)	
	BIOL 3800	Conservation Biology (3)	
	BIOL 4300	Bioinformatics and Genome Analysis (4)	
	BOT 2050	Field Botany BB (3)	
	BOT 2400	Plant Kingdom BB (4)	
	BOT 2100	Flora of Utah BB (3)	
	BOT 4300	Native Trees and Shrubs of Utah (3)	
	MICR 3200	Emerging and Re Emerging Diseases and Zoonoses (3)	
	ZOOL 4000	Animal Behavior (3)	
	BIOL 3500	Genetics (3)	
	BIOL 3200	Guided Research Experience (1-3)	
Complete the following:			
	BIOL 3700	General Ecology	3
	BIOL 4500	Principles of Evolution WE	3
	BIOL 494R	Student Seminar WE	2
	BOT 3340	Plant Biology	4
	SCIE 4210	Science Teaching Methods I	3
	SCIE 4220	Teaching Methods in Science II	3
	ZOOL 2320	Human Anatomy BB	3
and	ZOOL 2325	Human Anatomy Laboratory	1
	ZOOL 2420	Human Physiology	3
and	ZOOL 2425	Human Physiology Laboratory	1
	CHEM 1115	Elementary Chemistry Laboratory	1
	CHEM 1120	Elementary Organic Bio-Chemistry	4
and	CHEM 1125	Elementary Organic Bio-Chemistry Laboratory	1
	GEO 1010	Introduction to Geology PP	3
and	GEO 1015	Introduction to Geology Laboratory	1
Education Courses: ¹			
	EDEL 1010	Introduction to Education	2
	EDSC 3000	Educational Psychology	3
	EDSC 325G	Equitable Technology Integration GI	2
	EDSP 340G	Exceptional Students GI	2
	EDSC 4200	Classroom Management I	2
	EDSC 4250	Classroom Management II	2
	EDSC 445G	Multicultural Instruction ESL GI	3
	EDSC 4440	Content Area Literacies	3
	EDSC 455G	Secondary Curriculum Instruction and Assessment GI	3
	EDSC 4850	Student Teaching Secondary	8
	EDSC 4990	Teacher Performance Assessment Project WE	2

Graduation Requirements:

1. Complete the required minimum credit hours.

Biology

- If an AA or AS degree has been earned, a maximum of 64 of these credits may apply toward the BS.
- At least 30 credit hours in residence at UVU or satellite sites are required, with 10 hours earned during the last 45 hours.
- A minimum of 40 credits must be upper-division (numbered 3000 or above).
- A minimum of 30 credits must be in the major (BIOL, BOT, MICR, or ZOOL prefixes), courses as follows: minimum of 9 Biology credits must be taken at UVU and a minimum of 20 Biology credits must be upper-division.
- Complete the appropriate application for graduation form.
- Successful completion of at least one Global/Intercultural course.
- Overall Grade of 3.0 (B) or above with no grade lower than a C or better in major required content courses and no grade lower than a B- in Licensure and Methods courses.

Footnotes:

¹Must be completed with a grade of B- or higher.

Biology Education, B.S.

Careers

- Demonstrate an overall knowledge of biology needed to teach in the secondary education system.
- MFAT test Data in support of Overall Knowledge of Biology needed to teach in the Secondary Education System
- State Praxis Test Scores in support of Demonstrating overall knowledge of Biology to teach in the Secondary Education System
- 90% of UVU students completing a Bachelors of Science Degree in Secondary Education in biology and who apply for employment teaching in junior high and high schools will successfully gain employment in secondary education within one year.
- Students who do gain employment in secondary education will demonstrate skill and knowledge in pedagogy.

Related Careers

- Biological Science Teachers, Postsecondary
- Education Teachers, Postsecondary
- Middle School Teachers, Except Special and Career/Technical Education
- Secondary School Teachers, Except Special and Career/Technical Education

Biology, B.S.

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Requirements

Students interested in Biology, or related fields, are encouraged to earn at least a baccalaureate degree (BS). Many professions (e.g., Pharmacy or Medicine) require additional post-baccalaureate education. The BS degree in Biology may be used for entry into a career or in preparation for graduate (Masters/PhD) or professional schools (medical, dental, pharmacy, etc.).

Total Program Credits: 120

Matriculation Requirements:		
BIOL 1610 College Biology I with C- or higher and approval of Biology Department advisor.		
General Education Requirements:		39 Credits
	ENGL 1010 Introduction to Academic Writing CC	3

or	ENGH 1005	Literacies and Composition Across Contexts CC (5)	
	ENGL 2010	Intermediate Academic Writing CC	3
	MATH 1050	College Algebra QL	4
or	MATH 1055	College Algebra with Preliminaries QL (5)	
Complete one of the following:			3
	HIST 2700	US History to 1877 AS	
and	HIST 2710	US History since 1877 AS (6)	
	HIST 1700	American Civilization AS (3)	
	HIST 1740	US Economic History AS (3)	
	POLS 1000	American Heritage SS (3)	
	POLS 1100	American National Government AS (3)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
or	PHIL 205G	Ethics and Values IH GI (3)	
	HLTH 1100	Personal Health and Wellness TE (2)	
or	EXSC 1097	Fitness for Life TE	2
Distribution Courses:			
	BIOL 1610	College Biology I BB	4
	CHEM 1210	Principles of Chemistry I PP	4
	CHEM 1220	Principles of Chemistry II PP	4
	Humanities Distribution		3
	Fine Arts Distribution		3
	Social/Behavioral Science		3
Discipline Core Requirements:			54 Credits
	BIOL 1615	College Biology I Laboratory	1
	BIOL 1620	College Biology II	3
	BIOL 1625	College Biology II Laboratory	1
	BIOL 3400	Cell Biology	3
	BIOL 3500	Genetics	3
	BIOL 3550	Molecular Biology	3
	BIOL 3600	Biological Chemistry	3
	BIOL 3700	General Ecology	3
	BIOL 4500	Principles of Evolution WE	3
	BIOL 492R	Professional Development	1
	BIOL 494R	Student Seminar WE	2
	BIOL 497R	Biology Colloquium (0.5 cr, two required)	1
Complete one of the following upper division lab courses: <i>One course from this category needs to be taken although only 1 credit hour is required.</i>			1
	BIOL 3100	Introduction to Data Analysis for Biologists (3)	
	BIOL 3200	Guided Research Experience (1-3)	
	BIOL 3405	Cell Biology Laboratory (1)	
	BIOL 3515	Advanced Genetics Laboratory (1)	
	BIOL 3555	Experiments in Molecular Biology (1)	

	BIOL 4300	Bioinformatics and Genome Analysis (4)	
	BIOL 4550	Molecular Evolution and Bioinformatics WE (3)	
	MICR 3150	Microbial Ecology WE (4)	
	MICR 3455	General Microbiology Laboratory (1)	
	MICR 4505	Applied Virological Methods (3)	
	BOT 3500	Mycology (4)	
	BOT 3800	Ethnobotany WE (4)	
	BOT 4100	Plant Anatomy (4)	
	BOT 4200	Plant Systematics (3)	
	BOT 4430	Plant Pathology (3)	
	BOT 4600	Plant Physiology WE	
and	BOT 4605	Plant Physiology Laboratory (4)	
	BOT 4700	Plant Tissue Culture WE (4)	
Complete one of the following:			4
	STAT 2040	Principles of Statistics QL	4
or	MATH 1060	Trigonometry QL (3)	
and	MATH 1210	Calculus I QL (5)	
	PHYS 2010	College Physics I PP	4
	PHYS 2015	College Physics I Lab	1
	PHYS 2020	College Physics II PP	4
	PHYS 2025	College Physics II Lab	1
	CHEM 1215	Principles of Chemistry I Laboratory	1
	CHEM 1225	Principles of Chemistry II Laboratory	1
	CHEM 2310	Organic Chemistry I	4
	CHEM 2315	Organic Chemistry I Laboratory	1
	CHEM 2320	Organic Chemistry II	4
	CHEM 2325	Organic Chemistry II Laboratory	1
Elective Requirements:			27 Credits
	Choose 4 credits from any MICR electives. ¹		4
	Choose 3 credits from any BOT electives. ¹		3
	Choose 3 credits from any ZOOL electives. ¹		3
	Additional credits to meet credit and upper-division requirements.		17

Graduation Requirements:

- Complete the required minimum credit hours.
- If an AA or AS degree has been earned, a maximum of 64 of these credits may apply toward the BS.
- At least 30 credit hours in residence at UVU or satellite sites are required, with 10 hours earned during the last 45 hours.
- A minimum of 40 credits must be upper-division (numbered 3000 or above).
- A minimum of 40 credits must be in the major (BIOL, BOT, BTEC, MICR, or ZOOL prefixes), 30 of which must be upper-division. A minimum of nine Department credits must be taken at UVU.
- Except for 490R Special Topics courses, a maximum cumulative total of 9 credits in any combination of upper division Departmental courses with an "R" designation may count toward graduation.
- Complete Biology Department core courses with a grade of "C-" or higher in each course.

- Achieve a minimum overall GPA of 2.0 with a minimum GPA of 2.25 in biology department courses.
- Complete the appropriate application for graduation form.
- Successful completion of at least one Global/Intercultural course.

Footnote

¹Upper division is suggested to meet upper division requirements

Biology, B.S.**Careers**

- Apply the process of science through the use of hypothesis testing in the design and completion of scientific experiments
- Critically evaluate scientific information
- Quantitatively analyze scientific data through graph interpretation, statistical analysis, and problem solving
- Effectively communicate scientific information in both written and oral formats.
- Explain fundamental biological concepts including cell biology, genetics, evolution, ecological principles, organismal biology, and biodiversity
- Apply scientific concepts both across and outside of biology that demonstrate interdisciplinary understanding

Related Careers

- Natural Sciences Managers
- Biological Scientists, All Other
- Life Scientists, All Other
- Biological Science Teachers, Postsecondary
- Secondary School Teachers, Except Special and Career/Technical Education

Biotechnology, B.S.

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Requirements

The Bachelor's Degree in Biotechnology will prepare students to enter the field of research, education, pharmaceuticals, forensics, and a variety of other careers. It is also great preparation for advanced degrees in the sciences.

Total Program Credits: 124

General Education Requirements:			39 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGH 1005	Literacies and Composition Across Context CC (5)	
	ENGL 2010	Intermediate Academic Writing CC	3
	MATH 1050	College Algebra QL	4
or	MATH 1055	College Algebra with Preliminaries QL	
Complete one of the following:			3
	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	
	HIST 1700	American Civilization AS (3)	
	HIST 1740	US Economic History AS (3)	
	POLS 1000	American Heritage SS (3)	
	POLS 1100	American National Government AS (3)	
Complete the following:			

Biology

	PHIL 2050	Ethics and Values IH	3
	HLTH 1100	Personal Health and Wellness TE (2)	
or	EXSC 1097	Fitness for Life TE	2
Distribution Courses:			
	BIOL 1610	College Biology I BB	4
	CHEM 1210	Principles of Chemistry I PP	4
	CHEM 1220	Principles of Chemistry II PP	4
	Humanities Distribution		3
	Fine Arts Distribution		3
	Social/Behavioral Science		3
Discipline Core Requirements:			73 Credits
	BIOL 1615	College Biology I Laboratory	1
	BIOL 3400	Cell Biology	3
	BIOL 3500	Genetics	3
	BIOL 3550	Molecular Biology	3
	BIOL 3600	Biological Chemistry	3
	BIOL 4550	Molecular Evolution and Bioinformatics WE	3
	BTEC 494R	Student Seminar WE	2
	Choose any 2 from the following. <i>Student must complete at least 2 of the courses listed even if it exceeds the required 3 credit hours.</i>		3
	BIOL 3515	Advanced Genetics Laboratory (1)	
	BIOL 3605	Biological Chemistry Lab (1)	
	BIOL 3405	Cell Biology Laboratory (1)	
	BIOL 3100	Introduction to Data Analysis for Biologists (3)	
	BIOL 3555	Experiments in Molecular Biology (1)	
	CHEM 3005	Analytical Chemistry Laboratory (2)	
	BTEC 3300	Biomolecular Modeling and Simulations (4)	
	BOT 4700	Plant Tissue Culture WE (4)	
	ZOO 4300	Histology (4)	
	Choose any from the following:		8
	BTEC 481R	Biotechnology Internship (1-10)	
	BIOL 489R	Student Research (1-4)	
	BTEC 489R	Student Research (1-4)	
	BTEC 499R	Senior Thesis (1-2)	
	Choose from 1 MICR course and accompanying lab from the following:		4
	MICR 3450	General Microbiology (3) (***Recommended***)	
	MICR 3455	General Microbiology Laboratory (1)	
	MICR 2060	Microbiology for Health Professions BB (3)	
	MICR 2065	Microbiology for Health Professions Laboratory (1)	
	Complete the following:		
	STAT 2040	Principles of Statistics QL	4
	PHYS 2010	College Physics I PP	4

	PHYS 2015	College Physics I Lab	1
	PHYS 2020	College Physics II PP	4
	PHYS 2025	College Physics II Lab	1
	CHEM 1215	Principles of Chemistry I Laboratory	1
	CHEM 1225	Principles of Chemistry II Laboratory	1
	CHEM 2310	Organic Chemistry I	4
	CHEM 2315	Organic Chemistry I Laboratory	1
	CHEM 2320	Organic Chemistry II	4
	CHEM 2325	Organic Chemistry II Laboratory	1
	BTEC 1010	Fundamentals of Biotechnology I Career Survey BB	3
	BTEC 2010	DNA Manipulation and Analysis	3
	BTEC 2020	Protein Purification and Analysis	3
	BTEC 2030	Cell Culture Techniques	2
	BTEC 2040	Advanced Nucleic Acid Laboratory	3
Elective Requirements:			12 Credits
	Additional credits to meet credit and upper-division requirements.		12

Graduation Requirements:

1. Complete the required minimum credit hours.
2. At least 30 credit hours in residence at UVU or satellite sites are required, with 10 hours earned during the last 45 hours.
3. A minimum of 40 credits must be upper-division (numbered 3000 or above).
4. Complete core courses with a grade of "C" or higher in each BTEC course and a "C-" or higher in all other core courses.
5. Achieve a minimum overall GPA of 2.0 with a minimum GPA of 2.25 in core courses.
6. Successful completion of at least one Global/Intercultural course.

Biotechnology, B.S.

Careers

1. Apply the process of science through the use of hypothesis testing in the design and completion of scientific experiments.
2. Critically evaluate scientific information.
3. Quantitatively analyze scientific data through graph interpretation, statistical analysis, and problem solving.
4. Effectively communicate scientific information in both written and oral formats.
5. Explain fundamental biological concepts including molecular biology, biochemistry, cell biology, genetics, and evolution.

Related Careers

- Natural Sciences Managers
- Biological Scientists, All Other
- Biological Science Teachers, Postsecondary

Botany, B.S.

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Requirements

Students interested in botany, or related fields, are strongly encouraged to earn at least a baccalaureate degree (BS). To be competitive in the job market additional post-baccalaureate education is suggested. The BS degree in Botany may be used for entry into a career or in

preparation for graduate (Masters/ PhD) or professional schools (medical, pharmacy etc.).

Total Program Credits: 120

Matriculation Requirements:			
1. BIOL 1610 College Biology I BB with C- or higher and approval of Biology Department adviser.			
General Education Requirements:			39 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGH 1005	Literacies and Composition Across Context CC (5)	
	ENGL 2010	Intermediate Academic Writing CC	3
	MATH 1050	College Algebra QL	4
or	MATH 1055	College Algebra with Preliminaries QL (5)	
Complete one of the following:			3
	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	
	HIST 1700	American Civilization AS (3)	
	HIST 1740	US Economic History AS (3)	
	POLS 1000	American Heritage SS (3)	
	POLS 1100	American National Government AS (3)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
or	PHIL 205G	Ethics and Values IH GI	
	HLTH 1100	Personal Health and Wellness TE (2)	
or	EXSC 1097	Fitness for Life TE	2
Distribution Courses:			
	BIOL 1610	College Biology I BB	4
	CHEM 1210	Principles of Chemistry I PP	4
	CHEM 1220	Principles of Chemistry II PP	4
	Humanities Distribution		3
	Fine Arts Distribution		3
	Social/Behavioral Science		3
Discipline Core Requirements:			63 Credits
	BIOL 1615	College Biology I Laboratory	1
	BIOL 1620	College Biology II	3
	BIOL 1625	College Biology II Laboratory	1
	BIOL 3400	Cell Biology	3
	BIOL 3500	Genetics	3
	BIOL 4500	Principles of Evolution WE	3
	BIOL 492R	Professional Development	1
	BIOL 494R	Student Seminar WE	2
	BIOL 497R	Biology Colloquium (0.5 cr, two required)	1
	BOT 2100	Flora of Utah BB	3
or	BOT 2050	Field Botany BB (3)	
	BOT 2400	Plant Kingdom BB	4
	BOT 4050	Plant Ecology	3

	BOT 4055	Plant Ecology Laboratory	1
	BOT 4100	Plant Anatomy	4
	BOT 4200	Plant Systematics	3
	BOT 4300	Native Trees and Shrubs of Utah	3
or	BOT 4500	Introduction to Grasses (3)	
	BOT 4600	Plant Physiology WE	3
and	BOT 4605	Plant Physiology Laboratory	1
	CHEM 1215	Principles of Chemistry I Laboratory	1
	CHEM 1225	Principles of Chemistry II Laboratory	1
	CHEM 2310	Organic Chemistry I	4
	CHEM 2315	Organic Chemistry I Laboratory	1
	STAT 2040	Principles of Statistics QL	4
or	MATH 1060	Trigonometry QL (3)	
and	MATH 1210	Calculus I QL (5)	
	MICR 3450	General Microbiology	3
and	MICR 3455	General Microbiology Laboratory	1
	PHYS 2010	College Physics I PP	4
	PHYS 2015	College Physics I Lab	1
Elective Requirements:			18 Credits
	Additional credits to meet credit and upper-division requirements. ¹		18
Notes:			
1. ENVT 2630 and ENVT 3630 are suggested electives. BOT 3340 cannot count for credit towards the Botany degree			

Graduation Requirements:

1. Complete the required minimum credit hours.
2. Completion of GE and specified departmental requirements.
3. If an AA or AS degree has been earned, a maximum of 64 of these credits may apply toward the BS.
4. At least 30 credit hours in residence at UVU or satellite sites are required, with 10 hours earned during the last 45 hours.
5. A minimum of 40 credits must be upper-division (numbered 3000 or above).
6. A minimum of 40 credits must be in the Biology Department (BIOL, BOT, BTEC, MICR, or ZOOL prefixes), 30 of which must be upper-division. A minimum of nine Biology Department credits must be taken at UVU.
7. Complete discipline core courses with a grade of "C-" or higher in each course.
8. Except for 490R Special Topics courses, a maximum cumulative total of 9 credits in any combination of upper division Departmental courses with an "R" designation may count toward graduation.
9. Achieve a minimum overall GPA of 2.0 with a minimum GPA of 2.25 in Biology Department courses.
10. Complete the appropriate application for graduation form.
11. Successful completion of at least one Global/Intercultural course.

Botany, B.S. Careers

1. Demonstrate critical thinking and analytical skills.
2. Demonstrate knowledge of cellular and organismal biology (including plant anatomy, physiology and diversity), population biology, evolution and ecology (emphasizing organisms' interdependency for survival and for quality of life in the biosphere)

Biology

- 70% of the students successfully completing a Bachelors of Science in Biology and taking the GRE examination will score in the 50 percentile or better.
- Biology graduates applying to post-graduate studies will be accepted into graduate or professionalschools, or if applying for employment in any area related to botany will be hired.

Related Careers

- Natural Sciences Managers
- Biological Scientists, All Other
- Biological Science Teachers, Postsecondary

Microbiology, B.S.

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Requirements

Microbiology is the study of microorganisms, the smallest living things on earth, including bacteria, viruses, fungi, protozoa, and algae. While microorganisms are most known for their ability to cause disease, they are actually ubiquitous on earth and central to many of the essential life processes on this planet. The field of microbiology is a major contributor to human, animal, plant, and environmental health as well as central to the food/beverage, biotechnology, bioremediation, and pharmaceutical industries. This curriculum will examine the diverse roles of microorganisms and cover the fundamentals of microbial diversity, physiology, and genetics. Students will examine the roles and interactions of microbial populations in aquatic, terrestrial, human, animal, and plant systems.

A degree in microbiology can open the door to a wide variety of careers in different industries. Studying microbiology will prepare students to go to medical, dental, veterinary, or graduate school, and also provides them a highly employable career option in healthcare, industry, or government agencies. A degree in microbiology allows students to easily enter the workforce or continue on to a professional or graduate program.

Total Program Credits: 120

Matriculation Requirements:			
BIOL 1610 College Biology I BB with C- or higher and approval of Biology Department advisor.			
General Education Requirements:			39 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGL 1005	Literacies and Composition Across Contexts CC (5)	
	ENGL 2010	Intermediate Academic Writing CC	3
	MATH 1050	College Algebra QL	4
or	MATH 1055	College Algebra with Preliminaries QL (5)	
Complete one of the following:			3
	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	
	HIST 1700	American Civilization AS (3)	
	HIST 1740	US Economic History AS (3)	
	POLS 1000	American Heritage SS (3)	
	POLS 1100	American National Government AS (3)	
Complete the following:			

	PHIL 2050	Ethics and Values IH	3
	PHIL 205G	Ethics and Values IH GI	
	HLTH 1100	Personal Health and Wellness TE (2)	
or	EXSC 1097	Fitness for Life TE	2
Distribution Courses:			
	BIOL 1610	College Biology I BB	4
	CHEM 1210	Principles of Chemistry I PP	4
	CHEM 1220	Principles of Chemistry II PP	4
Humanities Distribution			3
Fine Arts Distribution			3
Social/Behavioral Science			3
Discipline Core Requirements:			53 Credits
	BIOL 1615	College Biology I Laboratory	1
	BIOL 1620	College Biology II	3
	BIOL 1625	College Biology II Laboratory	1
	MICR 3150	Microbial Ecology WE	4
	MICR 3450	General Microbiology	3
	MICR 3455	General Microbiology Laboratory	1
	MICR 3550	Microbial Physiology	4
	MICR 3650	Microbial Genetics	4
	MICR 494R	Student Seminar WE	2
	BIOL 492R	Professional Development	1
	BIOL 497R	Biology Colloquium (0.5 cr, two required)	1
	BIOL 3600	Biological Chemistry	3
	BIOL 3605	Biological Chemistry Lab	1
	BIOL 4500	Principles of Evolution WE	3
	PHYS 2010	College Physics I PP	4
	PHYS 2015	College Physics I Lab	1
	CHEM 1215	Principles of Chemistry I Laboratory	1
	CHEM 1225	Principles of Chemistry II Laboratory	1
	CHEM 2310	Organic Chemistry I	4
	CHEM 2315	Organic Chemistry I Laboratory	1
	CHEM 2320	Organic Chemistry II	4
	CHEM 2325	Organic Chemistry II Laboratory	1
	MATH 1100	Survey of Calculus QL	4
Elective Requirements:			28 Credits
Choose a minimum of 18 credits from: (Upper division courses are encouraged to meet upper division credit requirements)			18
	MICR 3200	Emerging and Re Emerging Diseases and Zoonoses (3)	
	MICR 4100	Parasitology (4)	
	MICR 4200	Microbiomes (3)	
	MICR 4300	Pathogenic Microbiology (4)	
	MICR 4450	Immunology (3)	
	MICR 4455	Immunology Laboratory (1)	
	MICR 4500	Virology (3)	

MICR 4505	Applied Virological Methods (3)	
MICR 4600	Arthropod-Borne Pathogens (3)	
MICR 490R	Special Topics in Microbiology (1)	
BIOL 3400	Cell Biology (3)	
BIOL 3405	Cell Biology Laboratory (1)	
BIOL 3550	Molecular Biology (3)	
BIOL 3555	Experiments in Molecular Biology (1)	
BIOL 4550	Molecular Evolution and Bioinformatics WE (3)	
BTEC 1010	Fundamentals of Biotechnology I Career Survey BB (3)	
BTEC 2010	DNA Manipulation and Analysis (3)	
BTEC 2020	Protein Purification and Analysis (3)	
BTEC 2030	Cell Culture Techniques (2)	
BTEC 2040	Advanced Nucleic Acid Laboratory (3)	
BOT 3500	Mycology (4)	
BOT 4430	Plant Pathology (3)	
CHEM 3020	Environmental Chemistry (3)	
CHEM 3025	Environmental Chemistry Laboratory (1)	
ENVT 1270	Environmental Microbiology (3)	
Choose 6 credits from:		6
MICR 489R	Student Research (1-4)	
BIOL 3100	Introduction to Data Analysis for Biologists (3)	
BIOL 369R	Introduction to Undergraduate Research (1)	
BIOL 4300	Bioinformatics and Genome Analysis (4)	
Choose 4 credits from BIOL, BOT, BTEC, ZOOL, or CHEM ¹		4

¹ Upper division is suggested to meet upper division requirements

Microbiology, B.S. Careers

1. Apply the process of science through the use of hypothesis testing in the design and completion of scientific experiments
2. Critically evaluate scientific information
3. Quantitatively analyze scientific data through graph interpretation, statistical analysis, and problem solving
4. Effectively communicate scientific information in both written and oral formats.
5. Explain fundamental microbiological concepts including microbial genetics and molecular biology, ecology and environmental microbiology, and physiology and biochemistry

Related Careers

- Natural Sciences Managers
- Microbiologists
- Biological Science Teachers, Postsecondary

Graduation Requirements:

1. Complete the required minimum credit hours.
2. If an AA or AS degree has been earned, a maximum of 64 of these credits may apply toward the BS.
3. At least 30 credit hours in residence at UVU or satellite sites are required, with 10 hours earned during the last 45 hours.
4. A minimum of 40 credits must be upper-division (numbered 3000 or above).
5. A minimum of 40 credits must be in the Biology Department (BIOL, BOT, BTEC, MICR, or ZOOL prefixes), 30 of which must be upper-division. A minimum of nine Department credits must be taken at UVU.
6. Except for 490R Special Topics courses, a maximum cumulative total of 13 credits in any combination of upper division Departmental courses with an "R" designation may count toward graduation.
7. Complete Biology Department core courses with a grade of "C-" or higher in each course.
8. Achieve a minimum overall GPA of 2.0 with a minimum GPA of 2.25 in biology department courses.
9. Complete the appropriate application for graduation form.
10. Successful completion of at least one Global/Intercultural course.

Footnotes:

Business Graduate Programs

FACULTY

BAILEY, James *Professor*
CHAN, Leo *Associate Professor*
CIESLEWICZ, Joshua *Associate Professor*
COX, Vaughn *Professional in Residence*
HELQUIST, Joel *Associate Professor*
HUFF, Steven *Associate Professor*
MORTENSEN, James *Professional In Residence*
OLIVEIRA, Andre *Associate Professor*
PETERSON, Jeffrey *Associate Professor*
ROBINSON, Peter B. *Professor*
SMITH, Kevin *Professor*

Degrees & Programs

Finance, Graduate Certificate

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Requirements

The Woodbury School of Business MBA program offers a Graduate Certificate in Finance that provides an introduction to the global securities market and its role in capital formation, wealth-creation, economic development, risk mitigation, wealth management, and other finance-related goals. Courses focus on international corporate finance transactions and the currency implications of financial statement translations. Bloomberg Terminals are used extensively for company and industry analyses.

Total Program Credits: 9

Matriculation Requirements:		
<ol style="list-style-type: none"> 1. Application for admission to the Graduate Certificate Program in Finance with application fee. 2. A bachelor's degree from a regionally accredited college/university, a nationally accredited program, or the international equivalent. 3. A 3.0 cumulative undergraduate GPA or a 3.0 GPA calculated on the last 60 semester hours (90 quarter hours) of undergraduate work. 4. Acceptance of graduate certificate program student status offers is valid only for the semester in the offer. Applicants who do not begin attendance during the semester in their admissions offers must reapply and pay the application fees before the applicable semester deadline. At the graduate certificate program's discretion, graduate certificate programs may defer enrollment if students apply for a deferment before the end of the semester for which they were admitted. 		
Discipline Core Requirements:		9 Credits
FIN 6130	Financial Statement Analysis and Modeling	3
FIN 6160	International Financial Management	3
FIN 6170	Investment Analysis and Portfolio Analysis	3

Graduation Requirements:

1. Minimum of 9 credits required for a Certificate.

2. Overall GPA of 3.0 or higher required in graduate certificate courses with no grade lower than a "C" in graduate certificate courses.
3. Residency hours -- minimum of 6 credit hours through course attendance at UVU.
4. Graduate certificate coursework shall be completed within a period of six years.
 - a. (Note: See Policy 524, Section 4.3.3).

Finance, Graduate Certificate Careers

1. Analyze the three primary financial statements, including income statement, balance sheet and cash flow statement
2. Apply financial concepts into an international perspective
3. Describe key aspects of the global securities market and its role in capital formation, wealth-creation, economic development, risk mitigation, wealth management, and other finance-related goals

Related Careers

- Chief Executives
- General and Operations Managers
- Financial Managers
- Budget Analysts
- Credit Analysts
- Financial Analysts
- Personal Financial Advisors
- Loan Officers
- Financial Specialists, All Other
- Business Teachers, Postsecondary

Healthcare Management, Graduate Certificate

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Requirements

The Graduate Certificate in Healthcare Management is designed for professionals who want to enhance their proficiency and breadth of healthcare knowledge. It provides individuals with an understanding of the context, management, and issues for healthcare organizations. It prepares students for a career in a healthcare environment by providing additional management skills and knowledge, including healthcare systems, healthcare policies, and healthcare population management affecting the healthcare delivery system.

Total Program Credits: 9

Matriculation Requirements:	
Application for admission: <ol style="list-style-type: none"> 1. Application for admission to the Graduate Certificate Program in Healthcare Management with application fee. 2. A bachelor's degree from a regionally accredited college/university, a nationally accredited program, or the international equivalent. 3. A 3.0 cumulative undergraduate GPA or a 3.0 GPA calculated on the last 60 semester hours (90 quarter hours) of undergraduate work. 4. Acceptance of graduate certificate program student status offers is valid only for the semester in the offer. Applicants who do not begin attendance during the semester in their admissions offers must reapply and pay the application fees before the applicable semester deadline. At the graduate certificate program's discretion, graduate certificate programs may defer enrollment 	

if students apply for a deferment before the end of the semester for which they were admitted.

Discipline Core Requirements:		9 Credits
MGMT 6300	Healthcare Systems	3
MGMT 6310	Healthcare Policy	3
MGMT 6320	Population Health Management	3

Graduation Requirements:

1. Minimum of 9 credits required for a Certificate.
2. Overall GPA of 3.0 or higher required in graduate certificate courses with no grade lower than a "C" in graduate certificate courses.
3. Residency hours -- minimum of 6 credit hours through course attendance at UVU.
4. Graduate certificate coursework shall be completed within a period of six years.
 - a. (Note: See Policy 524, Section 4.3.3).

Healthcare Management, Graduate Certificate Careers

1. Analyze healthcare trends to understand patient's needs.
2. Describe the budgeting, financial reporting, and control requirements of healthcare under public and business policies.
3. Apply techniques using managerial epidemiology, biostatistics, political and economic analysis, public health initiatives.
4. Demonstrate knowledge of the U.S. healthcare industry and its delivery systems, including innovations in how healthcare innovates.

Related Careers

Management, Graduate Certificate

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Requirements

The Woodbury School of Business MBA program offers a Graduate Certificate in Management that examines the strategic needs of any organization and how the function of information systems assists operations. Utilizes advanced topics in operations research that develop decision-making processes for complex organizations and systems. Identifies creative methods to analyze problems, develop alternative decision-making strategies, and optimize business and organization processes.

Total Program Credits: 9

Matriculation Requirements:	
Application for admission:	
<ol style="list-style-type: none"> 1. Application for admission to the Graduate Certificate Program in Management with application fee. 2. A bachelor's degree from a regionally accredited college/university, a nationally accredited program, or the international equivalent. 3. A 3.0 cumulative undergraduate GPA or a 3.0 GPA calculated on the last 60 semester hours (90 quarter hours) of undergraduate work. 4. Acceptance of graduate certificate program student status offers is valid only for the semester in the offer. Applicants who do not begin attendance during the semester in their admissions offers must reapply and pay the application fees before the applicable semester deadline. At the graduate certificate program's discretion, graduate certificate programs may defer enrollment 	

if students apply for a deferment before the end of the semester for which they were admitted.

Discipline Core Requirements:		9 Credits
MGMT 6740	Operations and Supply Chain Management	3
MGMT 6510	Information Systems and Project Management	3
MGMT 6760	Applied Business Research	3

Graduation Requirements:

1. Minimum of 9 credits required for a Certificate.
2. Overall GPA of 3.0 or higher required in graduate certificate courses with no grade lower than a "C" in graduate certificate courses.
3. Residency hours -- minimum of 6 credit hours through course attendance at UVU.
4. Graduate certificate coursework shall be completed within a period of six years.
 - a. (Note: See Policy 524, Section 4.3.3).

Management, Graduate Certificate Careers

1. Develop a sound understanding of the critical role of supply chain management in today's business environment
2. Apply current supply chain theories, practices, and concepts utilizing case problems and problem-based learning situations.
3. Utilize critical management skills such as negotiating, working effectively within a diverse business environment, ethical decision making, and information technology use.
4. Apply effective written and oral communications, critical thinking, team building, and presentation skills to business problems.

Related Careers

- Chief Executives
- General and Operations Managers
- Sales Managers
- Administrative Services Managers
- Industrial Production Managers
- Transportation, Storage, and Distribution Managers
- Construction Managers
- Social and Community Service Managers
- Managers, All Other
- Cost Estimators
- Management Analysts
- Business Teachers, Postsecondary

Marketing, Graduate Certificate

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Requirements

The Woodbury School of Business MBA program offers a Marketing Graduate Certificate that teaches conceptual frameworks and analytical tools for marketing decision-making from a cross-functional and strategic orientation. Focuses on understanding user needs, forecasting and planning, solution design, managing adoption, and communicating value. Utilizes research tools, such as survey design, experimentation, interviewing, and analytics to collect and analyze data. Focuses on the practice of advanced marketing management topics including brand management, product management, product development, services marketing, pricing and conjoint analysis. Integrates forecasting including diffusion models and other tactics, resource allocation, and managing profit and loss statements. Also integrates marketing communication

Business Graduate Programs

and distribution concepts and frameworks from digital marketing and ecommerce.

Total Program Credits: 12

Matriculation Requirements:		
Application for admission:		
<ol style="list-style-type: none">1. Application for admission to the Graduate Certificate Program in Marketing with application fee.2. A bachelor's degree from a regionally accredited college/university, a nationally accredited program, or the international equivalent.3. A 3.0 cumulative undergraduate GPA or a 3.0 GPA calculated on the last 60 semester hours (90 quarter hours) of undergraduate work.4. Acceptance of graduate certificate program student status offers is valid only for the semester in the offer. Applicants who do not begin attendance during the semester in their admissions offers must reapply and pay the application fees before the applicable semester deadline. At the graduate certificate program's discretion, graduate certificate programs may defer enrollment if students apply for a deferment before the end of the semester for which they were admitted.		
Discipline Core Requirements:		12 Credits
MKTG 6600	Marketing Strategy	3
MKTG 6620	Marketing Research and Analytics	3
MKTG 6640	Brand, Product, and Services Management	3
MKTG 6660	Marketing Channels and Communications	3

Graduation Requirements:

1. Minimum of 12 credits required for a Certificate.
2. Overall GPA of 3.0 or higher required in graduate certificate courses with no grade lower than a "C" in graduate certificate courses.
3. Residency hours -- minimum of 8 credit hours through course attendance at UVU.
4. Graduate certificate coursework shall be completed within a period of six years.
 - a. (Note: See Policy 524, Section 4.3.3).

Marketing, Graduate Certificate Careers

1. Conduct market research that informs marketing management decision-making.
2. Create a product plan informed by strategic marketing principles, market data, quantitative and qualitative analysis, and appropriate marketing models.
3. Implement an integrated marketing communications campaign.

Related Careers

- Advertising and Promotions Managers
- Marketing Managers
- Sales Managers
- Market Research Analysts and Marketing Specialists
- Business Teachers, Postsecondary

Master of Business Administration, M.B.A.

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Requirements

The UVU Master of Business Administration is an applied graduate degree that reflects the Woodbury School of Business's commitment to teaching excellence and engaged learning. Our curriculum teaches critical skills in leadership, teamwork, ethical decision making, economic and financial analyses, and critical thinking. Course offerings include accounting, finance, strategy, marketing, operations, technology management, and people management. The program includes an international trip as part of an applied consultancy course. The program culminates with a comprehensive real-life consulting project with a company.

The Master of Business Administration program at Utah Valley University offers both a one-year accelerated option and a two-year plan for working professionals which embraces the university's designation as an engaged learning campus.

The MBA program is AACSB accredited.

Total Program Credits: 36

Matriculation Requirements:		
Graduate Policies and Procedures		
Graduate Admission Offer Attendance Requirement		
<ol style="list-style-type: none">1. Acceptance of graduate admissions offers is valid only for the semester in the offer. Applicants who do not begin attendance during the semester in their admissions offers must reapply and pay the application fees before the applicable semester deadline. At the graduate program's discretion, graduate programs may defer enrollment if students apply for a deferment before the end of the semester for which they were admitted.2. Application for admission to graduate program with application fee by the established deadline. (See Policy 510 Section 4.4).3. Submit official transcripts from all universities attended.4. A bachelor's degree from a regionally accredited college/university, a nationally accredited program, or the international equivalent. (See Policy 510 Section 4.5 1)).5. A 3.0 cumulative undergraduate GPA or a 3.0 GPA calculated on the last 60 semester hours (90 quarter hours) of undergraduate work. (See Policy 510 Section 4.5 2)).6. For international students whose native language is not English, submit official TOEFL or IELTS band scores. A TOEFL score of 80 iBT (550 pBT) or higher, or an IELTS band score of 6.5 or higher within the past two years is required. (See Policy 510 Section 4.5 3)).7. International students must also meet all U.S. government requirements for international students. (See Policy 510 Section 4.5 4)).		
Discipline Core Requirements:		27 Credits
ACC 6250	Financial Reporting and Analysis	3
ACC 6350	Management Control Systems	3
FIN 6150	Financial Management	3
MGMT 6500	Managing Individuals and Groups	3
MGMT 6740	Operations and Supply Chain Management	3
MGMT 6800	Global Business Strategy	3
MGMT 6930	International Engagement	3
MGMT 6940	MBA Consulting Project	3
MKTG 6600	Marketing Strategy	3
Elective Courses:		9 Credits
Select 9 credits from the following list		9
MGMT 6310	Healthcare Policy (3)	
MGMT 6300	Healthcare Systems (3)	

MGMT 6320	Population Health Management (3)	
MGMT 6440	Advanced Project Management	
MGMT 6450	Operations Management (3)	
MGMT 6470	Organization Information Technologies (3)	
MGMT 6510	Information Systems and Project Management (3)	
MGMT 6910	Designing Business (1.5)	
FIN 6130	Financial Statement Analysis and Modeling (3)	
FIN 6160	International Financial Management (3)	
FIN 6170	Investment Analysis and Portfolio Analysis (3)	
MKTG 6400	Technology Marketing and Customer Experience	
MKTG 6620	Marketing Research and Analytics (3)	
MKTG 6640	Brand/Product/Services Management (3)	
MKTG 6660	Marketing Channels and Communications (3)	
MGMT 6760	Applied Business Research (3)	
MKTG 6720	Creativity and Innovative Problem Solving (1.5)	
To receive a Finance Graduate Certificate, complete FIN 6130, FIN 6160 and FIN 6170		
To receive a Tech Management Graduate Certificate, complete MGMT 6440, MGMT 6470 and MKTG 6400		
To receive a Management Graduate Certificate, complete MGMT 6740, MGMT 6510 and MGMT 6760		
To receive a Marketing Graduate Certificate, complete MKTG 6620, MKTG 6600, MKTG 6640 and MKTG 6660		
To receive a Healthcare Management Graduate Certificate, complete MGMT 6300, MGMT 6310 and MGMT 6320		

Graduation Requirements:

1. Completion of 36 hours of approved credit with no grade lower than a "C" as described in this program.
2. Graduates may not transfer more than ten hours into this MBA program, preferably from an AACSB accredited institution. All transfer courses will be reviewed by a graduate committee managed by the Woodbury School of Business.
3. A minimum cumulative GPA of 3.0 or higher must be maintained within program.

Master of Business Administration, M.B.A. Careers

1. Graduates will be able to express their knowledge and ideas appropriately in writing and through verbal presentation.
2. Graduates will be able to utilize appropriate procedures, frameworks, models, and experience to gain knowledge, solve problems, and make appropriate decisions based on various informational sources such as data, written and verbal communication, process analysis, and creative thinking.
3. Graduates will have a functional and integrated knowledge of basic general business concepts and disciplines.

4. Graduates will be aware of their responsibility to behave ethically in their professional lives (e.g., clients, customers, employers, society, profession, environment, and community).
5. Graduates will have a global perspective and understand cultural differences.
6. Graduates will apply business processes to developing solutions for realistic problems both in the classroom and/or the larger community.

Related Careers

- Chief Executives
- General and Operations Managers
- Sales Managers
- Administrative Services Managers
- Industrial Production Managers
- Transportation, Storage, and Distribution Managers
- Construction Managers
- Social and Community Service Managers
- Managers, All Other
- Cost Estimators
- Management Analysts
- Business Teachers, Postsecondary

Technology Management, Graduate Certificate

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Requirements

The Technology Management Graduate Certificate is designed for professionals who want to enhance technology skills to become proficient in creating, managing, and using technology to accomplish strategic goals while expanding leadership skills in forecasting, business case development, and strategic alliances in technology.

Total Program Credits: 9

Matriculation Requirements:			
Application for admission:			
1. Application for admission to the Graduate Certificate Program in Technology Management with application fee.			
2. A bachelor's degree from a regionally accredited college/university, a nationally accredited program, or the international equivalent.			
3. A 3.0 cumulative undergraduate GPA or a 3.0 GPA calculated on the last 60 semester hours (90 quarter hours) of undergraduate work.			
4. Acceptance of graduate certificate program student status offers is valid only for the semester in the offer. Applicants who do not begin attendance during the semester in their admissions offers must reapply and pay the application fees before the applicable semester deadline. At the graduate certificate program's discretion, graduate certificate programs may defer enrollment if students apply for a deferment before the end of the semester for which they were admitted.			
Discipline Core Requirements:			9 Credits
MGMT 6440	Advanced Project Management		3
MGMT 6470	Organization Information Technologies		3
MKTG 6400	Technology Marketing and Customer Experience		3

Graduation Requirements:

1. Minimum of 9 credits required for a Certificate.

Business Graduate Programs

2. Overall GPA of 3.0 or higher required in graduate certificate courses with no grade lower than a "C" in graduate certificate courses.
3. Residency hours -- minimum of 6 credit hours through course attendance at UVU.
4. Graduate certificate coursework shall be completed within a period of six years.
 - a. (Note: See Policy 524, Section 4.3.3).

Technology Management, Graduate Certificate Careers

1. Manage technology projects and programs that further business goals and objectives.
2. Assess a company's information technology infrastructure and core business needs.
3. Evaluate recommendations for project implementation changes.
4. Evaluate technologies for implementation to most effectively meet a business's needs.

Related Careers

- Computer and Information Systems Managers
- Database Architects
- Computer Programmers
- Computer Science Teachers, Postsecondary

Chemistry

DEPARTMENT CHAIR

HALLING, Merrill Associate Professor

FACULTY

BOND, Calvin A. Associate Professor

CHAMBERLAND, Stephen Associate Professor

CHOCKALINGHAM KASI VISWANATH, Lakshmi Associate Professor

GOLDFARB, Nathan E. Assistant Professor

HALLING, Merrill Associate Professor

HAM, Young W. Associate Professor

HEIDER, Emily Assistant Professor

HERRON, Stevens Lecturer

HORN, Matthew Associate Professor

LARICHEVA, Elena Assistant Professor

ROCKS, Sally Assistant Professor

SHURTLEFF, James K. Associate Professor

THULIN, Craig Professor

WATHEN, Mark D. Associate Professor

WHITE, Lilia Lecturer

WILSON, Bruce E. Associate Professor

YU, Ming Associate Professor

Degrees & Programs

Chemistry, Minor

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Requirements

The minor in chemistry provides students with a broad introduction to general, organic, and analytical chemistry. The minor may be used to develop interdisciplinary and applied skills in chemistry and to learn how to communicate scientific ideals and knowledge about chemistry.

Total Program Credits: 27

Matriculation Requirements:			
1. Admitted to a bachelor degree program at UVU.			
Discipline Core Requirements:			24 Credits
CHEM 1210	Principles of Chemistry I PP		4
CHEM 1220	Principles of Chemistry II PP		4
CHEM 1215	Principles of Chemistry I Laboratory		1
CHEM 1225	Principles of Chemistry II Laboratory		1
CHEM 2310	Organic Chemistry I		4
CHEM 2320	Organic Chemistry II		4
CHEM 2315	Organic Chemistry I Laboratory		1
CHEM 2325	Organic Chemistry II Laboratory		1
CHEM 3000	Analytical Chemistry		2
CHEM 3005	Analytical Chemistry Laboratory		2
Elective Requirements:			3 Credits

Any upper-division chemistry class numbered above 3000 with a minimum of 3 credit hours	3
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Graduation Requirements:

1. Complete all courses with a minimum grade of "C-" or better.

Chemistry, Minor Careers

1. Recall, integrate, and apply essential core information about the key components of chemistry
2. Qualitatively and quantitatively interpret scientific data
3. Convey scientific ideas and knowledge clearly and professionally in a written format
4. Demonstrate key laboratory skills and understanding of the laboratory safety

Related Careers

- Natural Sciences Managers
- Chemists
- Chemistry Teachers, Postsecondary
- Secondary School Teachers, Except Special and Career/Technical Education

Chemistry - Biochemistry Emphasis, B.S.

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Requirements

Biochemistry studies the chemical composition of living things. Biochemistry combines the study of biology with organic and inorganic chemistry as applied to topics such as enzymology, genetics, toxicology, pharmacology, food science, and medicine. Students with this degree may pursue graduate study or work in the field of biotechnology or in one of the many related areas or be eligible for many employment opportunities in chemistry and biology.

Total Program Credits: 120

Matriculation Requirements:			
To matriculate into the Chemistry degree, students must have adviser approval, and completed CHEM 1210, CHEM 1220, CHEM 1250, and CHEM 1260 all with a C- or higher.			
General Education Requirements:			39 Credits
ENGL 1010	Introduction to Academic Writing CC		3
or ENGH 1005	Literacies and Composition Across Context CC (5.0)		
ENGL 2010	Intermediate Academic Writing CC		3
MATH 1210	Calculus I QL		4
Complete one of the following:			3
HIST 1700	American Civilization AS (3.0)		
HIST 2700	US History to 1877 AS (3.0)		
and HIST 2710	US History since 1877 AS (3.0)		
HIST 1740	US Economic History AS (3.0)		
POLS 1000	American Heritage SS (3.0)		
POLS 1100	American National Government AS (3.0)		
Complete the following:			3
PHIL 2050	Ethics and Values IH		

Chemistry

or	PHIL 205G	Ethics and Values IH GI	
or	PHIL 205H	Ethics and Values IH	
	HLTH 1100	Personal Health and Wellness TE (2.0)	
or	EXSC 1097	Fitness for Life TE	2
Distribution Courses:			
	BIOL 1610	College Biology I BB	4
	CHEM 1210	Principles of Chemistry I PP ¹	4
	CHEM 1220	Principles of Chemistry II PP ²	4
	Fine Arts		3
	Humanities		3
	Social/Behavioral Science		3
Discipline Core Requirements:			41 Credits
	CHEM 1215	Principles of Chemistry I Laboratory ³	1
	CHEM 1225	Principles of Chemistry II Laboratory ⁴	1
	CHEM 1250	Chemistry Cornerstone- Research and Careers	1
	CHEM 1260	Chemistry Cornerstone- Ethics	1
	BIOL 1615	College Biology I Laboratory	1
	CHEM 2310	Organic Chemistry I	4
	CHEM 2315	Organic Chemistry I Laboratory	1
	CHEM 2320	Organic Chemistry II	4
	CHEM 2325	Organic Chemistry II Laboratory	1
	CHEM 3000	Analytical Chemistry	2
	CHEM 3005	Analytical Chemistry Laboratory	2
	CHEM 3600	Biological Chemistry	3
	CHEM 3605	Biological Chemistry Lab	1
	CHEM 4000	Instrumental Analysis WE	2
	CHEM 4005	Instrumental Analysis Laboratory	2
	MATH 1220	Calculus II	4
	PHYS 2210	Physics for Scientists and Engineers I PP	4
	PHYS 2220	Physics for Scientists and Engineers II PP	4
	PHYS 2215	Physics for Scientists and Engineers I Lab	1
	PHYS 2225	Physics for Scientists and Engineers II Lab	1
Emphasis Requirements:			40 Credits
	BIOL 3400	Cell Biology	3
	BIOL 3405	Cell Biology Laboratory	1
	CHEM 3060	Physical Chemistry I WE	4
	CHEM 3065	Physical Chemistry I Lab	1
	CHEM 3100	Advanced Inorganic Chemistry	4
	CHEM 3115	Advanced Inorganic Chemistry Lab	1
	CHEM 3620	Biological Chemistry II	3
Chemistry Electives (12 credits) from the following:			12
	CHEM 3020	Environmental Chemistry (3.0)	

	CHEM 3025	Environmental Chemistry Laboratory (1.0)	
	CHEM 3300	Biomolecular Modeling and Simulations (4.0)	
	CHEM 3800	Energy Use on Earth (3.0)	
	CHEM 4030	Radiochemistry (3.0)	
	CHEM 4600	Structure Determination (3.0)	
	CHEM 4605	Structure Determination Laboratory (1.0)	
	CHEM 482R	Chemistry Internship (1-4)	
	CHEM 489R	Undergraduate Research in Chemistry (1-4)	
	CHEM 495R	Advanced Topics in Organic Chemistry (3.0)	
	CHEM 496R	Special Topics in Chemistry (1-4)	
	CHEM 499R	Independent Study and Research (1-4)	
	CHEM 4800	Pharmacology (3.0)	
Biology Electives (11 credits) from the following:			11
	BIOL 3500	Genetics (3.0)	
	BIOL 3300	Developmental Biology (3.0)	
	BIOL 3515	Advanced Genetics Laboratory (1.0)	
	BIOL 3550	Molecular Biology (3.0)	
	BIOL 4300	Bioinformatics and Genome Analysis (4.0)	
	BIOL 4550	Molecular Evolution and Bioinformatics WE (3.0)	
	BIOL 4450	Immunology (3.0)	
	BIOL 4455	Immunology Laboratory (1.0)	
	MICR 3450	General Microbiology (3.0)	
	MICR 3455	General Microbiology Laboratory (1.0)	
	ZOO 2320	Human Anatomy BB (3.0)	
and	ZOO 2325	Human Anatomy Laboratory (1.0)	
	ZOO 2420	Human Physiology (3.0)	
and	ZOO 2425	Human Physiology Laboratory (1.0)	
	ZOO 4300	Histology (4.0)	
	ZOO 4700	Advanced Anatomy (4.0)	
	ZOO 4780	Neuroscience (4.0)	

Graduation Requirements:

1. Completion of a minimum of 120 semester credits with a minimum of 40 upper-division credits.
2. Overall grade point average of 2.0 (C) or above with a minimum of 2.25 in Major.
3. Residency hours -- minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
4. Completion of GE and specified departmental requirements.
5. A minimum of 54 credit hours must be in the major with a minimum of 20 credits taken at UVU. A minimum of 28 chemistry credits must be upper-division.
6. Complete all chemistry and physics courses with a minimum grade of "C-" or better.
7. Successful completion of at least one Global/Intercultural course.

Footnote:

1-To be taken with CHEM 1215 Principles of Chemistry I Laboratory	
2-To be taken with CHEM 1225 Principles of Chemistry II Laboratory	
3-To be taken with CHEM 1210 Principles of Chemistry I	
4-To be taken with CHEM 1220 Principles of Chemistry II	

Chemistry - Biochemistry Emphasis, B.S. Careers

1. Students will demonstrate progress along their desired career path.
2. Students are prepared to enter the chemistry workplace and postgraduate education.
3. Understand how physical scientists think and form judgments about the physical world.
4. Convey scientific ideas and knowledge clearly and professionally, in both written and oral forms.
5. Demonstrate the ability to apply chemical principles and laboratory skills to solve scientific problems.
6. Students will demonstrate knowledge of the unifying principles of chemistry.

Related Careers

- Natural Sciences Managers
- Chemists
- Chemistry Teachers, Postsecondary
- Secondary School Teachers, Except Special and Career/Technical Education

Chemistry - Professional Chemistry Emphasis, B.S.

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Requirements

This bachelor's degree in professional chemistry prepares a student for employment as a chemist. It also prepares a student for further study in a graduate degree or professional program. This degree is designed to meet American Chemical standards for a bachelor degree. Job opportunities for students with this degree are very good. Students with this degree can have careers in test laboratories, government laboratories, hospital laboratories, research and development, quality control, manufacturing, and many other areas.

In obtaining this degree, students will learn how to:
 Use modern scientific instruments and interpret results
 Apply principles used in chemistry to solve everyday problems
 Think analytically
 Use problem solving skills
 Categorize information
 Apply learned math skills
 Develop laboratory skills

Total Program Credits: 120

Matriculation Requirements:		
To matriculate into the Chemistry degree, students must have adviser approval, and completed CHEM 1210, CHEM 1220, CHEM 1250, and CHEM 1260 all with a C- or higher.		
General Education Requirements:		40 Credits
	ENGL 1010 Introduction to Academic Writing CC	3
or	ENGL 1005 Literacies and Composition Across Context CC (5.0)	

	ENGL 2010 Intermediate Academic Writing CC	3
	MATH 1210 Calculus I QL	4
Complete one of the following:		3
	HIST 1700 American Civilization AS (3.0)	
	HIST 2700 US History to 1877 AS (3.0)	
and	HIST 2710 US History since 1877 AS (3.0)	
	HIST 1740 US Economic History AS (3.0)	
	POLS 1000 American Heritage SS (3.0)	
	POLS 1100 American National Government AS (3.0)	
Complete the following:		
	PHIL 2050 Ethics and Values IH	3
or	PHIL 205G Ethics and Values IH GI	
or	PHIL 205H Ethics and Values IH	
	HLTH 1100 Personal Health and Wellness TE (2.0)	
or	EXSC 1097 Fitness for Life TE	2
Distribution Courses:		
	BIOL 1610 College Biology I BB	4
	CHEM 1210 Principles of Chemistry I PP ¹	4
	CHEM 1220 Principles of Chemistry II PP ²	4
	Fine Arts	3
	Humanities	3
	Social/Behavioral Science	3
Discipline Core Requirements:		41 Credits
	CHEM 1215 Principles of Chemistry I Laboratory ³	1
	CHEM 1225 Principles of Chemistry II Laboratory ⁴	1
	CHEM 1250 Chemistry Cornerstone- Research and Careers	1
	CHEM 1260 Chemistry Cornerstone- Ethics	1
	BIOL 1615 College Biology I Laboratory	1
	CHEM 2310 Organic Chemistry I	4
	CHEM 2315 Organic Chemistry I Laboratory	1
	CHEM 2320 Organic Chemistry II	4
	CHEM 2325 Organic Chemistry II Laboratory	1
	CHEM 3000 Analytical Chemistry	2
	CHEM 3005 Analytical Chemistry Laboratory	2
	CHEM 3600 Biological Chemistry	3
	CHEM 3605 Biological Chemistry Lab	1
	CHEM 4000 Instrumental Analysis WE	2
	CHEM 4005 Instrumental Analysis Laboratory	2
	MATH 1220 Calculus II	4
	PHYS 2210 Physics for Scientists and Engineers I PP	4
	PHYS 2220 Physics for Scientists and Engineers II PP	4
	PHYS 2215 Physics for Scientists and Engineers I Lab	1

Chemistry

	PHYS 2225	Physics for Scientists and Engineers II Lab	1
Emphasis Requirements:			40 Credits
	CHEM 3060	Physical Chemistry I WE	4
	CHEM 3065	Physical Chemistry I Lab	1
	CHEM 3070	Physical Chemistry II	4
	CHEM 3075	Physical Chemistry II Lab	1
	CHEM 3100	Advanced Inorganic Chemistry	4
	CHEM 3115	Advanced Inorganic Chemistry Lab	1
	MATH 2210	Calculus III	4
	MATH 2280	Ordinary Differential Equations	3
	PHYS 3300	Mathematical Physics	3
Chemistry Electives (15 credits) from the following:			15
	CHEM 3020	Environmental Chemistry (3.0)	
	CHEM 3025	Environmental Chemistry Laboratory (1.0)	
	CHEM 3080	Physical Chemistry III (3.0)	
	CHEM 3300	Biomolecular Modeling and Simulations (4.0)	
	CHEM 3620	Biological Chemistry II (3.0)	
	CHEM 3800	Energy Use on Earth (3.0)	
	CHEM 4030	Radiochemistry (3.0)	
	CHEM 4600	Structure Determination (3.0)	
	CHEM 4605	Structure Determination Laboratory (1.0)	
	CHEM 4800	Pharmacology (3.0)	
	CHEM 482R	Chemistry Internship (1-4)	
	CHEM 489R	Undergraduate Research in Chemistry (1-4)	
	CHEM 491R	Advanced Topics in Inorganic Chemistry (3.0)	
	CHEM 495R	Advanced Topics in Organic Chemistry (3.0)	
	CHEM 496R	Special Topics in Chemistry (1-4)	
	CHEM 499R	Independent Study and Research (1-4)	
	PHYS 2800	Introduction to Materials Physics (3.0)	
	PHYS 3500	Thermodynamics (3.0)	
	PHYS 4250	Nuclear Physics (3.0)	
	PHYS 4510	Quantum Mechanics I (3.0)	
	PHYS 4520	Quantum Mechanics II (3.0)	
	PHYS 4800	Solid State Physics (3.0)	

Graduation Requirements:

1. Completion of a minimum of 120 semester credits with a minimum of 40 upper-division credits.
2. Overall grade point average of 2.0 (C) or above with a minimum of 2.25 in Major.
3. Residency hours -- minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
4. Completion of GE and specified departmental requirements.

5. A minimum of 54 credit hours must be in the major with a minimum of 20 credits taken at UVU. A minimum of 28 chemistry credits must be upper-division.
6. Complete all chemistry and physics courses with a minimum grade of "C-" or better.
7. Successful completion of at least one Global/Intercultural course.

Footnote:

1 To be taken with [CHEM 1215](#) Principles of Chemistry I Laboratory

2 To be taken with [CHEM 1225](#) Principles of Chemistry II Laboratory

3 To be taken with [CHEM 1210](#) Principles of Chemistry I PP

4 To be taken with [CHEM 1220](#) Principles of Chemistry II PP

Chemistry - Professional Chemistry Emphasis, B.S. Careers

1. Students will demonstrate progress along their desired career path.
2. Students are prepared to enter the chemistry workplace and postgraduate education.
3. Understand how physical scientists think and form judgments about the physical world.
4. Convey scientific ideas and knowledge clearly and professionally, in both written and oral forms.
5. Demonstrate the ability to apply chemical principles and laboratory skills to solve scientific problems.
6. Students will demonstrate knowledge of the unifying principles of chemistry.

Related Careers

- Natural Sciences Managers
- Chemists
- Chemistry Teachers, Postsecondary
- Secondary School Teachers, Except Special and Career/Technical Education

Chemistry Education, B.S.

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Requirements

The degree in chemistry education prepares a student to teach chemistry in secondary education. Students that complete this degree receive endorsements to teach chemistry. Completion of this program is dependent upon being accepted into the Secondary Education program through the School of Education. There is a great demand for teachers in chemistry and employment opportunities are excellent.

In obtaining this degree, students will learn how to:

Use modern scientific instruments and interpret results

Apply principles used in chemistry to solve everyday problems

Think analytically

Use problem solving skills

Categorize information

Apply learned math skills

Develop laboratory skills

Total Program Credits: 120

Matriculation Requirements:		
<ol style="list-style-type: none"> Students are admitted directly to the Baccalaureate degree program in Chemistry Education upon acceptance to the Secondary Education Program. Students must obtain the departmental Advisor's signature on an approved program plan prior to enrollment in their second semester of study. 		
Secondary Education Requirements:		
<ol style="list-style-type: none"> ENGL and MATH QL courses must have a grade C or higher. GPA of 3.0 or higher with no grade lower than a C in content area courses. Completion of all General Education requirements and 70% of content area courses. Pass LiveScan Criminal Background Check. 		
General Education Requirements:		38 Credits
	ENGL 1010 Introduction to Academic Writing CC	3
or	ENGL 1005 Literacies and Composition Across Context CC (5.0)	
	ENGL 2010 Intermediate Academic Writing CC	3
	MATH 1210 Calculus I QL	4
Complete one of the following:		3
	HIST 1700 American Civilization AS (3.0)	
	HIST 2700 US History to 1877 AS (3.0)	
and	HIST 2710 US History since 1877 AS (3.0)	
	HIST 1740 US Economic History AS (3.0)	
	POLS 1000 American Heritage AS (3.0)	
	POLS 1100 American National Government AS (3.0)	
Complete the following:		
	PHIL 2050 Ethics and Values IH	3
	HLTH 1100 Personal Health and Wellness TE (2.0)	
or	EXSC 1097 Fitness for Life TE	2
Distribution Courses:		
	Biology	3
	CHEM 1210 Principles of Chemistry I PP ¹	4
	CHEM 1220 Principles of Chemistry II PP ²	4
	Humanities	3
	Fine Arts	3
	Social/Behavioral Science	3
Discipline Core Requirements:		77 Credits
Chemistry Discipline Core Courses:		
	CHEM 1215 Principles of Chemistry I Laboratory ³	1
	CHEM 1225 Principles of Chemistry II Laboratory ⁴	1
	CHEM 1250 Chemistry Cornerstone- Research and Careers	1
	CHEM 2310 Organic Chemistry I	4
	CHEM 2320 Organic Chemistry II	4
	CHEM 2315 Organic Chemistry I Laboratory	1
	CHEM 2325 Organic Chemistry II Laboratory	1
	CHEM 3000 Analytical Chemistry	2
	CHEM 3005 Analytical Chemistry Laboratory	2

	CHEM 3060 Physical Chemistry I WE	4
	CHEM 3065 Physical Chemistry I Lab (1)	
	CHEM 3600 Biological Chemistry	3
	MATH 1220 Calculus II	4
	PHYS 2210 Physics for Scientists and Engineers I PP	4
	PHYS 2215 Physics for Scientists and Engineers I Lab	1
	PHYS 2220 Physics for Scientists and Engineers II PP	4
	PHYS 2225 Physics for Scientists and Engineers II Lab	1
	SCIE 4210 Science Teaching Methods I	3
	SCIE 4220 Teaching Methods in Science II	3
Education Discipline Core Courses: Must be completed with a B- or higher		
	EDSC 1010 Introduction to Education	2
	EDSC 3000 Educational Psychology	3
	EDSC 325G Equitable Technology Integration GI	2
	EDSP 340G Exceptional Students GI	2
	EDSC 4200 Classroom Management I	2
	EDSC 4250 Classroom Management II	2
	EDSC 4440 Content Area Literacies	3
	EDSC 445G Multicultural Instruction ESL GI	3
	EDSC 455G Secondary Curriculum Instruction and Assessment GI	3
	EDSC 4850 Student Teaching Secondary	8
	EDSC 4990 Teacher Performance Assessment Project WE	2
Chemistry Elective Requirement:		5
Complete a minimum of 5 credit hours from the following list		
	CHEM 3020 Environmental Chemistry (3)	
	CHEM 3025 Environmental Chemistry Laboratory (1)	
	CHEM 3100 Advanced Inorganic Chemistry (4)	
	CHEM 3115 Advanced Inorganic Chemistry Lab (1)	
	CHEM 3605 Biological Chemistry Lab (1)	
	CHEM 3800 Energy Use on Earth (3)	
	CHEM 4000 Instrumental Analysis WE (2)	
	CHEM 4005 Instrumental Analysis Laboratory (2)	
	CHEM 4600 Structure Determination (3)	
	CHEM 4605 Structure Determination Laboratory (1)	
	CHEM 495R Advanced Topics in Organic Chemistry (3)	
	CHEM 496R Special Topics in Chemistry (1-4)	
	or advisor-approved electives	

Graduation Requirements:

Chemistry

1. Completion of a minimum of 120 semester credits with a minimum of 40 upper-division credits.
2. Overall Grade of 3.0 (B) or above with no grade lower than a C or better in major required content courses and no grade lower than a B- in Licensure and Methods courses.
3. Residency hours -- minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
4. Completion of GE and specified departmental requirements.
5. A minimum of 52 credit hours must be in the major with a minimum of 20 credits taken at UVU. A minimum of 24 chemistry and physics credits must be upper-division.
6. Complete all chemistry courses with a minimum grade of "C-" or better.
7. Successful completion of at least one Global/Intercultural course.

Footnote:

1-To be taken with [CHEM 1215](#) Principles of Chemistry I Laboratory

2-To be taken with [CHEM 1225](#) Principles of Chemistry II Laboratory

3-To be taken with [CHEM 1210](#) Principles of Chemistry I PP

4-To be taken with [CHEM 1220](#)
Principles of Chemistry II PP

Chemistry Education, B.S.

Careers

1. Demonstrate an overall knowledge of the key concepts needed to teach Chemistry at the secondary education level.
2. Demonstrate skill and knowledge in science pedagogy.
3. Develop an understanding of the interaction between chemistry and society.
4. Demonstrate the ability to communicate effectively both verbally and in writing.

Related Careers

- Chemistry Teachers, Postsecondary
- Education Teachers, Postsecondary
- Middle School Teachers, Except Special and Career/Technical Education
- Secondary School Teachers, Except Special and Career/Technical Education

Clinical Mental Health Counseling Graduate Programs

Communication

DEPARTMENT CHAIR

MORIN, David T. *Associate Professor*

DIRECTOR-WOMEN'S BUSINESS LEADERSHIP INITIATIVE

HALL, Kelly *Assistant Professor*

FACULTY

ALLEN, Jordan *Assistant Professor*

AUSTIN, Brent *Lecturer*

BALLARD, Jessica *Professional in Residence*

BARNEY, Joshua *Lecturer*

BLEVINS, Maria *Associate Professor*

FARRAR, Steven *Lecturer*

FISHER, James *Lecturer*

FRITZ, Juliann *Lecturer*

GRECU, Natalie *Assistant Professor*

HALL, Kelly *Assistant Professor*

HANSON, Kimberly *Lecturer*

HERNANDEZ, Leandra *Assistant Professor*

LIANG, Jingdong *Associate Professor*

MCKASY, Meaghan *Assistant Professor*

MORIN, David T. *Associate Professor*

MUNZ, Stevie M. *Associate Professor*

PAULY, Jessica A. *Assistant Professor*

RAWAT, Meghana *Assistant Professor*

RODRIGUEZ, Stephanie *Lecturer*

SANDERS, Farah *Lecturer*

SCOTT, David W. *Professor*

Degrees & Programs

Humanities and Social Sciences, A.A.

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Requirements

The AA/AS in Humanities and Social Sciences is designed to (a) allow students to explore different majors and career paths within the humanities and social sciences, (b) provide a completion point for students who do not want to pursue a bachelor's degree, and (c) facilitate transfer to another institution for students who would like to finish their bachelor's degree elsewhere. The curriculum consists of 35 credits of general education, 12 credits of electives in the College of Humanities and Social Sciences, and 13 free electives from any college within the university.

Total Program Credits: 60

General Education Requirements:		35 Credits
	ENGL 1010 Introduction to Academic Writing CC	3
or	ENGL 1005 Literacies and Composition Across Contexts CC (5)	
	ENGL 2010 Intermediate Academic Writing CC	3
Complete one of the following		3

	MAT 1030	Quantitative Reasoning QL (3) (recommended for Humanities or Arts majors)	
	MAT 1035	Quantitative Reasoning with Integrated Algebra QL (6)	
	STAT 1040	Introduction to Statistics QL (3) (recommended for Social Science majors)	
	STAT 1045	Introduction to Statistics with Algebra QL (5)	
	MATH 1050	College Algebra QL (4) (recommended for Business, Education, Science, and Health Professions majors)	
	MATH 1055	College Algebra with Preliminaries QL (5)	
	MATH 1090	College Algebra for Business QL (3) (recommended for Business majors)	
Complete one of the following:			3
	HIST 1700	American Civilization AS (3)	
	HIST 1740	US Economic History AS (3)	
	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	
	POLS 1000	American Heritage SS (3)	
	POLS 1100	American National Government AS (3)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
	HLTH 1100	Personal Health and Wellness TE (2.0)	
or	EXSC 1097	Fitness for Life TE	2
Distribution Courses:			
	Biology		3
	Physical Science		3
	Additional Biology or Physical Science		3
	Humanities		3
	Fine Arts		3
	Social/Behavioral Science		3
Discipline Core Requirements:			12 Credits
Any additional Humanities and Social Sciences Course 1000 or 2000 level with the following prefix: AIST, AMST, ANTH, ASL, BESC, CHIN, CHST, CINE, CLST, CNST, COMM, ENGL, FAMS, FREN, GER, GRK, HIST, HUM, IS, LATN, PHIL, POLS, PORT, PSY, RUS, SOC, SOSC, SPAN, SW			12
Elective Requirements:			13 Credits
Same foreign Language			8
Complete 5 credits in any course 1000 level and above			5

Graduation Requirements:

1. Completion of a minimum of 60 semester credits.
2. Overall grade point average of 2.0 (C) or above (departments may require a higher GPA).
3. Residency hours: minimum of 20 credit hours through course attendance at UVU,
4. Completion of GE and specified departmental requirements.
5. For the AA degree, completion of 8 credit hours of course work from one language.

Humanities and Social Sciences, A.A.**Careers**

1. Discover connections among disciplines.
2. Develop critical thinking.
3. Demonstrate knowledge of human cultures and the physical and natural world as studied in humanities and social sciences.
4. Appropriately use the conventions associated with writing and speaking.

Related Careers

- Postsecondary Teachers, All Other

Humanities and Social Sciences, A.S.

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Requirements

The AA/AS in Humanities and Social Sciences is designed to (a) allow students to explore different majors and career paths within the humanities and social sciences, (b) provide a completion point for students who do not want to pursue a bachelor's degree, and (c) facilitate transfer to another institution for students who would like to finish their bachelor's degree elsewhere. The curriculum consists of 35 credits of general education, 12 credits of electives in the College of Humanities and Social Sciences, and 13 free electives from any college within the university.

Total Program Credits: 60

General Education Requirements:		35 Credits
	ENGL 1010 Introduction to Academic Writing CC	3
or	ENGH 1005 Literacies and Composition Across Contexts CC (5.0)	
	ENGL 2010 Intermediate Academic Writing CC	3
Complete one of the following:		3
	MAT 1030 Quantitative Reasoning QL (3) (recommended for Humanities or Arts majors)	
	MAT 1035 Quantitative Reasoning with Integrated Algebra QL (6)	
	STAT 1040 Introduction to Statistics (3) (recommended for Social Science majors)	
	STAT 1045 Introduction to Statistics with Algebra (5.0)	
	MATH 1050 College Algebra QL (4) (recommended for Business, Education, Science, and Health Professions majors)	
	MATH 1055 College Algebra with Preliminaries QL (5)	
	MATH 1090 College Algebra for Business QL (3) (recommended for Business majors)	
Complete one of the following:		3
	HIST 1700 American Civilization AS (3.0)	
	HIST 1740 US Economic History AS (3.0)	
	HIST 2700 US History to 1877 AS (3.0)	
and	HIST 2710 US History since 1877 AS (3.0)	

	POLS 1000 American Heritage SS (3.0)	
	POLS 1100 American National Government AS (3.0)	
Complete the following:		
	PHIL 2050 Ethics and Values IH	3
	HLTH 1100 Personal Health and Wellness TE (2.0)	
or	EXSC 1097 Fitness for Life TE	2
Distribution Courses:		
	Biology	3
	Physical Science	3
	Additional Biology or Physical Science	3
	Humanities	3
	Fine Arts	3
	Social/Behavioral Science	3
Discipline Core Requirements:		12 Credits
Any additional Humanities and Social Sciences Course 1000 or 2000 level with the following prefix: AIST, AMST, ANTH, ASL, BESC, CHIN, CHST, CINE, CLST, CNST, COMM, ENGL, FAMS, FREN, GER, GRK, HIST, HUM, IS, LANG, LATN, PHIL, POLS, PORT, PSY, RUS, SOC, SOSC, SPAN, SW		12
Elective Requirements:		13 Credits
Complete 13 credits in any course 1000 level and above		13

Graduation Requirements:

1. Completion of a minimum of 60 semester credits.
2. Overall grade point average of 2.0 (C) or above (departments may require a higher GPA).
3. Residency hours: minimum of 20 credit hours through course attendance at UVU,
4. Completion of GE and specified departmental requirements.

Humanities and Social Sciences, A.S.**Careers**

1. Discover connections among disciplines.
2. Develop critical thinking.
3. Demonstrate knowledge of human cultures and the physical and natural world as studied in humanities and social sciences.
4. Appropriately use the conventions associated with writing and speaking.

Related Careers

- Postsecondary Teachers, All Other

Applied Communication, Minor

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Requirements

Programs of study in Communication at UVU offer a balance of analytic and applied approaches to study in the field. The department offers an expanding menu of beginning and advanced courses in mass communication, public relations, media studies, interpersonal communication, intercultural communication, international communication, organizational communication, and journalism.

Total Program Credits: 18

Communication

Discipline Core Requirements:			Credits
	COMM 1020	Public Speaking HH	3
	COMM 1050	Introduction to Communication SS	3
	COMM 3050	Theories of Communication and Culture WE	3
Elective Requirements:			9 Credits
	Complete 9 credits in the Communication department; 6 of those credits must be upper-division credits (3000-4000 level classes)		9

Graduation Requirements:

1. Completion of COMM courses with a C- or higher

Applied Communication, Minor Careers

1. Foundational Knowledge: Students demonstrate knowledge of the field of communication and the meaning and purpose of communication at the individual, group, and societal level.
2. Students develop in-depth and critical thinking/professional skills.
3. Students apply knowledge and expertise to real-world situations and/or research questions.
4. Students develop an understanding of diversity and cultural perspectives in local, regional, and global society.

Related Careers

- Advertising and Promotions Managers
- Public Relations and Fundraising Managers
- Communications Teachers, Postsecondary
- Public Relations Specialists

Ethnic Studies, Minor

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Requirements

Ethnic Studies is an interdisciplinary and intersectional study of differences and diverse connections. Such differences and connections include race, ethnicity, culture, nation, sexuality, and physical abilities that span humanities and social sciences. These studies re-frame and re-center conversations and knowledge about non dominant histories in the United States and the world.

Total Program Credits: 18

Core Requirements:			6 Credits
	ETHS 2500	Introduction to Ethnic Studies	3
	ETHS 2510	Foundations of Ethnic Studies	3
Choose 12 credits from the following: (9 credits must be upper-division)			12
	AIST 180G	Introduction to American Indian Studies SS GI	
or	ANTH 180G	Introduction to American Indian Studies SS GI	

	ANTH 101G	Social Cultural Anthropology SS GI	
	ANTH 3000	Language and Culture LH	
	ANTH 3360	Contemporary Issues in American Culture	
	ANTH 3365	Gender and Sexuality	
	CINE 217G	Race Class and Gender in U S Cinema GI HH	
or	COMM 217G	Race Class and Gender in U S Cinema GI HH	
or	ENGL 217G	Race Class and Gender in U S Cinema GI HH	
	ENGL 357G	Native American Literature GI	
	ENGL 373R	Literature of Cultures and Places	
	ENGL 376G	World Literature GI	
	ENGL 377G	Latina/o Literature in America	
	ENGL 402G	Multicultural Rhetorics GI	
	ENGL 476G	Multi-ethnic Literature in America GI	
	COMM 319G	Intercultural Communication Encounters GI	
	HUM 101G	Humanities Through the Arts HH GI	
	HUM 201G	World History Through the Arts I HH GI	
	HUM 202G	World History Through the Arts II HH GI	
	PHIL 1620	Introduction to Eastern Religions HH	
	POLS 3480	Race in Politics	
	AIST 180G	Introduction to American Indian Studies SS GI	
or	ANTH 180G	Introduction to American Indian Studies SS GI	
	PSY 350G	Social Psychology GI	

	PSY 480G	Cross-Cultural Psychology GI	
	SOC 107G	Multicultural Societies SS GI	
	SOC 1010	Introduction to Sociology SS	
	SOC 263G	Race and Minority Relations GI	

Ethnic Studies, Minor Careers

1. Effectively evaluate how race, languages, ability, and sexuality have been embedded in social structures and institutions and how these structures affect people's everyday lives;
2. Identify, define, and apply terms, concepts, and methods from multiple disciplines to broaden analysis of issues related to race, languages, ability, and sexuality;
3. Clearly analyze how and why race, languages, ability, and sexuality operate in dynamic, intersecting relationships in forms of power and oppression;
4. Demonstrate analytical and integrative skills through clear and well-organized written and oral communication.

Related Careers

- Area, Ethnic, and Cultural Studies Teachers, Postsecondary

Public Relations and Strategic Communication, Minor

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Requirements

The BA/BS/Minor will give students the opportunity to earn a full major/minor in the field of public relations and strategic communication. This degree prepares students with the necessary skills to communicate (a) visually, (b) orally, and through the (c) written word in traditional and digital mediums, as demanded by the ever-changing nature of strategic communication and public relations.

Total Program Credits: 18

Discipline Core Requirements:		18 Credits
COMM 2300	Introduction to Public Relations and Strategic Communication	3
COMM 3520	Public Relations and Strategic Communication Case Studies	3
COMM 3530	Public Relations and Strategic Communication Writing	3
Complete 9 credits of Communication courses, 6 must be upper-division credits (3000-4000 level classes)		9

Graduation Requirements:

1. Complete all communication classes with a C- or better

Applied Communication, B.A.

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Requirements

The BA/BS/Minor will give students the opportunity to earn a full major/minor in the field of applied communication. This degree prepares students with the necessary skills to (a) examine a wide range of diverse issues, including the communication needs of organizations, effective social interaction, improvement of health care understandings or delivery, implementation of behavioral interventions, training to improve communication, and activist efforts to achieve social change, (b) methodological and (c) theoretical competence to address issues of applied communication, and (d) to practice oral, written, and critical thinking skills.

Total Program Credits: 120

General Education Requirements:			36 Credits
or	ENGL 1010	Introduction to Academic Writing CC	3
	ENGL 1005	Literacies and Composition Across Contexts CC (5)	
	ENGL 2010	Intermediate Academic Writing CC	3
	STAT 1040	Introduction to Statistics QL	3
or	STAT 1045	Introduction to Statistics with Algebra QL (5)	
Complete one of the following:			3
	HIST 1700	American Civilization AS (3)	
	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	
	HIST 1740	US Economic History AS (3)	
	POLS 1000	American Heritage SS (3)	
	POLS 1100	American National Government AS (3)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
	HLTH 1100	Personal Health and Wellness TE (2)	
or	EXSC 1097	Fitness for Life TE	2
Distribution Courses:			
	Biology		3
	Physical Science		3
	Additional Biology or Physical Science		3
	Humanities (Any Foreign Language 202G/2020 course)		4
	Fine Arts		3
	Social/Behavioral Science		3
Discipline Core Requirements:			36 Credits
	COMM 1020	Public Speaking HH	3
	COMM 1050	Introduction to Communication SS	3
	COMM 3020	Communication Research Methods WE	3

Communication

	COMM 3050	Theories of Communication and Culture WE	3
	COMM 319G	Intercultural Communication Encounters GI	3
	COMM 4930	Communication Capstone	3
Complete 18 credits within the Communication Major; 9 must be at the 3000-4000 level.			18
Elective Requirements:			48 Credits
	One foreign language		12
	Any courses numbered 1000 or higher; specific upper-division credits may be needed to fulfill the university's upper-division requirement		36

Graduation Requirements:

1. Completion of a minimum of 120 or more semester credits.
2. Overall grade point average of 2.0 (C) or above (departments may require a higher GPA).
3. Residency hours: minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
4. Completion of GE and specified departmental requirements.
5. Completion of 16 credit hours of course work from one language to include the 1010, 1020, 2010, and 202G/2020 levels or transferred equivalents.
6. Completion of COMM courses with a C- or higher.
7. Successful completion of at least one Global/Intercultural course.

Applied Communication, B.A. Careers

1. Foundational Knowledge: Students demonstrate knowledge of the field of communication and the meaning and purpose of communication at the individual, group, and societal level.
2. Research Expertise: Students develop in-depth and critical thinking/professional skills.
3. Application of Foundational Knowledge and Research Expertise: Students apply knowledge and expertise to real-world situations and/or research questions.
4. Diversity and Cultural Perspectives: Students develop an understanding of diversity and cultural perspectives in local, regional, and global society.

Related Careers

- Advertising and Promotions Managers
- Public Relations and Fundraising Managers
- Communications Teachers, Postsecondary
- Public Relations Specialists

Applied Communication, B.S.

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Requirements

The BA/BS/Minor will give students the opportunity to earn a full major/minor in the field of applied communication. This degree prepares students with the necessary skills to (a) examine a wide range of diverse issues, including the communication needs of organizations, effective social interaction, improvement of health care understandings or delivery, implementation of behavioral interventions, training to improve communication, and activist efforts to achieve social change, (b) methodological and (c) theoretical competence to address issues of applied communication, and (d) to practice oral, written, and critical thinking skills.

Total Program Credits: 120

General Education Requirements:			35 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGH 1005	Literacies and Composition Across Contexts CC (5)	
	ENGL 2010	Intermediate Academic Writing CC	3
	STAT 1040	Introduction to Statistics QL	3
or	STAT 1045	Introduction to Statistics with Algebra QL (5)	
Complete one of the following:			3
	HIST 1700	American Civilization AS (3)	
	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	
	HIST 1740	US Economic History AS (3)	
	POLS 1000	American Heritage SS (3)	
	POLS 1100	American National Government AS (3)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
	HLTH 1100	Personal Health and Wellness TE (2)	
or	EXSC 1097	Fitness for Life TE	2
Distribution Courses:			
	Biology		3
	Physical Science		3
	Additional Biology or Physical Science		3
	Humanities		4
	Fine Arts		3
	Behavioral/Social Science		3
Discipline Core Requirements:			36 Credits
	COMM 1020	Public Speaking HH	3
	COMM 1050	Introduction to Communication SS	3
	COMM 319G	Intercultural Communication Encounters GI	3
	COMM 3020	Communication Research Methods WE	3
	COMM 3050	Theories of Communication and Culture WE	3
	COMM 4930	Communication Capstone	3
	Complete 18 credits within the Communication Major; 9 must be at the 3000-4000 level.		18
Elective Requirements:			49 Credits
	Any courses numbered 1000 or higher; specific upper-division credits may be needed to fulfill the university's upper-division requirement		49

Graduation Requirements:

1. Completion of a minimum of 120 or more semester credits.
2. Overall grade point average of 2.0 (C) or above (departments may require a higher GPA).
3. Residency hours: minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.

4. Completion of GE and specified departmental requirements.
5. Completion of COMM courses with a C- or higher.
6. Successful completion of at least one Global/Intercultural course.

Applied Communication, B.S.

Careers

1. Foundational Knowledge: Students demonstrate knowledge of the field of communication and the meaning and purpose of communication at the individual, group, and societal level.
2. Research Expertise: Students develop in-depth and critical thinking/professional skills.
3. Application of Foundational Knowledge and Research Expertise: Students apply knowledge and expertise to real-world situations and/or research questions.
4. Diversity and Cultural Perspectives: Students develop an understanding of diversity and cultural perspectives in local, regional, and global society.

Related Careers

- Advertising and Promotions Managers
- Public Relations and Fundraising Managers
- Communications Teachers, Postsecondary
- Public Relations Specialists

Public Relations and Strategic Communication, B.A.

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Requirements

The BA/BS/Minor will give students the opportunity to earn a full major/minor in the field of public relations and strategic communication. This degree prepares students with the necessary skills to communicate (a) visually, (b) orally, and through the (c) written word in traditional and digital mediums, as demanded by the ever-changing nature of strategic communication and public relations.

Total Program Credits: 120

General Education Requirements:		36 Credits
	ENGL 1010 Introduction to Academic Writing CC	3
or	ENGL 1005 Literacies and Composition Across Contexts CC (5)	
	ENGL 2010 Intermediate Academic Writing CC	3
	STAT 1040 Introduction to Statistics QL	3
or	STAT 1045 Introduction to Statistics with Algebra QL (5)	
Complete one of the following:		3
	HIST 1700 American Civilization AS (3)	
	HIST 2700 US History to 1877 AS (3)	
and	HIST 2710 US History since 1877 AS (3)	
	HIST 1740 US Economic History AS (3)	
	POLS 1000 American Heritage SS (3)	
	POLS 1100 American National Government AS (3)	
Complete the following:		
	PHIL 2050 Ethics and Values IH	3
	HLTH 1100 Personal Health and Wellness TE (2)	
or	EXSC 1097 Fitness for Life TE	2

Distribution Courses:		
	Biology	3
	Physical Science	3
	Additional Biology or Physical Science	3
	Humanities (Any Foreign Language 202G/2020 course)	4
	Fine Arts	3
	Behavioral/Social Science	3
Discipline Core Requirements:		18 Credits
COMM 2300	Introduction to Public Relations and Strategic Communication	3
COMM 3530	Public Relations and Strategic Communication Writing	3
COMM 3020	Communication Research Methods WE	3
COMM 3050	Theories of Communication and Culture WE	3
COMM 3520	Public Relations and Strategic Communication Case Studies	3
COMM 4850	Public Relations and Strategic Communication Campaigns	3
Elective Requirements:		64 Credits
	Complete 18 credits within the Communication Major, 9 must be at the 3000-4000 level	18
	Complete 12 credits from one foreign language to include the 1010, 1020, and 2010 levels.	12
	Any courses numbered 1000 or higher, specific upper-division credits may be needed to fulfill the university's upper-division requirement, completion of one G/I course is required.	36

Graduation Requirements:

1. Completion of a minimum of 120 or more semester credits.
2. Overall grade point average of 2.0 (C) or above (departments may require a higher GPA).
3. Residency hours: minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
4. Completion of GE and specified departmental requirements.
5. Completion of 16 credit hours of course work from one language to include the 1010, 1020, 2010, and 202G/2020 levels or transferred equivalents.
6. Completion of COMM courses with a C- or higher.
7. Successful completion of at least one Global/Intercultural course.

Public Relations and Strategic Communication, B.A. Careers

1. Students with Foundational Knowledge will have a 1) theoretical, and up-to-date understanding, of current research findings centered on the concepts, constructs, and principles discussed in the fields of strategic communication and public relations. Researcher findings are often collected through diverse methodologies; therefore, students will (2) demonstrate an understanding of the methodologies and instruments used by both researchers and practitioners. These findings are written by a myriad of authors and disseminated through diverse channels, thus students will (3) become familiar with, and judiciously examine, both authoritative and non-credible sources of information in order to become a more information-literate individual. Finally, as Foundational Knowledge is always

Communication

changing, students will 4) recognize the impermanent nature of knowledge claims in order to initiate and adapt to new approaches of communication.

2. In order to obtain Professional Skills, students will be able to (1) demonstrate competency in oral, written, visual, and nonverbal communication both individually and (2) in a team setting using the acquired skills gained from strategic communication and public relations courses. From these skills, students will be able to (3) create multimedia content designed to achieve specific objectives for organizations, while simultaneously targeting a diverse set of audiences in addition to (4) planning, managing, and executing strategic communication campaigns.
3. The Application of Foundational Knowledge and Professional Skills Learning Outcome incorporates several different points. First, students, by the time of graduation, should be able to use the critical thinking skills obtained from coursework and classroom instruction to analyze and evaluate strategic communication and public relations messages from a theoretical and applied perspective. Further, students should (2) be able to employ basic research skills to gather data, synthesize the findings into a cogent message, and evaluate their importance in relation to campaign objectives. In addition, students, by applying the foundational knowledge and professional skills gained, (3) will be able to adapt their messages, based on previous case studies and research findings, over the course of a strategic communication and public relations campaign.
4. Students with an understanding in Diversity and Cultural Perspectives will have the ability to (1) apply ethical principles learned via class work by (2) demonstrating their competency in critically analyzing ethical problems from multiple and diverse perspectives both individually and in a team-setting. Further, students should have the (3) ability to understand, examine, and acknowledge the situatedness of cultural experiences, conflicting opinions, and viewpoints on issues and ethical dilemmas when interacting with stakeholders. Finally, by graduation, students will be able to (4) reflect upon the interconnectedness of local, national, and global issues.

Related Careers

- Advertising and Promotions Managers
- Public Relations and Fundraising Managers
- Communications Teachers, Postsecondary
- Public Relations Specialists

Public Relations and Strategic Communication, B.S.

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Requirements

The BA/BS/Minor will give students the opportunity to earn a full major/minor in the field of public relations and strategic communication. This degree prepares students with the necessary skills to communicate (a) visually, (b) orally, and through the (c) written word in traditional and digital mediums, as demanded by the ever-changing nature of strategic communication and public relations.

Total Program Credits: 120

General Education Requirements:		35 Credits
or	ENGL 1010 Introduction to Academic Writing CC	3
	ENGL 1005 Literacies and Composition Across Contexts CC (5)	
	ENGL 2010 Intermediate Academic Writing CC	3
	STAT 1040 Introduction to Statistics QL	3

or	STAT 1045 Introduction to Statistics with Algebra QL (5)	
Complete one of the following:		3
	HIST 1700 American Civilization AS (3)	
	HIST 2700 US History to 1877 AS (3)	
and	HIST 2710 US History since 1877 AS (3)	
	HIST 1740 US Economic History AS (3)	
	POLS 1000 American Heritage SS (3)	
	POLS 1100 American National Government AS (3)	
Complete the following:		
	PHIL 2050 Ethics and Values IH	3
	HLTH 1100 Personal Health and Wellness TE (2)	
or	EXSC 1097 Fitness for Life TE	2
Distribution Courses:		
	Biology	3
	Physical Science	3
	Additional Biology or Physical Science	3
	Humanities	3
	Fine Arts	3
	Behavioral/Social Science	3
Discipline Core Requirements:		18 Credits
	COMM 2300 Introduction to Public Relations and Strategic Communication	3
	COMM 3020 Communication Research Methods WE	3
	COMM 3520 Public Relations and Strategic Communication Case Studies	3
	COMM 3530 Public Relations and Strategic Communication Writing	3
	COMM 3050 Theories of Communication and Culture WE	3
	COMM 4850 Public Relations and Strategic Communication Campaigns	3
Elective Requirements:		67 Credits
	Complete 18 credits within the Communication Major, 9 must be at the 3000-4000 level	18
	Any courses numbered 1000 or higher, specific upper-division credits may be needed to fulfill the university's upper-division requirement, completion of one G/I course is required.	49

Graduation Requirements:

1. Completion of a minimum of 120 or more semester credits.
2. Overall grade point average of 2.0 (C) or above (departments may require a higher GPA).
3. Residency hours: minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
4. Completion of GE and specified departmental requirements.
5. Completion of COMM courses with a C- or higher.
6. Successful completion of at least one Global/Intercultural course.

Public Relations and Strategic Communication, B.S. Careers

1. Students with Foundational Knowledge will have a 1) theoretical, and up-to-date understanding, of current research findings centered on the concepts, constructs, and principles discussed in the fields of strategic communication and public relations. Researcher findings are often collected through diverse methodologies; therefore, students will (2) demonstrate an understanding of the methodologies and instruments used by both researchers and practitioners. These findings are written by a myriad of authors and disseminated through diverse channels, thus students will (3) become familiar with, and judiciously examine, both authoritative and non-credible sources of information in order to become a more information-literate individual. Finally, as Foundational Knowledge is always changing, students will (4) recognize the impermanent nature of knowledge claims in order to initiate and adapt to new approaches of communication.
2. In order to obtain Professional Skills, students will be able to (1) demonstrate competency in oral, written, visual, and nonverbal communication both individually and (2) in a team setting using the acquired skills gained from strategic communication and public relations courses. From these skills, students will be able to (3) create multimedia content designed to achieve specific objectives for organizations, while simultaneously targeting a diverse set of audiences in addition to (4) planning, managing, and executing strategic communication campaigns.
3. The Application of Foundational Knowledge and Professional Skills Learning Outcome incorporates several different points. First, students, by the time of graduation, should be able to use the critical thinking skills obtained from coursework and classroom instruction to analyze and evaluate strategic communication and public relations messages from a theoretical and applied perspective. Further, students should (2) be able to employ basic research skills to gather data, synthesize the findings into a cogent message, and evaluate their importance in relation to campaign objectives. In addition, students, by applying the foundational knowledge and professional skills gained, (3) will be able to adapt their messages, based on previous case studies and research findings, over the course of a strategic communication and public relations campaign.
4. Students with an understanding in Diversity and Cultural Perspectives will have the ability to (1) apply ethical principles learned via class work by (2) demonstrating their competency in critically analyzing ethical problems from multiple and diverse perspectives both individually and in a team-setting. Further, students should have the (3) ability to understand, examine, and acknowledge the situatedness of cultural experiences, conflicting opinions, and viewpoints on issues and ethical dilemmas when interacting with stakeholders. Finally, by graduation, students will be able to (4) reflect upon the interconnectedness of local, national, and global issues.

Related Careers

- Advertising and Promotions Managers
- Public Relations and Fundraising Managers
- Communications Teachers, Postsecondary
- Public Relations Specialists

Computer Science

DEPARTMENT CHAIR

RUDOLPH, George Associate Professor

FACULTY

ALDOUS, Peter Assistant Professor

DURNEY, Brian Associate Professor

HARRISON, Neil B. Professor

JENSON, Kenneth Lecturer

KNAEBLE, Brian Associate Professor

KNUTSON, Charles D. Associate Professor

MORTENSEN, Gregory Lecturer

RUDOLPH, George Associate Professor

SAJAL, Sayeed Assistant Professor

SANATI MEHRIZY, Reza Professor

SHARP, Craig Lecturer

TANG, Jingpeng Associate Professor

TENG, Abraham Associate Professor

THACKERAY, Lynn Roy Sr. Lecturer

WAGSTAFF, David Lecturer

ZENG, Larry Professor

Degrees & Programs

Computer Science - Computer Engineering Emphasis, A.A.S.

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Requirements

The program introduces the student to a wide range of computer systems hardware, software, device drivers and peripheral devices.

Total Program Credits: 63

General Education Requirements:		13 Credits
	A minimum of 16 credits of General Education requirements are required for graduation. Not all GE requirements are listed in this section (see Specialty Core requirements for more details).	
	ENGL 1010 Introduction to Academic Writing CC	3
or	ENGL 1005 Literacies and Composition Across Contexts CC (5)	
	HUMANITIES/FINE ARTS/FOREIGN LANGUAGE ¹	3
	COMM 2110 Interpersonal Communication SS (Minimum grade of C- required)	3
	Choose one of the following:	3
	BIOLOGY	
or	PHYS 2210 Physics for Scientists and Engineers I PP (4) (Minimum grade of C- required)	
	PHYSICAL EDUCATION/HEALTH/SAFETY OR ENVIRONMENT ²	1
Discipline Core Requirements:		9 Credits
Complete the following:		

CS 1400	Fundamentals of Programming (Minimum grade of C- required)	3
CS 2600	Computer Networks I (Minimum grade of C- required)	3
CS 2810	Computer Organization and Architecture (Minimum grade of C- required)	3
Emphasis Requirements:		32 Credits
Complete the following (minimum grade of C- required):		
ECE 1000	Introduction to Electrical and Computer Engineering	3
ECE 2250	Circuit Theory	3
ECE 2255	Circuit Theory Lab	1
ECE 2700	Digital Design I	3
IT 1510	Introduction to System Administration--Linux/UNIX	3
MATH 1210	Calculus I QL (fulfills GE requirement)	4
CS 1410	Object-Oriented Programming	3
CS 2370	C plus plus Programmin WE	3
CS 2420	Introduction to Algorithms and Data Structures	3
ECE 2705	Digital Design I Lab	1
PHYS 2220	Physics for Scientists and Engineers II PP	4
PHYS 2225	Physics for Scientists and Engineers II Lab	1
Emphasis Electives Requirements:		9 Credits
Complete 6 credits from the following courses (minimum grade of C- required):		6
CS 2300	Discrete Mathematical Structures I (3)	
CS 2450	Software Engineering (3)	
CS 2550	Web Programming I (3)	
MATH 1220	Calculus II (4)	
Complete 3 credits of any CS or ECE course 1000 or higher.		3

Graduation Requirements:

1. Completion of a minimum of 63 semester credits.
2. Overall grade point average of 2.0 (C) or above.
3. Residency hours -- minimum of 20 credit hours through course attendance at UVU.

Footnote:

¹ COMM 1020 Public Speaking HH recommended

² HLTH 1100 Personal Health and Wellness TE or EXSC1097 Fitness for Life TE recommended

Computer Science - Computer Engineering Emphasis, A.A.S.

Careers

Program Learning Outcomes

1. Graduates are proficient in using data structures and algorithms.
2. Graduates understand the foundations of computer architecture

Program Learning Outcomes

3. Graduates will have the ability to apply knowledge of mathematics, science, and engineering
4. Graduates will have the ability to design and conduct experiments, as well as to analyze and interpret data
5. Graduates will have the ability to design a system, component, or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety manufacturability and sustainability
6. Graduates will have the ability to function on multidisciplinary teams
7. Graduates will have the ability to identify, formulate, and solve engineering problems
8. Graduates will have an understanding of professional and ethical responsibility
9. Graduates will have the ability to communicate effectively
10. Graduates will have the broad education necessary to understand the impact of engineering solutions in a global, economic, environmental, and societal context.
11. Graduates will have recognition of the need for, and an ability to engage in life-long learning.
12. Graduates will have knowledge of contemporary issues as they relate to computer engineering practice

Related Careers

- Computer and Information Systems Managers
- Computer and Information Research Scientists
- Information Security Analysts
- Computer Programmers
- Software Developers, Applications
- Software Developers, Systems Software
- Web Developers
- Computer Network Support Specialists
- Computer Occupations, All Other
- Computer Science Teachers, Postsecondary

Computer Science - Computing and Networking Sciences Emphasis, A.A.S.

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Requirements

The program introduces the student to a wide range of networking and data communications technologies and entry level programming.

Total Program Credits: 63

General Education Requirements:		13 Credits
	A minimum of 16 credits of General Education requirements are required for graduation. Not all GE requirements are listed in this section (see Specialty Core requirements for more details).	
	ENGL 1010 Introduction to Academic Writing CC	3
or	ENGL 1005 Literacies and Composition Across Contexts CC (5)	
	HUMANITIES/FINE ARTS/FOREIGN LANGUAGE ¹	3
	COMM 2110 Interpersonal Communication SS (Minimum grade of C- required)	3
	Choose one of the following:	
	BIOLOGY	3
or	PHYS 2210 Physics for Scientists and Engineers I PP (4) (Minimum grade of C- required)	

PHYSICAL EDUCATION/HEALTH/SAFETY OR ENVIRONMENT ²		1
Discipline Core Requirements:		9 Credits
Complete the following:		
CS 1400	Fundamentals of Programming (Minimum grade of C- required)	3
CS 2600	Computer Networks I (Minimum grade of C- required)	3
CS 2810	Computer Organization and Architecture (Minimum grade of C- required)	3
Emphasis Requirements:		25 Credits
Complete the following:		
CS 1410	Object-Oriented Programming	3
CS 2300	Discrete Mathematical Structures I	3
CS 2420	Introduction to Algorithms and Data Structures	3
CS 2370	C plus plus Programming WE	3
CS 2450	Software Engineering	3
CS 2550	Web Programming I	3
CS 2690	Computer Networks II	3
MATH 1210	Calculus I QL	4
Emphasis Elective Requirements:		16 Credits
Complete 16 credits from the following courses (minimum grade of C- required). (Must be approved by CSE Department. See CSE Advisor):		16
CS 1030	Foundations of Computer Science (3)	
CS 281R	Internship (1-8) (3 credits max)	
ECE 2700	Digital Design I (3)	
and ECE 2705	Digital Design I Lab (1)	
IT 1510	Introduction to System Administration--Linux/UNIX (3)	
MATH 1220	Calculus II (4)	
PHYS 2215	Physics for Scientists and Engineers I Lab (1)	

Graduation Requirements:

1. Completion of a minimum of 64 semester credits.
2. Overall grade point average of 2.0 (C) or above.
3. Residency hours -- minimum of 20 credit hours through course attendance at UVU.

Footnote:

¹ COMM 1020 Public Speaking HH recommended

² HLTH 1100 Personal Health and Wellness TE or EXSC 1097 Fitness for Life TE recommended

Computer Science - Computing and Networking Sciences Emphasis, A.A.S.**Careers**

1. Graduates are proficient in using data structures and algorithms.
2. Graduates understand the foundations of computer architecture.
3. Graduates are able to develop solutions to significant computing problems.

Computer Science

- Graduates will have a thorough understanding of the theory and constructs of programming languages.
- Graduates understand the theoretical foundations of computation.
- Graduates understand the principles and components of operating systems.
- Graduates have proficiency in the mathematical skills needed in computer science (viz. discrete mathematics, basic probability and statistics, basic differential and integral calculus)
- Students understand the fundamentals of net-centric computing

Related Careers

- Computer and Information Systems Managers
- Computer and Information Research Scientists
- Information Security Analysts
- Computer Programmers
- Software Developers, Applications
- Software Developers, Systems Software
- Web Developers
- Computer Network Support Specialists
- Computer Occupations, All Other
- Computer Science Teachers, Postsecondary

Computer Science, A.S.

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Requirements

The CS Associate degree is a transfer degree used when a student is contemplating changing schools. Because it includes all general education classes, attempting to earn this degree four semesters will necessarily lengthen the time to earn a BS degree.

Total Program Credits: 61

General Education Requirements:		40 Credits
	ENGL 1010 Introduction to Academic Writing CC	3
or	ENGL 1005 Literacies and Composition Across Context CC (5)	
	ENGL 2010 Intermediate Academic Writing CC	3
	MATH 1210 Calculus I QL	4
Complete one of the following:		3
	HIST 2700 US History to 1877 AS (3)	
and	HIST 2710 US History since 1877 AS (3)	
	HIST 1700 American Civilization AS (3)	
	HIST 1740 US Economic History AS (3)	
	POLS 1000 American Heritage SS (3)	
	POLS 1100 American National Government AS (3)	
Complete the following:		
	PHIL 2050 Ethics and Values IH	3
	HLTH 1100 Personal Health and Wellness TE (2)	
or	EXSC 1097 Fitness for Life TE	2
Distribution Courses		
Humanities:		
	COMM 1020 Public Speaking HH (recommended)	3
Social Science:		

	COMM 2110 Interpersonal Communication SS (recommended)	3
Physical Science:		
	PHYS 2210 Physics for Scientists and Engineers I PP ¹	4
	PHYS 2215 Physics for Scientists and Engineers I Lab ¹	1
Additional Distribution Courses		
	Biology	3
	Fine Arts Distribution	3
Complete one of the following additional GE course/lab combinations		5
	BIOL 1610 College Biology I BB	4
and	BIOL 1615 College Biology I Laboratory	1
	CHEM 1210 Principles of Chemistry I PP	4
and	CHEM 1215 Principles of Chemistry I Laboratory	1
	PHYS 2020 College Physics II PP	4
and	PHYS 2025 College Physics II Lab	1
	PHYS 2220 Physics for Scientists and Engineers II PP	4
and	PHYS 2225 Physics for Scientists and Engineers II Lab	1
	GEO 1010 Introduction to Geology PP	3
and	GEO 1015 Introduction to Geology Laboratory	1
and	GEO 202R Science Excursion	1
Discipline Core Requirements:		21 Credits
	CS 1400 Fundamentals of Programming ¹	3
	CS 1410 Object-Oriented Programming ¹	3
	CS 2300 Discrete Mathematical Structures I ¹	3
	CS 2370 C Plus Plus Programming WE ¹	3
	CS 2420 Introduction to Algorithms and Data Structures ¹	3
	CS 2550 Web Programming I ¹	3
	CS 2810 Computer Organization and Architecture ¹	3

Graduation Requirements:

- Completion of a minimum of 61 semester credits.
- Overall grade point average of 2.0 (C) or above with no grade lower than a C- in Discipline Core courses.
- Residency hours -- minimum of 20 credit hours through course attendance at UVU.
- Completion of GE and specified departmental requirements.

Footnote

¹Minimum grade of C- required

Computer Science, A.S.

Careers

- Analyze a simple computing problem and to apply principles of computing and other relevant disciplines to identify solutions.

2. Design, implement, and evaluate a simple computing-based solution to meet a given set of computing requirements in the context of the program's discipline.
3. Communicate effectively in a variety of contexts.
4. Apply computer science theory and software development fundamentals to produce computing-based solutions.

Related Careers

- Computer and Information Systems Managers
- Computer and Information Research Scientists
- Information Security Analysts
- Computer Programmers
- Software Developers, Applications
- Software Developers, Systems Software
- Web Developers
- Computer Network Support Specialists
- Computer Occupations, All Other
- Computer Science Teachers, Postsecondary

Programmer, Certificate of Completion

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Requirements

The program introduces the students to basic, entry level programming.

Total Program Credits: 30

Discipline Core Requirements:			21 Credits
CS 1400	Fundamentals of Programming	3	
CS 1410	Object-Oriented Programming	3	
CS 2300	Discrete Mathematical Structures I	3	
CS 2420	Introduction to Algorithms and Data Structures	3	
CS 2600	Computer Networks I	3	
CS 2810	Computer Organization and Architecture	3	
ENGL 1010	Introduction to Academic Writing CC	3	
or ENGH 1005	Literacies and Composition Across Contexts CC (5)		
Elective Requirements:			9 Credits
Choose 9 credits from the following courses (Must be approved by CSE Department. See CSE adviser):			9
CS 2450	Software Engineering (3)		
CS 2550	Web Programming I (3)		
CS 281R	Internship (1-8) (Must be taken for 3 credits)		
CS 3060	Operating Systems Theory (3)		
CS 3250	Java Software Development (3)		
CS 3260	CsharpNET Software Development (3)		
CS 3370	C plus plus Software Development (3)		
CS 3520	Database Theory (3)		
IT 1510	Introduction to System Administration--Linux/UNIX (3)		

Graduation Requirements:

1. Completion of a minimum of 30 semester credits.
2. Minimum grade of C- required in all courses.
3. Overall grade point average of 2.0 (C) or above.
4. Residency hours -- minimum of 10 credit hours through course attendance at UVU.

Programmer, Certificate of Completion Careers

1. Graduates are able to develop solutions to moderately complex computing problems.
2. Graduates have proficiency in discrete mathematics.
3. Students understand the fundamentals of net-centric computing.

Related Careers

- Computer Programmers
- Software Developers, Applications
- Software Developers, Systems Software
- Web Developers
- Computer Network Support Specialists
- Computer Science Teachers, Postsecondary

Computer Science, Minor

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Requirements

The program provides the student with entry level programming instruction, and an overview of some portions of the program.

Total Program Credits: 18

Discipline Core Requirements:			9 Credits
CS 1400	Fundamentals of Programming	3	
CS 1410	Object-Oriented Programming	3	
CS 2420	Introduction to Algorithms and Data Structures	3	
Elective Requirements:			9 Credits
Complete at least three CS courses numbered 3060 or above			9

Graduation Requirements:

1. To fill the requirements for a computer science minor students must have no course grade lower than C- in any of the CNS courses required for the computer science minor

Computer Science, Minor Careers

1. Analyze simple computing problems in order to identify solutions.
2. Design a computing-based solution given a set of simple requirements.
3. Implement a computing-based solution given a set of simple requirements.
4. Implement linear and non-linear data structures.

Related Careers

- Computer and Information Systems Managers
- Computer and Information Research Scientists
- Information Security Analysts
- Computer Programmers
- Software Developers, Applications

Computer Science

- Software Developers, Systems Software
- Web Developers
- Computer Network Support Specialists
- Computer Occupations, All Other
- Computer Science Teachers, Postsecondary

Computational Data Science, B.S.

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Requirements

The Computational Data Science Degree develops strong interdisciplinary skills in mathematics, statistics, computer science and big data processing. Create algorithms, write code and scripts to solve problems beyond the basic use of existing tools in support of an industrial, enterprise-level big data pipeline. The mix of competencies and experiences required for Data Science differs significantly from those developed in the individual degree programs in the four areas mentioned above. Gain real-world experience as a springboard to working in industry as a Data Scientist or to pursue a graduate degree.

Total Program Credits: 121

General Education Requirements:			35 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGL 1005	Literacies and Composition Across Contexts CC (5)	
	ENGL 2010	Intermediate Academic Writing CC	3
	MATH 1210	Calculus I QL	4
American Institutions: Complete one of the following:			3
	HIST 1700	American Civilization AS (3)	
	HIST 1740	US Economic History AS (3)	
	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	
	POLS 1000	American Heritage SS (3)	
	POLS 1100	American National Government AS (3)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
	HLTH 1100	Personal Health and Wellness TE (2)	
or	EXSC 1097	Fitness for Life TE	2

Distribution Courses:			
	COMM 1020	Public Speaking HH *	3
	COMM 2110	Interpersonal Communication SS *	3
	Biology (choose from list)		3
	Fine Arts Distribution (choose from list)		3
	PHYS 2210	Physics for Scientists and Engineers I PP *	4
and	PHYS 2215	Physics for Scientists and Engineers I Lab*	1
Discipline Requirements:			74 Credits
Complete one of the following GE course/lab combinations:			5
	BIOL 1610	College Biology I BB (4)	
and	BIOL 1615	College Biology I Laboratory (1)	
or	CHEM 1210	Principles of Chemistry I PP (4)	
and	CHEM 1215	Principles of Chemistry I Laboratory (1)	
or	PHYS 2020	College Physics II PP (4)	
and	PHYS 2025	College Physics II Lab (1)	
or	PHYS 2220	Physics for Scientists and Engineers II PP (4)	
and	PHYS 2225	Physics for Scientists and Engineers II Lab (1)	
Minimum grade of C- required in these courses.			
Computer Science			
	CS 1400	Fundamentals of Programming	3
	CS 1410	Object-Oriented Programming	3
	CS 2420	Introduction to Algorithms and Data Structures	3
	CS 2300	Discrete Mathematical Structures I	3
	CS 2700	Causal Inference	3
	CS 3100	Data Privacy and Security	3

	CS 3520	Database Theory	3
	CS 3270	Python Software Development	3
	CS 3320	Numerical Software Development	3
	CS 3530	Data Management For Data Sciences	3
	CS 3800	Data Science Through Statistical Reasoning	3
	CS 3810	Applied Data Science	3
	CS 3820	Visualization Analytics for Data Science	3
	CS 305G	Global Social and Ethical Issues in Computing	3
	CS 4700	Machine Learning I	3
	CS 4710	Machine Learning II	3
	CS 4800	Data Science Capstone	3
Mathematics			
	MATH 1220	Calculus II	4
	MATH 2210	Calculus III	4
	MATH 2270	Linear Algebra	3
Statistics			
	STAT 2050	Introduction to Statistical Methods	4
	ECE 3710	Applied Probability and Statistics for Engineers and Scientists	3
Elective Requirements:			12 Credits
Complete 12 credits from any of the following (A minimum grade of C- is required):			12
	4 courses from another discipline, at least 6 hours of which must be 3000 level or higher. Requires department head approval.		
	Any CS 3000 or 4000 level course not already required		

Graduation Requirements:

1. Completion of a minimum of 120 semester credits, with a minimum of 40 upper-division credits.
2. Overall grade point average of 2.0 or above.

3. Must have a minimum grade of C- with a combined GPA of 2.5 or higher in all discipline requirements and the General Education requirements that are marked with an *.
4. Residency hours -- minimum of 30 credit hours through course attendance at UVU. 10 of these hours must be within the last 45 hours earned. At least 12 of the credit hours earned in residence must be in approved Computational Data Science (CDS) courses.
5. All transfer credit must be approved in writing by UVU.
6. No more than 80 semester hours and no more than 20 hours in CDS type courses of transfer credit from a two-year college.
7. No more than 30 semester hours may be earned through independent study and/or extension classes.
8. Successful completion of at least one Global/Intercultural course. CS 305G satisfies this requirement.

Computational Data Science, B.S.**Careers**

1. Analyze a complex computing problem and apply principles of computing and other relevant disciplines to identify solutions.
2. Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of the program's discipline.
3. Communicate effectively in a variety of professional contexts.
4. Recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles.
5. Function effectively as a member or leader of a team engaged in activities appropriate to the program's discipline.
6. Apply theory, techniques, and tools throughout the data analysis lifecycle and employ the resulting knowledge to satisfy stakeholders' needs.

Related Careers

- Natural Sciences Managers
- Computer Occupations, All Other

Computer Science - Computer Networking Emphasis, B.S.

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Requirements

The Networking specialization in the Computer Science degree program is designed to prepare students with strong internet-related programming and/or engineering skills. In addition to core Computer Science courses, it requires in-depth courses in network and Internet operations as well as extensive experience in web and network software development.

Total Program Credits: 120

Matriculation Requirements:	
<ol style="list-style-type: none"> 1. Completion of CS 1400 Fundamentals of Programming, CS 1410 Object Oriented Programming, CS 2300 Discrete Mathematical Structures I, and CS 2420 Introduction to Algorithms and Data Structures with a grade of C+ or better. 2. Completion of MATH 1210 Calculus I QL and ENGL 1010 Introduction to Academic Writing CC or ENGH 1005 Literacies and Composition Across Contexts CC with a grade of C or better. 3. Each of CS 1400, CS 1410, CS 2300, CS 2420, MATH 1210, and (ENGL 1010 or ENGH 1005) cannot be taken more than twice to obtain the required grade. 4. Overall GPA of 2.5 or higher. 	
General Education Requirements:	33 Credits

Computer Science

	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGH 1005	Literacies and Composition Across Contexts CC (5)	
	ENGL 2010	Intermediate Academic Writing CC	3
	MATH 1210	Calculus I QL ¹	4
American Institutions: Complete one of the following:			3
	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	
	HIST 1700	American Civilization AS (3)	
	HIST 1740	US Economic History AS (3)	
	POLS 1000	American Heritage SS (3)	
	POLS 1100	American National Government AS (3)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
	HLTH 1100	Personal Health and Wellness TE (2)	
or	EXSC 1097	Fitness for Life TE	2
Distribution Courses:			
	COMM 1020	Public Speaking HH ¹	3
	COMM 2110	Interpersonal Communication SS ¹	3
	Fine Arts Distribution (Choose from list)		3
	Biology (Choose from list)		3
	Physical Science (Choose from list)		3
	Additional GE to be completed in the core.		
Discipline Core Requirements:			54 Credits
Complete one of the following additional GE course/lab combinations:			5
	BIOL 1610	College Biology I BB (4)	
and	BIOL 1615	College Biology I Laboratory (1)	

or	CHEM 1210	Principles of Chemistry I PP (4)	
and	CHEM 1215	Principles of Chemistry I Laboratory (1)	
or	PHYS 2020	College Physics II PP (4)	
and	PHYS 2025	College Physics II Lab (1)	
or	PHYS 2220	Physics for Scientists and Engineers II PP (4)	
and	PHYS 2225	Physics for Scientists and Engineers II Lab (1)	
or	GEO 1010	Introduction to Geology PP (3)	
and	GEO 1015	Introduction to Geology Laboratory (1)	
and	GEO 202R	Science Excursion (1)	
Minimum grade of C- required in these courses.			
	CS 1400	Fundamentals of Programming	3
	CS 1410	Object-Oriented Programming	3
	CS 2300	Discrete Mathematical Structures I	3
	CS 2370	C plus plus Programming WE	3
	CS 2420	Introduction to Algorithms and Data Structures	3
	CS 2550	Web Programming I	3
	CS 2600	Computer Networks I	3
	CS 2690	Computer Networks II	3
	CS 2810	Computer Organization and Architecture	3
	CS 305G	Global Social and Ethical Issues in Computing GI WE	3
	CS 3060	Operating Systems Theory	3
	CS 3100	Data Privacy and Security	3

	CS 3240	Discrete Mathematical Structures II	3
	CS 3320	Numerical Software Development	3
	CS 3520	Database Theory	3
	STAT 2050	Introduction to Statistical Methods	4
Emphasis Requirements:			27 Credits
Minimum grade of C- required in these courses:			
	CS 2450	Software Engineering	3
	CS 3660	Web Programming II	3
	CS 3670	Network Programming	3
	CS 4610	TCP IP Internet Architecture	3
	CS 4670	Undergraduate Research Project for Networking Specialization	3
	CS 4690	Distributed Internet Application Development	3
	IT 1510	Introduction to System Administration--Linux/UNIX	3
	IT 3510	Advanced System Administration--Linux/UNIX	3
Complete one of the following:			3
	CS 3250	Java Software Development (3)	
	CS 3270	Python Software Development (3)	
	CS 3380	JavaScript Software Development (3)	
Emphasis Elective Requirements:			6 Credits
Complete 6 credits from the following or any CS 3000 or 4000 level course not already required. A minimum grade of C- is required in these courses.			6
	CS 3370	C plus plus Software Development (3)	

	CS 3540	Game Programming (3)	
	CS 3680	Mobile Device Programming (3)	
	CS 479R	Advanced Current Topics in Computer Science (1-3)	
	ECE 2700	Digital Design I (3)	
and	ECE 2705	Digital Design I Lab (1)	
	ECE 4780	Wireless and Mobile Communications (3)	
	IT 2700	Information Security Fundamentals (3)	
	IT 2800	Computer Forensic Fundamentals (3)	
	IT 3600	Internetworking and Router Management (3)	
	IT 3700	Ethical Hacking and Countermeasures (3)	
	MATH 1220	Calculus II (4)	
	MATH 2270	Linear Algebra (3)	

Graduation Requirements:

1. Completion of a minimum of 120 semester credits, with a minimum of 40 upper-division credits.
2. Overall grade point average of 2.0 or above. Must have a minimum grade of C- with a combined GPA of 2.5 or higher in all discipline core and emphasis requirements and the General Education requirements marked with a footnote.
3. Residency hours -- minimum of 30 credit hours through course attendance at UVU. 10 of these hours must be within the last 45 hours earned. At least 12 of the credit hours earned in residence must be in approved CSE Department courses.
4. All transfer credit must be approved in writing by UVU.
5. No more than 80 semester hours and no more than 20 hours in CS type courses of transfer credit from a two-year college.
6. No more than 30 semester hours may be earned through independent study and/or extension classes.
7. Successful completion of at least one Global/Intercultural course.

Footnote:

¹ Minimum grade required (see Graduation Requirements)

Computer Science

Computer Science - Computer Networking Emphasis, B.S.

Careers

1. Graduates are proficient in using data structures and algorithms.
2. Graduates understand the foundations of computer architecture.
3. Graduates are able to develop solutions to significant computing problems.
4. Graduates will have a thorough understanding of the theory and constructs of programming languages.
5. Graduates understand the theoretical foundations of computation.
6. Graduates understand the principles and components of operating systems.
7. Graduates have proficiency in the mathematical skills needed in computer science (viz. discrete mathematics, basic probability and statistics, basic differential and integral calculus)
8. Students understand the fundamentals of net-centric computing.

Related Careers

- Computer and Information Systems Managers
- Computer and Information Research Scientists
- Information Security Analysts
- Computer Programmers
- Software Developers, Applications
- Software Developers, Systems Software
- Web Developers
- Computer Network Support Specialists
- Computer Occupations, All Other
- Computer Science Teachers, Postsecondary

Computer Science - Computer Science Emphasis, B.S.

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Requirements

Computer Science spans the range from theory through programming to cutting-edge development of computing solutions. Computer Scientists master the theory and practice of computing, and explore new and exciting ways to use computers. Systems like Google and Amazon are created by computer scientists.

Total Program Credits: 120

Matriculation Requirements:			
<ol style="list-style-type: none"> 1. Completion of CS 1400, CS 1410, CS 2300, and CS 2420 with a grade of C+ or better. 2. Completion of MATH 1210 and ENGL 1010 with a grade of C or better. 3. Each of CS 1400, CS 1410, CS 2300, CS 2420, MATH 1210, and (ENGL 1010 or ENGL 1005) cannot be taken more than twice to obtain the required grade. 4. Overall GPA of 2.5 or higher. 			
General Education Requirements:			33 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGL 1005	Literacies and Composition Across Contexts CC (5)	

	ENGL 2010	Intermediate Academic Writing CC	3
	MATH 1210	Calculus I QL ¹	4
American Institutions: Complete one of the following:			3
	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	
	HIST 1700	American Civilization AS (3)	
	HIST 1740	US Economic History AS (3)	
	POLS 1000	American Heritage SS (3)	
	POLS 1100	American National Government AS (3)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
	HLTH 1100	Personal Health and Wellness TE (2)	2
or	EXSC 1097	Fitness for Life TE	
Distribution Courses:			
	COMM 1020	Public Speaking HH ¹	3
	COMM 2110	Interpersonal Communication SS ¹	3
Fine Arts Distribution (Choose from list)			3
Biology (Choose from list)			3
Physical Science (Choose from list)			3
Additional GE to be completed in the core.			
Discipline Core Requirements:			54 Credits
Complete one of the following additional GE course/lab combinations:			5
	BIOL 1610	College Biology I BB (4)	
and	BIOL 1615	College Biology I Laboratory (1)	
or	CHEM 1210	Principles of Chemistry I PP (4)	
and	CHEM 1215	Principles of Chemistry I Laboratory (1)	

or	PHYS 2020	College Physics II PP (4)	
and	PHYS 2025	College Physics II Lab (1)	
or	PHYS 2220	Physics for Scientists and Engineers II PP (4)	
and	PHYS 2225	Physics for Scientists and Engineers II Lab (1)	
or	GEO 1010	Introduction to Geology PP (3)	
and	GEO 1015	Introduction to Geology Laboratory (1)	
and	GEO 202R	Science Excursion (1)	
Minimum grade of C- required in these courses.			
	CS 1400	Fundamentals of Programming	3
	CS 1410	Object-Oriented Programming	3
	CS 2300	Discrete Mathematical Structures I	3
	CS 2370	C plus plus Programming WE	3
	CS 2420	Introduction to Algorithms and Data Structures	3
	CS 2550	Web Programming I	3
	CS 2600	Computer Networks I	3
	CS 2690	Computer Networks II	3
	CS 2810	Computer Organization and Architecture	3
	CS 305G	Global Social and Ethical Issues in Computing GI WE	3
	CS 3060	Operating Systems Theory	3
	CS 3100	Data Privacy and Security	3
	CS 3240	Discrete Mathematical Structures II	3
	CS 3320	Numerical Software Development	3
	CS 3520	Database Theory	3

	STAT 2050	Introduction to Statistical Methods	4
Emphasis Requirements:			24 Credits
Minimum grade of C- required in these courses.			
	CS 2450	Software Engineering	3
	CS 3250	Java Software Development	3
or	CS 3260	CsharpNET Software Development (3)	
or	CS 3270	Python Software Development (3)	
or	CS 3370	C Plus Plus Software Development (3)	
or	CS 3380	JavaScript Software Development (3)	
	CS 3310	Analysis of Algorithms	3
	CS 3450	Principles and Patterns of Software Design	3
	CS 4380	Advanced High-Performance Computer Architecture	3
	CS 4450	Analysis of Programming Languages	3
	CS 4470	Artificial Intelligence	3
	CS 4490	Compiler Construction	3
Emphasis Elective Requirements:			9 Credits
Complete 9 credits from the following: any CS 3000 or 4000 level course not already required. (Minimum grade of C- required in these courses.):			9

Graduation Requirements:

1. Completion of a minimum of 120 semester credits, with a minimum of 40 upper-division credits.
2. Overall grade point average of 2.0 or above. Must have a minimum grade of C- with a combined GPA of 2.5 or higher in all discipline core and emphasis requirements and the General Education requirements marked with a footnote..
3. Residency hours -- minimum of 30 credit hours through course attendance at UVU. 10 of these hours must be within the last 45 hours earned. At least 12 of the credit hours earned in residence must be in approved CSE Department courses.
4. All transfer credit must be approved in writing by UVU.
5. No more than 80 semester hours and no more than 20 hours in CS type courses of transfer credit from a two-year college.
6. No more than 30 semester hours may be earned through independent study and/or extension classes.

Computer Science

7. Successful completion of at least one Global/Intercultural course.

Footnote

¹ Minimum grade required (see Graduation Requirements)

Computer Science - Computer Science Emphasis, B.S.

Careers

1. Graduates are proficient in using data structures and algorithms.
2. Graduates understand the foundations of computer architecture.
3. Graduates are able to develop solutions to significant computing problems.
4. Graduates will have a thorough understanding of the theory and constructs of programming languages
5. Graduates understand the theoretical foundations of computation
6. Graduates understand the principles and components of operating systems.
7. Graduates have proficiency in the mathematical skills needed in computer science (viz. discrete mathematics, basic probability and statistics, basic differential and integral calculus)
8. Students understand the fundamentals of net-centric computing

Related Careers

- Computer and Information Systems Managers
- Computer and Information Research Scientists
- Information Security Analysts
- Computer Programmers
- Software Developers, Applications
- Software Developers, Systems Software
- Web Developers
- Computer Network Support Specialists
- Computer Occupations, All Other
- Computer Science Teachers, Postsecondary

Computer Science - Full Stack Web Development Emphasis, B.S.

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Requirements

Computer Science spans the range from theory through programming to cutting-edge development of computing solutions. Computer Scientists master the theory and practice of computing, and explore new and exciting ways to use computers. Systems like Google and Amazon are created by computer scientists.

Total Program Credits: 120

Matriculation Requirements:			
<ol style="list-style-type: none"> 1. Completion of CS 1400, CS 1410, CS 2300, and CS 2420 with a grade of C+ or better. 2. Completion of MATH 1210 and ENGL 1010 or ENGH 1005 with a grade of C or better. 3. Each of CS 1400, CS 1410, CS 2300, CS 2420, MATH 1210, and (ENGL 1010 or ENGH 1005) cannot be taken more than twice to obtain the required grade. 4. Overall GPA of 2.5 or higher. 			
General Education Requirements:			33 Credits
	ENGL 1010	Introduction to Academic Writing CC	3

or	ENGH 1005	Literacies and Composition Across Contexts CC (5)	
	ENGL 2010	Intermediate Academic Writing CC	3
	MATH 1210	Calculus I QL ¹	4
American Institutions: Complete one of the following:			3
	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	
	HIST 1700	American Civilization AS (3)	
	HIST 1740	US Economic History AS (3)	
	POLS 1000	American Heritage SS (3)	
	POLS 1100	American National Government AS (3)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
	HLTH 1100	Personal Health and Wellness TE (2)	
or	EXSC 1097	Fitness for Life TE	2
Distribution Courses:			
	COMM 1020	Public Speaking HH ¹	3
	COMM 2110	Interpersonal Communication SS ¹	3
	Fine Arts Distribution (Choose from list)		3
	Biology (Choose from list)		3
	Physical Science (Choose from list)		3
	Additional GE to be completed in the core.		
Discipline Core Requirements:			54 Credits
Complete one of the following additional GE course/lab combinations:			5
	BIOL 1610	College Biology I BB (4)	
and	BIOL 1615	College Biology I Laboratory (1)	
or	CHEM 1210	Principles of Chemistry I PP (4)	

and	CHEM 1215	Principles of Chemistry I Laboratory (1)	
or	PHYS 2020	College Physics II PP (4)	
and	PHYS 2025	College Physics II Lab (1)	
or	PHYS 2220	Physics for Scientists and Engineers II PP (4)	
and	PHYS 2225	Physics for Scientists and Engineers II Lab (1)	
or	GEO 1010	Introduction to Geology PP (3)	
and	GEO 1015	Introduction to Geology Laboratory (1)	
and	GEO 202R	Science Excursion (1)	
Minimum grade of C- required in these courses.			
	CS 1400	Fundamentals of Programming	3
	CS 1410	Object-Oriented Programming	3
	CS 2300	Discrete Mathematical Structures I	3
	CS 2370	C plus plus Programming WE	3
	CS 2420	Introduction to Algorithms and Data Structures	3
	CS 2550	Web Programming I	3
	CS 2600	Computer Networks I	3
	CS 2690	Computer Networks II	3
	CS 2810	Computer Organization and Architecture	3
	CS 305G	Global Social and Ethical Issues in Computing	3
	CS 3060	Operating Systems Theory	3
	CS 3100	Data Privacy and Security	3
	CS 3240	Discrete Mathematical Structures II	3

	CS 3320	Numerical Software Development	3
	CS 3520	Database Theory	3
	STAT 2050	Introduction to Statistical Methods	4
Emphasis Requirements:			33 Credits
Minimum grade of C- required in these courses.			
	CS 2450	Software Engineering	3
	CS 3250	Java Software Development	3
or	CS 3260	CsharpNET Software Development (3)	
or	CS 3370	C plus plus Software Development (3)	
	CS 3380	JavaScript Software Development	3
	CS 3410	Human Factors in Software Development	3
	CS 3660	Web Programming II	3
	CS 3680	Mobile Device Programming	3
	CS 4660	NoSQL Database Development	3
	CS 4690	Distributed Internet Application Development	3
	CS 4880	Cloud Computing	3
	CS 4900	Full Stack Web Senior Capstone	3
Complete 3 credits from any CS 3000 or 4000 level course not already required. (Minimum grade of C- required in these courses.)			3

Graduation Requirements:

1. Completion of a minimum of 120 semester credits, with a minimum of 40 upper-division credits.
2. Overall grade point average of 2.0 or above. Must have a minimum grade of C- with a combined GPA of 2.5 or higher in all discipline core and emphasis requirements and the General Education requirements marked with aa footnote..
3. Residency hours -- minimum of 30 credit hours through course attendance at UVU. 10 of these hours must be within the last 45 hours earned. At least 12 of the credit hours earned in residence must be in approved CSE Department courses.
4. All transfer credit must be approved in writing by UVU.
5. No more than 80 semester hours and no more than 20 hours in CS type courses of transfer credit from a two-year college.

Computer Science

- No more than 30 semester hours may be earned through independent study and/or extension classes.
- Successful completion of at least one Global/Intercultural course.

Footnote

¹ Minimum grade required (see Graduation Requirements)

Computer Science - Full Stack Web Development Emphasis, B.S.

Careers

- Design the architecture of full stack web systems.
- Develop full stack web applications that provide web services and consume web services.
- Develop web infrastructure for building web systems.
- Design data systems that support the special needs of web applications.

Related Careers

- Computer and Information Systems Managers
- Computer and Information Research Scientists
- Information Security Analysts
- Computer Programmers
- Software Developers, Applications
- Software Developers, Systems Software
- Web Developers
- Computer Network Support Specialists
- Computer Occupations, All Other
- Computer Science Teachers, Postsecondary

Computer Science - Secure Computing Emphasis, B.S.

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Requirements

The Bachelor of Science in Computer Science with Secure Computing emphasis is a degree to provide a solid foundation in secure computing and develop advanced skills to master the technical details to develop complex systems securely. It consists mainly of 36 credit hours of security-focused classes, 30 core computer science classes, plus several additional computer sciences elective courses to have the greatest practical applicability. The degree will highly qualify students to meet the high-demand workforce in the security domain.

Total Program Credits: 120

Matriculation Requirements:			
<ol style="list-style-type: none"> Completion of CS 1400, CS 1410, CS 2300, and CS 2420 with a grade of C+ better. Completion of MATH 1210 and ENGL 1010 or ENGH 1005 with a grade of C or better. Each of CS 1400, CS 1410, CS 2300, CS 2420, MATH 1210, and (ENGL 1010 or ENGH 1005) cannot be taken more than twice to obtain the required grade. Overall GPA of 2.5 or higher. 			
General Education Requirements:			33 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGH 1005	Literacies and Composition	

		Across Contexts CC (5)	
	ENGL 2010	Intermediate Academic Writing CC	3
	MATH 1210	Calculus I QL ¹	4
American Institutions: Complete one of the following:			3
	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	
	HIST 1700	American Civilization AS (3)	
	HIST 1740	US Economic History AS (3)	
	POLS 1000	American Heritage SS (3)	
	POLS 1100	American National Government AS (3)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
	HLTH 1100	Personal Health and Wellness AS (2)	
or	EXSC 1097	Fitness for Life AS	2
Distribution Courses:			
	COMM 1020	Public Speaking HH ¹	3
	COMM 2110	Interpersonal Communication SS ¹	3
	Fine Arts Distribution (Choose from list)		3
	Biology (Choose from list)		3
	Physical Science (Choose from list)		3
	Additional GE to be completed in the core.		
Discipline Core Requirements:			54 Credits
Complete one of the following additional GE course/ lab combinations:			5
	BIOL 1610	College Biology I BB (4)	
and	BIOL 1615	College Biology I Laboratory (1)	
or	CHEM 1210	Principles of Chemistry I PP (4)	

and	CHEM 1215	Principles of Chemistry I Laboratory (1)	
or	PHYS 2020	College Physics II PP (4)	
and	PHYS 2025	College Physics II Lab (1)	
or	PHYS 2220	Physics for Scientists and Engineers II PP (4)	
and	PHYS 2225	Physics for Scientists and Engineers II Lab (1)	
or	GEO 1010	Introduction to Geology PP (3)	
and	GEO 1015	Introduction to Geology Laboratory (1)	
and	GEO 202R	Science Excursion (1)	
Minimum grade of C- required in these courses.			
	CS 1400	Fundamentals of Programming	3
	CS 1410	Object-Oriented Programming	3
	CS 2300	Discrete Mathematical Structures I	3
	CS 2370	C plus plus Programming WE	3
	CS 2420	Introduction to Algorithms and Data Structures	3
	CS 2550	Web Programming I	3
	CS 2600	Computer Networks I	3
	CS 2690	Computer Networks II	3
	CS 2810	Computer Organization and Architecture	3
	CS 305G	Global Social and Ethical Issues in Computing GI WE	3
	CS 3060	Operating Systems Theory	3
	CS 3100	Data Privacy and Security	3
	CS 3240	Discrete Mathematical Structures II	3

	CS 3320	Numerical Software Development	3
	CS 3520	Database Theory	3
	STAT 2050	Introduction to Statistical Methods	4
Emphasis Requirements:			33 Credits
	CS 2450	Software Engineering	3
Complete one of the following:			3
	CS 3250	Java Software Development (3)	
or	CS 3260	CsharpNET Software Development (3)	
or	CS 3270	Python Software Development (3)	
or	CS 3370	C Plus Plus Software Development (3)	
or	CS 3380	JavaScript Software Development (3)	
Complete the following:			
	IT 3510	Advanced System Administration--Linux/UNIX	3
	CS 3110	Applied Cryptography	3
	CS 3120	Ethical Hacking Tools Dev	3
	CS 3140	Network and Cloud Security	3
or	INFO 4425	Web and Application Security	
	CS 4120	Security Vulnerability Analysis	3
or	IT 3750	Malware Reverse Engineering	
	CS 4200	Secure Computing Capstone	3
Complete 12 credits from any CS 3000 or 4000 level course not already required. (Minimum grade of C- required in these courses.)			12

Graduation Requirements:

Computer Science

1. Completion of a minimum of 120 semester credits, with a minimum of 40 upper-division credits.
2. Overall grade point average of 2.0 or above. Must have a minimum grade of C- with a combined GPA of 2.5 or higher in all discipline core and emphasis requirements and the General Education requirements marked with a footnote.
3. Residency hours -- minimum of 30 credit hours through course attendance at UVU. 10 of these hours must be within the last 45 hours earned. At least 12 of the credit hours earned in residence must be in approved CSE Department courses.
4. All transfer credit must be approved in writing by UVU.
5. No more than 80 semester hours and no more than 20 hours in CS type courses of transfer credit from a two-year college.
6. No more than 30 semester hours may be earned through independent study and/or extension classes.
7. Successful completion of at least one Global/Intercultural course.

Footnote:

¹ Minimum grade required (see Graduation Requirements)

Computer Science - Secure Computing Emphasis, B.S. Careers

1. Analyze a complex computing problem and apply principles of computing and other relevant disciplines to identify solutions.
2. Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of the program's discipline.
3. Communicate effectively in a variety of professional contexts.
4. Recognize professional responsibilities and make informed judgements in computing practice based on legal and ethical principles.
5. Function effectively as a member or leader of a team engaged in activities appropriate to the program's discipline.
6. Apply security principles and practices to maintain operations in the presence of risks and threats.

Related Careers

- Computer and Information Systems Managers
- Computer and Information Research Scientists
- Information Security Analysts
- Computer Programmers
- Software Developers, Applications
- Software Developers, Systems Software
- Web Developers
- Computer Network Support Specialists
- Computer Occupations, All Other
- Computer Science Teachers, Postsecondary

Computer Science Education, B.S.

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Requirements

The Bachelor of Science in Somputer Science Education provides a solid foundation of software and web development skills specifically for secondary educators. It consists of computer science and web development classes as well as education courses necessary to obtain a Utah teaching license with endorsements in Computer Science and Web Development.

Total Program Credits: 120

Matriculation Requirements:

1. Pass MATH 1050 and ENGL 1010 with a grade of "C" or better.

2. Pass CS 1400, CS 1410, CS 2300, and CS 2420 with a grade of "C+" or better.
3. GPA of 3.0 or higher with no grade lower than a C in content area courses.
4. Completion of all General Education requirements and 70% of content area courses.
5. Pass LiveScan Criminal Background Check.
6. ENGL 2010 and MATH QL courses must have a grade C or higher.

General Education Requirements:			36 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGH 1005	Literacies and Composition Across Contexts CC (5)	
	ENGL 2010	Intermediate Academic Writing CC	3
	MATH 1050	College Algebra QL	4
or	MATH 1055	College Algebra with Preliminaries QL	
American Institutions: Complete one of the following:			3
	HIST 1700	American Civilization AS (3)	
	HIST 1740	US Economic History AS (3)	
	POLS 1000	American Heritage SS (3)	
	POLS 1100	American National Government AS (3)	
	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
	HLTH 1100	Personal Health and Wellness TE (2)	2
or	EXSC 1097	Fitness for Life TE	
Distribution Courses:			
	Biology		3
	Physical Science		3
	Additional Biology or Physical Science		3
	Humanities Distribution		3
	Fine Arts Distribution		3
	Social/Behavioral Science		3

Discipline Requirements:			84 Credits
	CS 1400	Fundamentals of Programming	3
	CS 1410	Object-Oriented Programming	3
	CS 2300	Discrete Mathematical Structures I	3
	CS 2370	C Plus Plus Programming WE	3
	CS 2420	Introduction to Algorithms and Data Structures	3
	CS 2450	Software Engineering	3
	CS 2550	Web Programming I	3
	CS 2600	Computer Networks I	3
or	IT 2600	Data Communication Fundamentals	
	CS 2810	Computer Organization and Architecture	3
	CS 305G	Global Social and Ethical Issues in Computing GI WE	3
or	INFO 405G	Global Ethical and Professional Perspectives in IS and IT GI WE	3
	CS 3100	Data Privacy and Security	3
	CS 3450	Principles and Patterns of Software Design	3
	CS 3250	Java Software Development	3
or	CS 3260	CsharpNET Software Development	
or	CS 3270	Python Software Development	
or	CS 3370	C Plus Plus Software Development	
or	CS 3380	JavaScript Software Development	
	DGM 1110	Digital Media Essentials I	4
	DWDD 1400	Digital Design Essentials	3
	DWDD 1600	Web Essentials	3

Education Methods Component			
	EDSC 1010	Introduction to Education	2
	EDSP 340G	Exceptional Students GI	2
	EDSC 3000	Educational Psychology	3
	EDSC 325G	Equitable Technology Integration GI	2
	EDSC 4200	Classroom Management I	2
	EDSC 4250	Classroom Management II	2
	EDSC 4440	Content Area Literacies	3
	EDSC 445G	Multicultural Instruction ESL GI	3
	EDSC 455G	Secondary Curriculum Instruction and Assessment GI	3
	EDSC 4850	Student Teaching Secondary	8
	EDSC 4990	Teacher Performance Assessment Project WE	2
	BMED 4300	Methods of Teaching Computer Science	3

Graduation Requirements:

1. Completion of a minimum of 120 semester credits, with a minimum of 40 upper-division credits.
2. Overall grade point average of 2.0 or above. Must have a minimum grade of C- with a combined GPA of 2.5 or higher in all discipline core and emphasis.
3. Residency hours -- minimum of 30 credit hours through course attendance at UVU. 10 of these hours must be within the last 45 hours earned. At least 12 of the credit hours earned in residence must be in approved CSE Department courses.
4. All transfer credit must be approved in writing by UVU.
5. No more than 80 semester hours and no more than 20 hours in CS type courses of transfer credit from a two-year college.
6. No more than 30 semester hours may be earned through independent study and/or extension classes.
7. Successful completion of at least one Global/Intercultural course.
8. Successful completion of at least two Writing Enriched (WE) courses.

**Computer Science Education, B.S.
Careers**

1. Apply principles of computing and other relevant disciplines to identify solutions.
2. Design, implement, and evaluate a computing-based solution to meet a set of computing requirements.
3. Apply pedagogical theories to facilitate learning in the field of computer science and web programming.

Computer Science

4. Demonstrate how to teach computer science and web programming in the secondary education system.
5. Evaluate student computer programming performance.

Software Development, B.A.S.

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Requirements

The Bachelor of Applied Science in Software Development is a degree to provide a solid foundation of software development skills. It consists mainly of 45 credit hours of computer science classes: the core computer science classes, plus several additional computer science courses selected so as to have greatest practical applicability. The degree will qualify students for mid-level programming jobs with good long-term prospects but not necessarily technical leadership roles.

Total Program Credits: 120

Matriculation Requirements:			
1. Completion of CS 1400, CS 1410, CS 2300, and CS 2420 with a grade of C+ better.			
2. Completion of MATH 1050 and ENGL 1010 with a grade of C or better.			
3. Overall GPA of 2.5 or higher.			
General Education Requirements:			36 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGL 1005	Literacies and Composition Across Contexts CC (5)	
	ENGL 2010	Intermediate Academic Writing CC	3
	MATH 1050	College Algebra QL	4
or	MATH 1055	College Algebra with Preliminaries QL (5)	5
American Institutions, complete one of the following:			3
	HIST 1700	American Civilization AS (3)	
	HIST 1740	US Economic History AS (3)	
	POLS 1000	American Heritage SS (3)	
	POLS 1100	American National Government AS (3)	
	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	
Complete the following:			

	PHIL 2050	Ethics and Values IH	3
	HLTH 1100	Personal Health and Wellness TE	2
or	EXSC 1097	Fitness for Life TE (2)	
Distribution Requirements:			
Biology			3
Physical Science			3
Additional Biology or Physical Science			3
Humanities Distribution			3
Fine Arts Distribution			3
Social/Behavioral Science			3
Discipline Core Requirements:			51 Credits
	CS 1400	Fundamentals of Programming	3
	CS 1410	Object-Oriented Programming	3
	CS 2300	Discrete Mathematical Structures I	3
	CS 2370	C plus plus Programming WE	3
	CS 2420	Introduction to Algorithms and Data Structures	3
	CS 2450	Software Engineering	3
	CS 2550	Web Programming I	3
	CS 2600	Computer Networks I	3
	CS 2810	Computer Organization and Architecture	3
	CS 305G	Global Social and Ethical Issues in Computing GI WE	3
	CS 3060	Operating Systems Theory	3
	CS 3450	Principles and Patterns of Software Design	3
	CS 3520	Database Theory	3
	CS 3660	Web Programming II	3
	CS 3250	Java Software Development	3
or	CS 3260	CsharpNET Software	

		Development (3)	
or	CS 3270	Python Software Development (3)	
or	CS 3370	C Plus Plus Software Development (3)	
or	CS 3380	JavaScript Software Development (3)	
Complete one of the following:			3
	CS 3410	Human Factors in Software Development (3)	
	CS 3680	Mobile Device Programming (3)	
	CS 481R	Internship (3)	
	One additional 3000-level CS Class not already taken		3
Extra-Major Specialization:			
	Courses in a single major other than Computer Science or Software Engineering. At least 16 credit hours must be upper division		33

Graduation Requirements:

1. Completion of a minimum of 120 semester credits, with a minimum of 40 upper-division credits.
2. Overall grade point average of 2.0 or above. Must have a minimum grade of C- with a combined GPA of 2.5 or higher in all discipline requirements.
3. Residency hours -- minimum of 30 credit hours through course attendance at UVU. Ten of these hours must be within the last 45 hours earned. At least 12 of the credit hours earned in residence must be in approved Computer Science Department courses.
4. No more than 80 semester hours and no more than 20 hours of transfer credit from a two-year college may be applied to the core or elective courses.
5. No more than 30 semester hours may be earned through independent study.
6. Successful completion of at least one Global/Intercultural course.

Software Development, B.A.S.**Careers**

1. Design a software-based solution to meet a given set of requirements.
2. Implement a software-based solution to meet a given set of requirements
3. Communicate effectively in a variety of professional contexts.
4. Function effectively as a member of a team engaged in software development.

Related Careers

- Computer Programmers
- Software Developers, Applications
- Software Developers, Systems Software
- Web Developers
- Computer Network Support Specialists
- Computer Science Teachers, Postsecondary

Software Engineering, B.S.

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Requirements

Software Engineers design and develop large software systems. In addition, they may lead teams of software developers or quality assurance engineers. They also work with users and customers to understand their needs. Software systems we take for granted, such as Microsoft Office, are implemented by software engineers. Software engineers employ innovative software development approaches, such as Agile software development, to effectively manage software development projects.

Total Program Credits: 120

Matriculation Requirements:			
<ol style="list-style-type: none"> 1. Completion of CS 1400, CS 1410, CS 2300, and CS 2420 with a grade of C+ better. 2. Completion of MATH 1210 and (ENGL 1010 or ENGH 1005) with a grade of C or better. 3. Each of CS 1400, CS 1410, CS 2300, CS 2420, MATH 1210, and (ENGL ENGL 1010 or ENGH 1005) cannot be taken more than twice to obtain the required grade. 4. Overall GPA of 2.5 or higher. 			
General Education Requirements:			41 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGH 1005	Literacies and Composition Across Contexts CC (5)	
	ENGL 2010	Intermediate Academic Writing CC	3
	MATH 1210	Calculus I QL ¹	4
	STAT 2050	Introduction to Statistical Methods	4
American Institutions, complete one of the following:			3
	HIST 1740	US Economic History AS (3)	
	HIST 1700	American Civilization AS (3)	
	POLS 1000	American Heritage SS (3)	
	POLS 1100	American National Government AS (3)	
	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3

Computer Science

	HLTH 1100	Personal Health and Wellness TE	2
or	EXSC 1097	Fitness for Life TE (2)	
Distribution Requirements:			
	PHYS 2210	Physics for Scientists and Engineers I PP (4)	5
and	PHYS 2215	Physics for Scientists and Engineers I Lab (1)	
Biology			3
Complete one of the following additional GE course/lab combinations:			5
	BIOL 1610	College Biology I BB (4)	
and	BIOL 1615	College Biology I Laboratory (1)	
	CHEM 1210	Principles of Chemistry I PP (4)	
and	CHEM 1215	Principles of Chemistry I Laboratory (1)	
	PHYS 2020	College Physics II PP (4)	
and	PHYS 2025	College Physics II Lab (1)	
	PHYS 2220	Physics for Scientists and Engineers II PP (4)	
and	PHYS 2225	Physics for Scientists and Engineers II Lab (1)	
	GEO 1010	Introduction to Geology PP (3)	
and	GEO 1015	Introduction to Geology Laboratory (1)	
and	GEO 202R	Science Excursion (1)	
Fine Arts			3
	COMM 1020	Public Speaking HH ¹	3
	COMM 2110	Interpersonal Communication SS ¹	3
Discipline Core Requirements:			67 Credits
	CS 1400	Fundamentals of Programming	3
	CS 1410	Object-Oriented Programming	3

	CS 2300	Discrete Mathematical Structures I	3
	CS 2370	C plus plus Programming WE	3
	CS 2810	Computer Organization and Architecture	3
	CS 2420	Introduction to Algorithms and Data Structures	3
	CS 2450	Software Engineering	3
	CS 2600	Computer Networks I	3
	CS 2690	Computer Networks II	3
	CS 305G	Global Social and Ethical Issues in Computing GI WE	3
	CS 3060	Operating Systems Theory	3
	CS 3100	Data Privacy and Security	3
	CS 3240	Discrete Mathematical Structures II	3
	CS 3320	Numerical Software Development	3
Complete one of the following:			3
	CS 3250	Java Software Development (3)	
or	CS 3370	C Plus Plus Software Development (3)	
or	CS 3260	CsharpNET Software Development (3)	
or	CS 3270	Python Software Development (3)	
or	CS 3380	JavaScript Software Development (3)	
Complete the following:			
	CS 3450	Principles and Patterns of Software Design	3
	CS 3410	Human Factors in Software Development	3
	CS 3520	Database Theory	3

	CS 4230	Software Testing and Quality Engineering	3
	CS 4400	Software Engineering II	3
	CS 4450	Analysis of Programming Languages	3
	CS 4550	Software Engineering III	3
	CS 496R	Senior Seminar	1
Elective Requirements:			9 Credits
Complete 9 credits from the following:			9
	Any CS course numbered 3000 or higher not already required.		

Graduation Requirements:

1. Completion of a minimum of 120 semester credits, with a minimum of 40 upper-division credits.
2. Overall grade point average of 2.0 or above. Must have a minimum grade of C- with a combined GPA of 2.5 or higher in all discipline core and elective requirements and the General Education requirements marked with a footnote 1.
3. Residency hours -- minimum of 30 credit hours through course attendance at UVU. Ten of these hours must be within the last 45 hours earned. At least 12 of the credit hours earned in residence must be in approved CSE Department courses.
4. No more than 80 semester hours and no more than 20 hours of transfer credit from a two-year college may be applied to the core or elective courses.
5. No more than 6 semester hours may be earned through independent study.
6. Successful completion of at least one Global/Intercultural course.

Footnotes: ¹ Minimum grade of C- required.

Software Engineering, B.S.**Careers**

1. Graduates are proficient in using data structures and algorithms. They understand how to implement them, when to apply them, and the abstractions associated with their use.
2. Graduates understand the foundations of computer architecture.
3. Graduates are able to develop solutions to significant software development problems.
4. Graduates will be able to provide internal and external software documentation.
5. Graduates are able to function effectively on teams to accomplish a common goal.
6. Graduates understand software project lifecycles and development processes, and can follow standard processes.
7. Graduates can elicit and write software specifications.
8. Graduates understand principles of software quality assurance and testing, and can test software effectively.

Related Careers

- Architectural and Engineering Managers
- Software Developers, Applications
- Software Developers, Systems Software
- Engineering Teachers, Postsecondary

Computer Science Graduate Programs

Degrees & Programs

Artificial Intelligence, Graduate Certificate

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Requirements

The Graduate Certificate in Artificial Intelligence provides fundamental and advanced skills in the principles, algorithms and technologies that enable AI and cybersecurity.

Total Program Credits: 18

Matriculation Requirements:			
<ol style="list-style-type: none"> 1. Application for admission to the graduate program with application fee by the established deadline. 2. Submit official transcripts from all universities attended. 3. A bachelor's degree from a regionally accredited college/ university or the international equivalent. 4. A 3.0 cumulative undergraduate GPA or a 3.0 GPA calculated on the last 60 semester hours (90 quarter hours) of undergraduate work. 5. Completion of Introduction to Algorithms and Data Structures (CS 2420 or the equivalent). 6. For international students whose native language is not English, submit official TOEFL or IELTS band scores. A TOEFL score of 80 iBT (550 pBT) or higher, or an IELTS band score of 6.5 or higher within the past two years is required. 7. International students must also meet all US government requirements for international students. 8. The university uses a selective admissions process for admitting students to graduate programs. Meeting minimum admissions criteria does not guarantee admission to the graduate program or to the University as a graduate student. 9. Recommended courses to take before the program begins are Linear Algebra (MAT 2270 or equivalent) and Statistics & Probability (STAT 2050 or equivalent). 			
Discipline Core Requirements:			12 Credits
	CS 6150	Advanced Algorithms	3
	CS 6200	Cyberphysical Security	3
	CS 6460	Artificial Intelligence	3
	CS 6470	Machine Learning	3
Elective Requirements:			12 Credits
Pick two of the following courses or other approved departmental electives:			6
	CS 6100	Database Management System Construction (3)	
	CS 6300	Software Engineering Leadership (3)	

	CS 6400	Modern Databases (3)	
	CS 6480	Deep Learning (3)	
	CS 6500	Software Architecture (3)	
	CS 6620	Advanced Data Mining and Visualization (3)	
	CS 6510	Design and Simulation of Operating Systems (3)	
	CS 6730	Advanced Embedded Systems Engineering (3)	
	CS 6800	Computer Graphics and Mixed Realities (3)	

Graduation Requirements:

1. Completion of all courses with a B- or better.
2. Overall average GPA for 18 hours of 3.0 or higher.
3. A maximum of 6 credit hours transferred from another institution may be used to satisfy graduate requirements. At least two-thirds of the courses applied to the graduate certificate must be taken at UVU.

Artificial Intelligence, Graduate Certificate Careers

1. Apply principles and techniques of AI and Machine Learning to solve problems.
2. Apply security principles and practices to maintain operations in the presence of risks and threats.

Master of Computer Science, M.C.S.

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Requirements

The Master of Computer Science (MCS) at Utah Valley University is an applied graduate program resulting in a professional degree. Students graduating with this degree will have a broad grounding in computer science as a discipline and be well equipped to take on leadership roles in a wide range of computing technology-related industries. Student education will be focused on developing software systems using current technologies while allowing them the freedom to explore and exploit new technologies to solve real-world problems. Students will be required to develop a broad base of competency by passing required courses in large scale implementation, applied mathematics computing, information management, and software engineering. Electives will allow a student to continue to add breadth to their education or allow them to focus on specific areas of computer science they find interesting or feel will best advance their professional objectives.

Total Program Credits: 30

Matriculation Requirements:	
<ol style="list-style-type: none"> 1. Application for admission to the MCS will include letters of recommendation and a statement of purpose. 	

2. Applicants must have an overall grade point average in their undergraduate work of 3.0 or higher on a 4.0 scale.

3 For international students whose native language is not English, a TOEFL score of 80 iBT (550 pBT) or higher, or an IELTS band score of 6.5 or higher within the past two years, is required.

4. Applicants with a bachelor's degree in a computer-related field (Computer Science, Computer Engineering, Software Engineering, or a closely related field) who have completed the following courses (or equivalent courses from other institutions) with a C+ or better will be deemed to have the fundamental computer science background to enter the program:

- CS 2300 Discrete Structures I
- CS 2420 Introduction to Algorithms and Data Structures
- CS 2810 Computer Organization and Architecture
- CS 3060 Operating Systems Theory
- MATH 1210 Calculus I

5. Applicants without a bachelor's degree in a computer-related field or who have not completed the above courses with a C+ will be deemed lacking in fundamental computer science background to enter the program.

6. Applicants found lacking in fundamental computer science background can be conditionally admitted to the MCS. Conditionally admitted students will have an individualized MCS Leveling Plan (MCS LP) developed for them by the Computer Science Graduate Committee. Once the MCS LP has been met by the applicant, the applicant will be deemed to have the fundamental computer science background to enter the program. Graduate policy precludes conditionally admitted students from taking 6000 level courses.

7. All applicants will be subject to the approval of the Computer Science Graduate Committee.

Discipline Core Requirements:			18 Credits
	CS 6150	Advanced Algorithms	3
	CS 6300	Software Engineering Leadership	3
	CS 6470	Machine Learning	3
	CS 6500	Software Architecture	3
	CS 6510	Design and Simulation of Operating Systems	3
	CS 6700	Advanced Mathematics for Computer Science	3
Elective Requirements:			12 Credits
Pick 4 courses, or other departmental approved electives to complete either the Graduate Project or Graduate Coursework Option:			12
	CS 6100	Database Management System Construction (3)	
	CS 6400	Modern Databases (3)	

	CS 6480	Deep Learning (3)	
	CS 6600	Graduate Project I (3)	
	CS 6610	Graduate Project II (3)	
	CS 6620	Advanced Data Mining and Visualization (3)	
	CS 6730	Advanced Embedded Systems Engineering (3)	
	CS 6800	Computer Graphics and Mixed Realities (3)	

Graduation Requirements:

1. Completion of all courses with a grade of B- or better.
2. Graduate Project Option:
 - a. Graduate project proposal presented to and accepted by the student's Advisory Committee.
 - b. Completion and defense of graduate project (CS 6600 and CS 6610); defense must be accepted by the student's Advisory Committee.
 - c. Completion of all required courses and elective courses for a total of 30 credit hours with an average GPA of 3.0 or higher.
3. Graduate Coursework Option:
 - a. Completion of all required courses and elective courses (CS 6600 and CS 6610 do not count toward this option) for a total of 30 credit hours with an average GPA of 3.0 or higher.
4. No transfer credit can be used to satisfy graduation requirements.

Master of Computer Science, M.C.S.

Careers

1. Design of large-scale software systems: To meet this standard, students demonstrate knowledge of common software architectural styles, interaction of design and quality, design tradeoffs, and the role of technology in software design.
2. Implementation of large-scale systems: To meet this standard, students demonstrate the ability to write large programs, integrate software modules built over multiple releases, and devise unit and systems tests to ensure the quality of the system.
3. Professional maturity: To meet this standard, students must demonstrate the ability to understand all phases of software lifecycle, take a significant project from conception through delivery without excessive supervision, be able to communicate technical concepts and problems in a coherent and professional manner, and meet deadlines.
4. Broad base of competency: To meet this standard, students must demonstrate a breadth of knowledge that spans multiple functional domains of computer science. This breadth of knowledge must be deep enough that a student can apply their problem-solving skills to multiple domains or use multiple domains to solve a single problem.

Related Careers

- Computer and Information Systems Managers
- Computer and Information Research Scientists
- Information Security Analysts

Computer Science Graduate Programs

- Computer Programmers
- Software Developers, Applications
- Software Developers, Systems Software
- Web Developers
- Computer Network Support Specialists
- Computer Occupations, All Other
- Computer Science Teachers, Postsecondary

Construction Technologies

DEPARTMENT CHAIR

WARCUP, Robert *Professor*

FACULTY

ADAMS, Kenneth *Assistant Professor*

BAIRD, Kellan *Associate Professor*

COX, James *Associate Professor*

ERDMANN, DeWayne *Associate Professor*

HALLSTED, Barry *Associate Professor*

LINFIELD, J. Eric *Associate Professor*

SHELLENBERG, Justin H. *Assistant Professor*

WARCUP, Robert *Professor*

Degrees & Programs

Cabinetry and Architectural Woodwork, A.A.S.

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Requirements

Students may receive a One-Year Certificate, a Diploma, an Associate in Applied Science degree, an Associate in Science degree, or a Bachelor of Science Degree in Technology Management.

Total Program Credits: 63

General Education Requirements:		16 Credits
ENGLISH		
	ENGL 1010 Introduction to Academic Writing CC	3
or	ENGL 1005 Literacies and Composition Across Contexts CC (5)	
MATHEMATICS		3
	MAT 1010 Intermediate Algebra (4)	
or	ACC 1150 Fundamentals of Business Math (3)	
or	EGDT 1600 Technical Math--Algebra (3)	
HUMANITIES/FINE ARTS/FOREIGN LANGUAGE		
	Any approved Humanities, Fine Arts, or Foreign Language Distribution Course	3
SOCIAL AND BEHAVIORAL SCIENCE		
	Any approved Social or Behavioral Science Distribution course	3
BIOLOGY OR PHYSICAL SCIENCE		
	Any approved Biology or Physical Science Distribution Course	3
PHYSICAL EDUCATION/HEALTH/SAFETY OR ENVIRONMENT		
	Any approved Physical Education, Health, Safety or Environment Course	1
Discipline Core Requirements:		47 Credits
	CAW 140R Millwork Technology (4) 1	16
	CAW 1130 Residential Cabinetry	4

CAW 1150	Design Drafting and Billing	3
CAW 1170	Finish Technology	2
CAW 1210	Cabinetmaking Materials and Hardware	1
CAW 1250	Drafting and Computer Applications for Cabinetmakers	4
CAW 299R	Skills USA	1
CAW 2250	Computer Aided Manufacturing for Woodworking	4
CAW 2300	Counter-top Technology	3
CAW 2430	Commercial Cabinetry Technology	4
CAW 2450	Machine Maintenance and Upkeep	2
EGDT 1040	Fundamentals of Technical Engineering Drawing	3

Graduation Requirements:

1. Completion of a minimum of 63 semester credits.
2. Overall grade point average of 2.0 (C) or above.
3. Residency hours--minimum of 20 credit hours through course attendance at UVU.
4. Completion of GE and specified departmental requirements.
5. Complete all core requirements with a minimum grade of "C-" or better.

Cabinetry and Architectural Woodwork, A.A.S.

Careers

1. Graduates of this program will be able to design, plan, and execute a complex woodworking project
2. Graduates will be able to obtain employment (employer or self) in the industry
3. Graduates of this program will be accepted into a related bachelor degree program or advanced trade program

Related Careers

- Cabinetmakers and Bench Carpenters
- Model Makers, Wood
- Patternmakers, Wood
- Sawing Machine Setters, Operators, and Tenders, Wood
- Woodworking Machine Setters, Operators, and Tenders, Except Sawing
- Woodworkers, All Other

Cabinetry and Architectural Woodwork, A.S.

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Requirements

Students may receive a One-Year Certificate, a Diploma, an Associate in Applied Science degree, an Associate in Science degree, or a Bachelor of Science Degree in Technology Management.

Total Program Credits: 63

General Education Requirements:		35 Credits
	ENGL 1010 Introduction to Academic Writing CC	3
or	ENGL 1005 Literacies and Composition Across Context CC (5.0)	
	ENGL 2010 Intermediate Academic Writing CC	3

Construction Technologies

Complete one of the following:		3
MAT 1030	Quantitative Reasoning QL (3.0)	
MAT 1035	Quantitative Reasoning with Integrated Algebra QL (6.0)	
STAT 1040	Introduction to Statistics QL (3.0)	
STAT 1045	Introduction to Statistics with Algebra QL (5.0)	
MATH 1050	College Algebra QL (4.0)	
MATH 1055	College Algebra with Preliminaries QL (5.0)	
MATH 1090	College Algebra for Business QL (3.0)	
Complete one of the following:		3
HIST 2700	US History to 1877 AS (3.0)	
and HIST 2710	US History since 1877 AS (3.0)	
HIST 1700	American Civilization AS (3.0)	
HIST 1740	US Economic History AS (3.0)	
POLS 1000	American Heritage SS (3.0)	
POLS 1100	American National Government AS (3.0)	
Complete the following:		
PHIL 2050	Ethics and Values IH	3
HLTH 1100	Personal Health and Wellness TE (2.0)	
or EXSC 1097	Fitness for Life TE	2
Distribution Courses		
Biology		3
Physical Science		3
Additional Biology or Physical Science		3
Humanities Distribution		3
Fine Arts Distribution		3
Social/Behavioral Science		3
Discipline Core Requirements:		28 Credits
Choose from CAW courses 1000 level or higher		11
CAW 140R	Millwork Technology (4.0)	12
CAW 1150	Design Drafting and Billing	3
CAW 1170	Finish Technology	2

Graduation Requirements:

1. Completion of a minimum of 63 semester credits
2. Overall grade point average of 2.0 (C) or above.
3. Residency hours--minimum of 20 credit hours through course attendance at UVU.
4. Completion of GE and specified departmental requirements.

Cabinetry and Architectural Woodwork, A.S. Careers

1. Graduates of this program will be able to design, plan, and execute a complex woodworking project
2. Graduates will be able to obtain employment (employer or self) in the industry
3. Graduates of this program will be accepted into a related bachelor degree program or advanced trade program

Related Careers

- Cabinetmakers and Bench Carpenters
- Model Makers, Wood
- Patternmakers, Wood
- Sawing Machine Setters, Operators, and Tenders, Wood
- Woodworking Machine Setters, Operators, and Tenders, Except Sawing
- Woodworkers, All Other

Construction Management, A.A.S.

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Requirements

Students may earn an Associate in Applied Science degree. The Clyde Institute of Construction Management Program has been designed to provide students a strong foundation in Construction Management that prepares them for jobs in construction site supervision and/or for advancement on to a BS degree in Construction Management. The program provides courses in building construction, construction management and construction science that apply to all segments of the construction industry with an emphasis on heavy civil and commercial construction. Students will learn about construction materials and methods through the use of readings, 3-D models, hands-on laboratory exercises, and site visits. Construction management courses in estimating and scheduling are also provided along with a strong background in mathematics, computer technology, business and other general education subjects. A supervisory course is also required so students can learn to manage workers at construction sites.

Total Program Credits: 63

General Education Requirements:		24 Credits
ENGL 1010	Introduction to Academic Writing CC	3
or ENGL 1005	Literacies and Composition Across Contexts CC (5)	
ENGL 2010	Intermediate Academic Writing CC	3
Choose one of the following		3
MAT 1030	Quantitative Reasoning QL (3)	
MAT 1035	Quantitative Reasoning with Integrated Algebra QL (6)	
STAT 1040	Introduction to Statistics QL (3)	
STAT 1045	Introduction to Statistics with Algebra QL (3)	
MATH 1050	College Algebra QL (4)	
MATH 1055	College Algebra with Preliminaries QL (5)	
MATH 1090	College Algebra for Business QL	
Fine Arts or Humanities Distribution ^{1, 2}		3
Humanities Distribution ^{1, 3}		3
Social Sciences Distribution ^{1, 4}		3
Physical Science Distribution ^{1, 4}		3
Third Science Distribution ^{1, 6}		3
Discipline Core Requirements:		39 Credits
EGDT 1400	Surveying Applications and Field Techniques I	3

	EGDT 1600	Technical Math Algebra	3
	EGDT 1610	Technical Math Geometry Trig	3
	CMGT 1010	Introduction to Construction Management WE	3
	CMGT 1020	Construction Materials and Methods I	3
	CMGT 1150	Construction Safety	2
Choose one of the following:			3
	CMGT 1190	Concrete and Framing Lab (3)	
	CMGT 1220	Finishing Lab (3)	
	CMGT 281R	Internship (1-6)	
	CMGT 2010	Construction Materials and Methods II	3
	CMGT 2035	Construction Computer Applications (Recommended)	3
or	IM 2010	Business Computer Proficiency (3)	
	CMGT 2060	Construction Job Site Management	3
	CMGT 2080	Principles of Construction Scheduling	3
	CMGT 289R	Construction Industry Seminar (Must be taken twice for a total of one credit.)	1
Complete 6 credits from the following two specializations:			6
Heavy/Civil			
	EGDT 2400	Surveying Applications and Field Techniques II (3)	
	EGDT 1040	Fundamentals of Technical Engineering Drawing (3)	
Commercial/Residential			
	BIT 1010	Building Codes (3)	
or	BIT 1020	Residential Codes (3)	
	EGDT 1020	3D Architectural Modeling (3)	

Graduation Requirements:

1. Completion of a minimum of 63 semester credits.
2. Overall grade point average of 2.0 (C) or above.
3. Residency hours -- minimum of 20 credit hours through course attendance at UVU.
4. Complete all core requirements with a minimum grade of C - or better.

Footnote:

¹ See catalog for approved listings

² Highly recommended: EGDT 1720 Architectural Rendering FF

³ Recommended: COMM 1020 Public Speaking HH

⁴ Recommended COMM 2110 Interpersonal Communication SS or FIN 1060 Personal Finance SS

⁵ Recommended: PHYS 1010 Elementary Physics PP or PHSC 1000 Survey of Physical Science PP or ENVT 1110 Introduction to Environment Management PP

⁶ Recommended: GEO 1010 Introduction to Geology PP or ENVT 1110 Introduction to Environmental Management PP

Construction Management, A.A.S.**Careers**

1. Recognition of the need for health and safety, accident prevention, and regulatory compliance.
2. An understanding of materials, labor and methods of construction.
3. An ability to identify and analyze project delivery methods.
4. An ability to use and apply verbal and written business and communication skills.

Related Careers

- Construction Managers

Facilities Management, A.A.S.

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Requirements

The Facilities Management associate's degree is designed to prepare graduates to manage physical facilities such as resorts, health care centers, government facilities, recreational complexes, schools, industrial plants, and apartment buildings. This requires a thorough understanding on construction concepts such as estimating and bidding, scheduling, building codes, materials and assembly methods, and contracts - along with the management skills to operate and maintain the facility. Two degree options are available: an Associate in Applied Science degree and a Bachelor of Science Degree in Technology Management.

Total Program Credits: 64

General Education Requirements:			17 Credits
	CMGT 1150	Construction Safety	2
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGL 1005	Literacies and Composition Across Contexts CC (5)	
	EGDT 1600	Technical Math Algebra	3
or	MAT 1030	Quantitative Reasoning QL (3)	
or	MAT 1035	Quantitative Reasoning with Integrated Algebra QL (3)	
	PHIL 2050	Ethics and Values IH	3
	Any approved Biology or Physical Science Distribution Course ¹		3
	TECH 200G	Technology and Human Life SS GI	3
Discipline Core Requirements:			48 Credits
	ACC 2010	Financial Accounting	3
	ART 1820	Interior Space Design	3
	DGM 1645	Mixed Reality Essentials	2
	BIT 1010	Building Codes	3
	CMGT 1010	Introduction to Construction Management	3
	CMGT 1190	Concrete and Framing Lab	3
or	CMGT 281R	Internship (1)	
	CMGT 1220	Finishing Lab	3
or	CMGT 281R	Internship (1)	

Construction Technologies

	CMGT 1020	Construction Materials and Methods I	3
	CMGT 2010	Construction Materials and Methods II	3
	CMGT 2035	Construction Computer Applications	3
	CMGT 2080	Principles of Construction Scheduling	3
	FAC 1010	Survey of Facilities Management	3
	EGDT 1020	3D Architectural Modeling	3
	EGDT 1040	Fundamentals of Technical Engineering Drawing	3
	EGDT 1050	Intro to 3D Printing and Fabrication PP	3
	MKTG 220G	Written Business Communication GI WE	3

Graduation Requirements:

1. Completion of a minimum of 64 semester credits.
2. Overall grade point average of 2.0 (C) or above (departments may require a higher GPA).
3. Residency hours: minimum of 20 credit hours through course attendance at UVU.

Footnote

¹Recommended PHYS 1010 Elementary Physics PP

Facilities Management, A.A.S.

Careers

1. Graduates of this program will be employed in a facilities management related field.
2. Graduates of this program will be accepted into an industry recognized advanced program of bachelor degree program.

Related Careers

- First-Line Supervisors of Housekeeping and Janitorial Workers
- First-Line Supervisors of Construction Trades and Extraction Workers
- Maintenance and Repair Workers, General

Cabinetry and Architectural Woodwork, Certificate of Completion

UVU strives to ensure the accessibility of our catalogs. However, if individuals with disabilities need this document in a different format than provided, you may contact the Assistive Technology Center at ACCESSIBLETECH@uvu.edu or 801-863-6788.

Requirements

Students may receive a One-Year Certificate, a Diploma, an Associate in Applied Science degree, an Associate in Science degree, or a Bachelor of Science Degree in Technology Management.

Total Program Credits: 32

Discipline Core Requirements:			32 Credits
	ACC 1150	Fundamentals of Business Math	3
	CAW 1130	Residential Cabinetry	4
	CAW 1140	Millworking and Safety Shop I	5
	CAW 1150	Design Drafting and Billing	3
	CAW 1170	Finish Technology	2
	CAW 1210	Cabinetmaking Materials and Hardware	1
	CAW 1240	Millworking Shop II	5

	CAW 1250	Drafting and Computer Applications for Cabinetmakers	4
	CAW 2310	Cabinetry Math	2
	EGDT 1040	Fundamentals of Technical Engineering Drawing	3

Graduation Requirements:

1. Completion of a minimum of 32 semester credits.
2. Overall grade point average of 2.0 (C) or above.
3. Residency hours -- minimum of 10 credit hours through course attendance at UVU.
4. Complete all courses with a minimum grade of "C-" or better.

Cabinetry and Architectural Woodwork, Certificate of Completion

Careers

1. Graduate of the CC will be able to design and plan a project by identifying required materials and equipment
2. Graduates will be able to setup and safely operate standard cabinetry shop equipment (ie: table saws, jointers/planers, shapers, sanders...etc)

Related Careers

- Cabinetmakers and Bench Carpenters
- Model Makers, Wood
- Patternmakers, Wood
- Sawing Machine Setters, Operators, and Tenders, Wood
- Woodworking Machine Setters, Operators, and Tenders, Except Sawing
- Woodworkers, All Other

Cabinetry and Architectural Woodwork, Certificate of Proficiency

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Requirements

The Certificate of Proficiency in Cabinetry and Architectural Woodwork is available for all UVU students with a particular focus for high school students who desire to obtain a stackable certificate of proficiency with an emphasis in career and technical education while still enrolled in high school. This certificate will also be available from the University for college students/adults looking for basic entry-level skills leading to further academic advancement and learn more about the Cabinetry career field

Total Program Credits: 17

Discipline Core Requirements			17 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGH 1005	Literacies and Composition Across Contexts CC (5.0)	
	MAT 1010	Intermediate Algebra	4
	CAW 140R	Millwork Technology	4

	EGDT 1040	Fundamentals of Technical Engineering Drawing	3
	FIN 1060	Personal Finance SS	3

Graduation Requirements:

1. Completion of a minimum of 17 credits.
2. Overall grade point average of 2.0 (C) or above.
3. Residency hours -- minimum of 4 credit hours through course attendance at UVU.

Cabinetry and Architectural Woodwork, Certificate of Proficiency**Careers**

1. Possess a working knowledge of Cabinetmaking Standards as set forth by Architectural Woodwork Institute (AWI).
2. Possess the skills and trade knowledge necessary to be productive in the cabinet making industry.
3. Possess good computational and reasoning skills.

Related Careers

- Cabinetmakers and Bench Carpenters
- Model Makers, Wood
- Patternmakers, Wood
- Sawing Machine Setters, Operators, and Tenders, Wood
- Woodworking Machine Setters, Operators, and Tenders, Except Sawing
- Woodworkers, All Other

Construction Management, Certificate of Completion

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Requirements

A Certificate of Completion for students seeking an applied education in construction. The courses can lead the students who desire to further their education towards the AAS and/or BS degree in Construction Management.

Total Program Credits: 30

Discipline Core Requirements:			30 Credits
	CMGT 1010	Introduction to Construction Management WE	3
	CMGT 1020	Construction Materials and Methods I	3
	CMGT 1150	Construction Safety	2
Complete one of the following:			3
	CMGT 1190	Concrete and Framing Lab	
or	CMGT 281R	Internship (1) (For maximum of 3 credits toward graduation)	
	CMGT 1220	Finishing Lab (3)	
Complete the following:			
	CMGT 2010	Construction Materials and Methods II	3
	CMGT 2035	Construction Computer Applications	.

or	IM 2010	Business Computer Proficiency	
	CMGT 289R	Construction Industry Seminar (Must be taken twice for a total of one credit.)	1
	EGDT 1400	Surveying Applications and Field Techniques I	3
	EGDT 1600	Technical Math Algebra	3
Complete one of the following:			3
	MAT 1030	Quantitative Reasoning QL (3)	
	MAT 1035	Quantitative Reasoning with Integrated Algebra QL (6)	
	STAT 1040	Introduction to Statistics QL(3)	
	STAT 1045	Introduction to Statistics with Algebra QL (5)	
	MATH 1050	College Algebra QL (4)	
	MATH 1055	College Algebra with Preliminaries QL (5)	
	MATH 1090	College Algebra for Business QL (3)	
Social Science Distribution (Comm 2110 Recommended)			3

Graduation Requirements:

1. Completion of a minimum of 30 semester credits.
2. Overall grade point average of 2.0 (C) or above.
3. No grade lower than a C-.
4. Residency hours -- minimum of 10 credit hours through course attendance at UVU.

Construction Management, Certificate of Completion Careers

1. Students will demonstrate a basic understanding of construction management principles and practices in the following areas: Construction Blueprint Reading, Construction Processes, Construction Costs and Quantity Surveys, Construction Operations and Safety, Construction Management Principles.
2. Students will demonstrate verbal and written communication skills.
3. Students will have a foundational understanding of the following basic business practices: Business Communications, Business Computer Proficiency
4. Students will have a solid understanding of construction science in heavy civil, commercial, and residential construction areas including the following: Surveying, Construction Tools and Equipment, Construction Codes and Standards, Construction Graphics and Models, Construction Materials and Methods, Construction Systems, Construction Quality and Safety
5. Students will have a strong foundation in mathematics and science: Algebra.

Related Careers

- Construction Managers

Construction Management, Certificate of Proficiency

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Requirements

This certificate is available to all UVU students with a particular focus designed to provide high school students an opportunity to obtain a certificate of proficiency in a Career and Technical Education (CTE) field

Construction Technologies

while still enrolled in high school and stack into certificate, associate and bachelor degrees at UVU. This certificate will also be available from the University for college students/adults looking for entry-level skills leading to further academic advancement and learn more about the construction field.

Total Program Credits: 15

Discipline Core Requirements		15 Credits
CMGT 1190	Concrete and Framing Lab	3
CMGT 1220	Finishing Lab	3
ENGL 1010	Introduction to Academic Writing CC	3
or ENGH 1005	Literacies and Composition Across Contexts CC (5)	
Complete one of the following:		3
MAT 1030	Quantitative Reasoning QL (3)	
MAT 1035	Quantitative Reasoning with Integrated Algebra QL (6)	
STAT 1040	Introduction to Statistics QL (3)	
STAT 1045	Introduction to Statistics with Algebra QL (5)	
MATH 1050	College Algebra QL (3)	
MATH 1055	College Algebra with Preliminaries QL (3)	
CMGT 2035	Construction Computer Applications (3)	
or IM 2010	Business Computer Proficiency (3)	

Graduation Requirements:

1. Completion of a minimum of 15 credits.
2. Overall grade point average of 2.0 (C) or above.
3. Residency hours -- minimum of 4 credit hours through course attendance at UVU.

Construction Management, Certificate of Proficiency Careers

1. Recognition of the need for health and safety, accident prevention, and regulatory compliance.
2. An understanding of materials, labor and methods of construction.
3. An ability to use and apply current technical concepts and practices in planning and scheduling.
4. An ability to identify and analyze project delivery methods.
5. An ability to function effectively on teams and demonstrate skills in leadership and managing people.
6. An ability to use and apply verbal and written business and communication skills.

Related Careers

- Construction Managers

Woodworking Education, Certificate of Proficiency

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Requirements

The CP in Woodworking Education is a package of existing courses that provides licensed, secondary education teachers in Utah with a pathway for adding the Associate level Woods endorsement to their professional portfolio. In addition, it establishes a means for individuals who wish to enter the teaching profession and are seeking a teaching credential with a means to demonstrate the content knowledge required for the Associate level Woods endorsement. It supports the endorsement portion of the licensing process only. It is not a full-fledged teacher preparation program and does not result in a recommendation for licensure.

Total Program Credits: 19

Discipline Core Requirements:		19 Credits
CAW 140R	Millwork Technology	4
CAW 1130	Residential Cabinetry	4
CAW 1150	Design Drafting and Billing	3
CAW 1170	Finish Technology	2
CAW 2250	Computer Aided Manufacturing for Woodworking	4
CAW 2450	Machine Maintenance and Upkeep	2

Graduation Requirements:

1. Completion of a minimum of 19 credits.
2. Overall grade point average of 2.0 (C) or above.
3. Residency hours--minimum of 4 credit hours through course attendance at UVU.

Woodworking Education, Certificate of Proficiency Careers

1. To provide existing teachers with the fundamental knowledge needed to present woodworking courses to secondary education students
2. To provide prospective teachers with a pathway and content knowledge they must demonstrate as they pursue licensure/endorsement
3. To provide existing and prospective teachers with the fundamental skills needed to present woodworking courses to secondary education students.

Related Careers

- Woodworkers, All Other

Cabinetry and Architectural Woodwork, Diploma

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Requirements

Students may receive a One-Year Certificate, a Diploma, an Associate in Applied Science degree, an Associate in Science degree, or a Bachelor of Science Degree in Technology Management.

Total Program Credits: 49

Discipline Core Requirements:		49 Credits
CAW 1130	Residential Cabinetry	4
CAW 140R	Millwork Technology ¹	4

CAW 140R	Millwork Technology ¹	4
CAW 140R	Millwork Technology ¹	4
CAW 140R	Millwork Technology ¹	4
CAW 1150	Design Drafting and Billing	3
CAW 1170	Finish Technology	2
CAW 1210	Cabinetmaking Materials and Hardware	1
CAW 1250	Drafting and Computer Applications for Cabinetmakers	4
CAW 2250	Computer Aided Manufacturing for Woodworking	4
CAW 2300	Counter Top Technology	3
CAW 2310	Cabinetry Math	2
CAW 2430	Commercial Cabinetry Technology	4
CAW 2450	Machine Maintenance and Upkeep	2
CAW 299R	Skills USA	1
EGDT 1040	Fundamentals of Technical Engineering Drawing	3

Graduation Requirements:

1. Completion of a minimum of 49 or more semester credits.
2. Overall grade point average of 2.0 (C) or above.
3. Residency hours--minimum of 20 credit hours through course attendance at UVU.
4. Complete all Technical Specialty courses with a minimum grade of "C-" or better.

Footnote:

¹ Required 4 times**Cabinetry and Architectural Woodwork, Diploma Careers**

1. Possess a working knowledge of Cabinetmaking Standards as set forth by Architectural Woodwork Institute (AWI).
2. Possess the skills and trade knowledge necessary to be productive in the cabinet making industry.
3. Possess good computational and reasoning skills.

Related Careers

- Cabinetmakers and Bench Carpenters
- Model Makers, Wood
- Patternmakers, Wood
- Sawing Machine Setters, Operators, and Tenders, Wood
- Woodworking Machine Setters, Operators, and Tenders, Except Sawing
- Woodworkers, All Other

Construction Management, B.S.

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Requirements

Students may earn an Associate in Applied Science degree. The Clyde Institute of Construction Management Program has been designed to provide students a strong foundation in Construction Management that prepares them for jobs in construction site supervision and/or for advancement on to a BS degree in Construction

Management. The program provides courses in building construction, construction management and construction science that apply to all segments of the construction industry with an emphasis on heavy civil and commercial construction. Students will learn about construction materials and methods through the use of readings, 3-D models, hands-on laboratory exercises, and site visits. Construction management courses in estimating and scheduling are also provided along with a strong background in mathematics, computer technology, business and other general education subjects. A supervisory course is also required so students can learn to manage workers at construction sites.

Total Program Credits: 120

General Education Requirements:		35 Credits
ENGL 1010	Introduction to Academic Writing CC	3
or ENGH 1005	Literacies and Composition Across Contexts CC (5)	
ENGL 2010	Intermediate Academic Writing CC	3
Complete one of the following:		3
MAT 1030	Quantitative Reasoning QL (3)	
MAT 1035	Quantitative Reasoning with Integrated Algebra QL (6)	
STAT 1040	Introduction to Statistics QL (3)	
STAT 1045	Introduction to Statistics with Algebra QL (5)	
MATH 1050	College Algebra QL (4)	
MATH 1055	College Algebra with Preliminaries QL (5)	
MATH 1090	College Algebra for Business QL (3)	
Complete one of the following:		3
HIST 1700	American Civilization AS (3)	
HIST 1740	US Economic History AS (3)	
HIST 2700	US History to 1877 AS (3)	
and HIST 2710	US History since 1877 AS (3)	
POLS 1000	American Heritage SS (3)	
POLS 1100	American National Government AS (3)	
Complete the following:		
PHIL 2050	Ethics and Values IH	3
HLTH 1100	Personal Health and Wellness TE (2)	
or EXSC 1097	Fitness for Life TE	2
Distribution Courses		
Biology Distribution ¹		3
Humanities Distribution ²		3
Social Science Distribution ³		3
Physical Science Distribution ⁴		3
Third Science Distribution ⁵		3
Fine Arts Distribution ⁶		
Discipline Core Requirements		76 Credits
CMGT 1010	Introduction to Construction Management WE	3
CMGT 1150	Construction Safety	2
CMGT 1190	Concrete and Framing Lab	3

Construction Technologies

or	CMGT 1220	Finishing Lab (3)	
or	CMGT 281R	Internship (1-6) (3 credits maximum towards graduation)	
	CMGT 1020	Construction Materials and Methods I	3
	CMGT 2010	Construction Materials and Methods II	3
	CMGT 2035	Construction Computer Applications	3
or	IM 2010	Business Computer Proficiency (3)	
	CMGT 2060	Construction Job Site Management	3
	CMGT 2080	Principles of Construction Scheduling	3
	CMGT 289R	Construction Industry Seminar (Must be taken twice for a total of one credit.)	1
	CMGT 3010	Construction Materials Testing	3
	CMGT 3030	Principles of Construction Estimating	3
	CMGT 3060	Applied Statics and Strength of Materials	3
or	EGDT 2600	Applied Structures I - Statics (3)	
and	EGDT 2610	Applied Structures II - Strength of Materials (3)	
	CMGT 3080	Construction Financial Management	3
	CMGT 405G	Global Sustainability and the Built Environment GI WE	3
	CMGT 4010	Construction Contracts ⁷	3
	CMGT 4500	Senior Capstone	3
	CMGT 481R	Internship (1-4) (1 credit required for graduation. Maximum of 4 credits may count towards graduation. Students with sufficient management experience may choose an upper division elective in CMGT, EGDT, SURV or Woodbury School of Business with department approval)	1
	LEGL 3000	Business Law	3
	EGDT 1400	Surveying Applications and Field Techniques I	3
	EGDT 1600	Technical Math Algebra	3
	EGDT 1610	Technical Math Geometry Trig	3
	ACC 3000	Financial Managerial and Cost Accounting Concepts (Highly recommended)	3
or	ACC 2110	Principles of Accounting I (3)	
and	ACC 2120	Principles of Accounting II (3)	
Complete 15 credits from one of the following two specializations (A minimum of 5 credits must be upper division):			15
Heavy/Civil			
	EGDT 1040	Fundamentals of Technical Engineering Drawing (3)	
	EGDT 2400	Surveying Applications and Field Techniques II (3)	
	CMGT 3050	Construction Equipment/Planning and Logistics (3)	
	CMGT 3090	Principles of Hydrology in Construction Management (3)	

or	SURV 3230	Construction and Route Surveys (3)	
	EGDT 3500	Advanced Civil Drafting and Design (3)	
Commercial/Residential			
	BIT 1010	Building Codes (3)	
or	BIT 1020	Residential Codes (3)	
	EGDT 1020	3D Architectural Modeling (3)	
	CMGT 3020	Building Envelopes and Mechanical Systems (3)	
	CMGT 3160	Building Information Modeling (3)	
	CMGT 4020	Construction Project Management (3) (High Recommended)	
or	TECH 3400	Project Management WE (3)	
Elective Requirements:			9 Credits
Choose 9 credits from the following:			9
	Upper division Woodbury School of Business courses		
	Upper division Technology Management courses		
	Other upper division Technical Specialty courses as approved by Department Chair		
	Any upper division CMGT or EGDT courses not already completed.		

Graduation Requirements:

1. Completion of a minimum of 120 semester hours
2. A minimum of 40 credits must be upper-division (numbered 3000 or above).
3. Overall grade point average of 2.0 (C) or above
4. No grade lower than a C- in any Discipline Core or Elective course
5. Completion of GE and specified departmental requirements
6. Residency hours - Minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours
7. Successful completion of at least one Global/Intercultural course.
8. Successful completion of at least two Writing Enriched (WE) courses.

Footnote
¹ See catalog for approved listings
² Highly Recommended: COMM 1020 Public Speaking HH. See catalog for approved listings.
³ Recommended: COMM 2110 Interpersonal Communication SS or FIN 1060 Personal Finance SS. See catalog for approved listings
⁴ Recommended: PHYS 1010 Elementary Physics PP or PHSC 1000 Survey of Physical Science PP. See catalog for approved listings
⁵ Recommended: GEO 1010 Introduction to geology PP or ENVT 1110 Introduction to Environmental Management PP. See catalog for approved listings
⁶ Highly Recommended: EGDT 1720 Architectural Rendering FF. See catalog for approved listings
⁷ Students who have passed the state Real Estate exam may receive substitution credit. See advisor for more information.

Construction Management, B.S.**Careers**

1. Construction project management from pre-design through commissioning.
2. An ability to analyze the local and global impact of project life-cycle and sustainability.
3. Recognition of the need for health and safety, accident prevention, and regulatory compliance.
4. An ability to apply knowledge of law, contract documents administration, and dispute prevention and resolution.
5. An understanding of materials, labor and methods of construction.
6. An ability to apply knowledge finance and accounting principles.
7. An ability to use and apply current technical concepts and practices in planning and scheduling.
8. An ability to design, implement, and evaluate construction cost management including plan reading, quantity take offs and estimating.
9. An ability to identify and analyze project delivery methods.
10. An ability to function effectively on teams and demonstrate skills in leadership and managing people.
11. An ability to use and apply verbal and written business and communication skills.

Related Careers

- Construction Managers

Criminal Justice/Law Enforcement

DEPARTMENT CHAIR

NOYES, Melissa Associate Professor

FACULTY

DUFFIN, Matthew Associate Professor

HARSTON, Stott P. Associate Professor

HEHNLY, Marcy Associate Professor

HOUGHTON, Amie Ball Associate Professor

KASSEL, Bobbi Associate Professor

LOS, Richard Professional In Residence

NOYES, Melissa Associate Professor

RUDD, Jonathan L. Assistant Professor

SMIDT, Michael L. Assistant Professor

VOGEL, Ryan J. Associate Professor

Degrees & Programs

Criminal Justice, A.A.

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Requirements

Students in Criminal Justice may receive a Certificate of Proficiency in Law Enforcement Academy, an Associate in Science Degree in Criminal Justice, a Bachelor of Science Degree in Criminal Justice, or a Bachelor of Science Degree in Forensic Science.

Total Program Credits: 60

General Education Requirements:		35 Credits
	ENGL 1010 Introduction to Academic Writing CC	3
or	ENGL 1005 Literacies and Composition Across Contexts CC (5.0)	
	ENGL 2010 Intermediate Academic Writing CC	3
Complete one of the following:		3
	MAT 1030 Quantitative Reasoning QL (3.0)	
	MAT 1035 Quantitative Reasoning with Integrated Algebra QL (6.0)	
	STAT 1040 Introduction to Statistics QL (3.0)	
	STAT 1045 Introduction to Statistics with Algebra QL (5.0)	
	MATH 1050 College Algebra QL (4.0)	
	MATH 1055 College Algebra with Preliminaries QL (5.0)	
Complete one of the following:		3
	HIST 2700 US History to 1877 AS (3.0)	
and	HIST 2710 US History since 1877 AS (3.0)	
	HIST 1700 American Civilization AS (3.0)	
	HIST 1740 US Economic History AS (3.0)	
	POLS 1000 American Heritage SS (3.0)	

	POLS 1100 American National Government AS (3.0)	
Complete the following:		
	PHIL 2050 Ethics and Values IH	3
	HLTH 1100 Personal Health and Wellness TE	2
or	EXSC 1097 Fitness for Life TE (2.0)	
Distribution Courses:		
	Biology	3
	Physical Science	3
	Additional Biology or Physical Science	3
	Humanities	3
	Fine Arts	3
	Social/Behavioral Science	3
Discipline Core Requirements:		15 Credits
	CJ 1010 Introduction to Criminal Justice SS	3
	CJ 1340 Criminal Investigations	3
	CJ 1350 Introduction to Forensic Science	3
	CJ 1330 Criminal Law	3
	CJ 2350 Laws of Evidence	3
Elective Requirements:		10 Credits
	Foreign Language	8
	Electives may consist of any Criminal Justice (CJ) course that is not part of the core requirements, Forensic Science (FSCI) or National Security Studies (NSS) courses.	2

Graduation Requirements:

1. Completion of a minimum of 60 semester credits.
2. Overall grade point average of 2.0 (C) or above. (Departments may require a higher GPA.)
3. Residency hours: Minimum of 20 credit hours through course attendance at UVU.
4. Completion of GE and specified departmental requirements.
5. For the AA degree, completion of 8 credit hours of course work from one language.
6. Must have a grade of C- or higher in all discipline core and criminal justice elective requirements.

Criminal Justice, A.A.

Careers

1. General Criminal Justice System Knowledge.
2. Effective Written Communication and Reasoning.
3. Deep-seated knowledge of Constitutional Criminal Rights.

Related Careers

- Managers, All Other
- Criminal Justice and Law Enforcement Teachers, Postsecondary
- First-Line Supervisors of Police and Detectives

Criminal Justice, A.S.

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Requirements

Students in Criminal Justice may receive a Certificate of Proficiency in Law Enforcement Academy, an Associate in Science Degree in Criminal Justice, a Bachelor of Science Degree in Criminal Justice, or a Bachelor of Science Degree in Forensic Science.

Total Program Credits: 60

General Education Requirements:		35 Credits
ENGL 1010	Introduction to Academic Writing CC	3
or ENGH 1005	Literacies and Composition Across Contexts CC (5)	
ENGL 2010	Intermediate Academic Writing CC	3
Complete one of the following:		3
MAT 1030	Quantitative Reasoning QL (3)	
MAT 1035	Quantitative Reasoning with Integrated Algebra QL (6)	
STAT 1040	Introduction to Statistics QL (3)	
STAT 1045	Introduction to Statistics with Algebra QL (5)	
MATH 1050	College Algebra QL (4)	
MATH 1055	College Algebra with Preliminaries QL (5)	
Complete one of the following:		3
HIST 2700	US History to 1877 AS (3)	
and HIST 2710	US History since 1877 AS (3)	
HIST 1700	American Civilization AS (3)	
HIST 1740	US Economic History AS (3)	
POLS 1000	American Heritage SS (3)	
POLS 1100	American National Government AS (3)	
Complete the following:		
PHIL 2050	Ethics and Values IH	3
HLTH 1100	Personal Health and Wellness TE	2
or EXSC 1097	Fitness for Life TE (2)	
Distribution Courses:		
Biology		3
Physical Science		3
Additional Biology or Physical Science		3
Humanities		3
Fine Arts		3
Social/Behavioral Science		3
Discipline Core Requirements:		15 Credits
CJ 1010	Introduction to Criminal Justice SS	3
CJ 1340	Criminal Investigations	3
CJ 1350	Introduction to Forensic Science	3
CJ 1330	Criminal Law	3
CJ 2350	Laws of Evidence	3
Elective Requirements:		10 Credits
Electives may consist of any Criminal Justice (CJ) course that is not part of the core		10

requirements, Forensic Science (FSCI) or National Security Studies (NSS) courses.

Graduation Requirements:

1. Completion of a minimum of 60 or more semester credits.
2. Overall grade point average of 2.0 (C) or above. (Departments may require a higher GPA.)
3. Residency hours: Minimum of 20 credit hours through course attendance at UVU
4. Completion of GE and specified departmental requirements.
5. Must have a grade of C- or higher in all discipline core and criminal justice elective requirements.

Criminal Justice, A.S.

Careers

1. Students should acquire general knowledge about the criminal justice system, including familiarity with the criminal law, victimization, the adjudication process, corrections options, police-community relations, evidence, ethics and theory.
2. Students will demonstrate the skills necessary to communicate effectively in writing, solve complex problems demonstrating they can see problems from multiple perspectives and still support their final conclusions with persuasive arguments.
3. Students can describe and implement the main principles of the United States Constitution. Specifically, they will demonstrate they can properly apply Constitutional principles relating to individual rights and due process to actual criminal justice problems.

Related Careers

- Managers, All Other
- Criminal Justice and Law Enforcement Teachers, Postsecondary
- First-Line Supervisors of Police and Detectives

Forensic Science, A.S.

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Requirements

The Associate of Science in Forensic Science (ASFS) is designed to provide a preparatory educational path for students who are seeking acceptance into UVU's Bachelor of Science in Forensic Science (BSFS) degree program. The ASFS enable students to complete the general education requirements while meeting the required lower division course work needed for application to the BSFS degree. This degree will additionally provide a completion point for students who do not wish to pursue a bachelor's degree, or facilitate transfer to another institution for a bachelor's degree completion elsewhere.

Total Program Credits: 63

General Education Requirements:		40 Credits
ENGL 1010	Introduction to Academic Writing CC	3
or ENGH 1005	Literacies and Composition Across Contexts CC (5)	
ENGL 2010	Intermediate Academic Writing CC	3
Complete one of the following:		5
MATH 1080	Precalculus QL (5)	
MATH 1050	College Algebra QL (4)	
and MATH 1060	Trigonometry QL (7)	
Complete one of the following:		3

Criminal Justice/Law Enforcement

	HIST 1700	American Civilization AS (3)	
	HIST 1740	US Economic History AS (3)	
	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	
	POLS 1000	American Heritage SS (3)	
	POLS 1100	American National Government AS (3)	
Complete the following:			
	PHIL 205G	Ethics and Values IH GI	3
	HLTH 1100	Personal Health and Wellness TE	2
or	EXSC 1097	Fitness for Life TE (2)	
Distribution Courses:			
	BIOL 1610	College Biology I BB	4
	CHEM 1210	Principles of Chemistry I PP	4
	PHYS 2010	College Physics I PP	4
	Fine Arts Distribution		3
	ART 1050	Photography I FF (3) (Recommended)	
	Humanities Distribution		3
	COMM 1020	Public Speaking HH (3) (Recommended)	
	CJ 1010	Introduction to Criminal Justice SS	3
Discipline Core Requirements:			15 Credits
Forensic Science Foundational Courses:			
	CJ 1330	Criminal Law	3
	CJ 1350	Introduction to Forensic Science	3
	CJ 2350	Laws of Evidence	3
	BIOL 1615	College Biology I Laboratory	1
	CHEM 1215	Principles of Chemistry I Laboratory	1
	CHEM 1220	Principles of Chemistry II PP	4
	CHEM 1225	Principles of Chemistry II Laboratory	1
	PHYS 2015	College Physics I Lab	1
Program Electives:			6 Credits
Complete 6 credits from one of the following:			6
For Application to the BS Forensic Investigation Track			
	CJ 1340	Criminal Investigations	
	ZOOL 1090	Introduction to Human Anatomy and Physiology BB	
For Application to the BS Forensic Laboratory Track			
	MATH 1210	Calculus I QL	
	2 credits from any 1000 or 2000 level course		

Graduation Requirements:

1. Completion of a minimum of 63 or more semester credits.
2. Overall grade point average of 2.7 (B-) or above.
3. Must have a grade of B- or higher in all math, science and criminal justice courses.
4. Residency hours: minimum of 16 credit hours through course attendance at UVU.

Forensic Science, A.S.

Careers

1. Explain how forensic science uses scientific and mathematical principles.
2. Develop a conceptual foundation of the criminal justice system, rules of evidence, and the legal system.
3. Explain the relationship between forensic science and criminal law.
4. Situate forensic science applications within criminal investigative procedures.
5. Describe how various forensic science disciplines are utilized within criminal investigations.

Intelligence Studies, A.S.

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Requirements

The Associate of Science in Intelligence Studies exposes students to the wide range of theoretical and functional issues related to the field of military intelligence. Students are prepared for employment in the intelligence field. This degree is limited to students participating in the Utah National Guard's (UNG) military intelligence education program at Camp Williams in Bluffdale, Utah.

Total Program Credits: 60

Matriculation Requirements:			
Students in the AS program must be admitted to the Utah National Guard's Military Intelligence Education program and admitted to UVU.			
General Education Requirements:			35 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGL 1005	Literacies and Composition Across Contexts CC (5.0)	
	ENGL 2010	Intermediate Academic Writing CC	3
Complete one of the following:			3
	MAT 1030	Quantitative Reasoning QL (3.0)	
	MAT 1035	Quantitative Reasoning with Integrated Algebra QL (6.0)	
	MAT 103H	Quantitative Reasoning QL (3.0)	
	STAT 1040	Introduction to Statistics QL (3.0)	
	STAT 1045	Introduction to Statistics with Algebra QL (5.0)	
	MATH 1050	College Algebra QL (4)	
	MATH 1055	College Algebra with Preliminaries QL (5)	
	MATH 1090	College Algebra for Business QL (3.0)	
Complete one of the following:			3
	HIST 1700	American Civilization AS (3.0)	
	HIST 1740	US Economic History AS (3.0)	
	POLS 1000	American Heritage SS (3.0)	
	POLS 1100	American National Government AS (3.0)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3

	HLTH 1100	Personal Health and Wellness TE	2
or	EXSC 1097	Fitness for Life TE (2.0)	
Distribution Courses:			
	Biology		3
	Physical Science		3
	Additional Biology or Physical Science		3
	Humanities		3
	Fine Arts		3
	Social/Behavioral Science		3
Discipline Core Requirements:			15 Credits
Any 15 credits from the Intelligence Studies course offerings.			15
Elective Requirements:			10 Credits
Elective credits, including any additional courses from the Intelligence Studies course offerings.			10

Graduation Requirements:

- Students will be required to earn 60 credits in order to graduate with the AS in Intelligence Studies.
- 15 of those credits must be from Intelligence Studies (INST) classes.
- Students must also complete 35 credits of general education courses as described below and ten credits of elective courses.
- Students must have an overall grade point average of 2.0 (C) or above and a grade of C- or higher in all core and elective requirements.
- A minimum of 20 credit hours must be earned through course attendance at UVU.

Intelligence Studies, A.S.**Careers**

- Written Communication- Students, using writing skills, both individually and collaboratively, will discover, shape and communicate information, data concepts and arguments clearly and effectively to the appropriate audience and purpose.
- Oral Communication- Students, using oral communication skills both individually and collaboratively, will research, organize, design, and present data, research, ideas, and concepts so as to add meaning and depth to the topics discussed.
- Creativity- Students will investigate, evaluate, and ponder experiences; seek creative solutions to practical, social, or individual problems; and produce artifacts of self-expression.
- Leadership- Students will examine, analyze, calculate and formulate methods by which they can motivate and lead others through leadership attributes and competencies.
- Critical Thinking- Students will employ logical, analytical, analogical, and reflective reasoning as well as scientific, mathematical, and artistic inquiry to solve problems effectively.
- Diverse Perspectives- Students will recognize cultural diversity and discuss the symbiotic roles of racial, ecological, social, historic, and economic forces and their roles in creating this diversity.
- Information Literacy- Students will demonstrate proficiency in information literacy by finding information gaps and using both classic and modern sources to locate, evaluate, analyze, and apply the information to fill in those gaps.
- Technology Literacy- Students will apply technological skills and processes to discover, organize, analyze, understand and manage information, and to present that information effectively.

Criminal Justice, Certificate of Proficiency

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Requirements

The Certificate of Proficiency in Criminal Justice is available for all UVU students with a particular focus designed to provide high school students an opportunity to obtain a certificate of proficiency with a focus on a Career and Technical Education (CTE) field while still enrolled in high school that will stack into certificates and associate degrees at UVU. This certificate will be available from the University for college students/adults looking for entry-level skills leading to further academic advancement and learn more about the criminal justice field.

Total Program Credits: 15

Discipline Core Requirements:			15 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGH 1005	Literacies and Composition Across Contexts CC (5)	
Choose one of the following:			3
	MAT 1030	Quantitative Reasoning QL (3)	
	MAT 1035	Quantitative Reasoning with Integrated Algebra QL (6)	
	STAT 1040	Introduction to Statistic QL (3)	
	STAT 1045	Introduction to Statistics with Algebra QL (5)	
	MATH 1050	College Algebra QL (4)	
	MATH 1055	College Algebra with Preliminaries QL (5)	
An Advanced Placement (AP) Mathematics Test with a score of 3 or higher			
	CJ 1010	Introduction to Criminal Justice SS	3
	CJ 1330	Criminal Law	3
	CJ 1340	Criminal Investigations	3

Graduation Requirements:

- Completion of a minimum of 15 credits.
- Overall grade point average of 2.0 (C) or above.
- Residency hours -- minimum of 4 credit hours through course attendance at UVU.

Criminal Justice, Certificate of Proficiency**Careers**

- Students should acquire general knowledge about the criminal justice system, including familiarity with the criminal law, victimization, the adjudication process, corrections options, police-community relations, evidence, ethics and theory.
- Students will gather, interpret, and evaluate information in a variety of forms while critiquing a crime scene scenario.
- Students will approach complex problems from a diverse perspective while considering alternative solutions when critiquing a crime scene scenario.

Related Careers

- Managers, All Other
- Criminal Justice and Law Enforcement Teachers, Postsecondary
- First-Line Supervisors of Police and Detectives

Law Enforcement, Certificate of Proficiency

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Requirements

Utah Valley University is a sanctioned provider of the Utah Law Enforcement Academy, the basic training program for certification of law enforcement officers. The academy is divided into two modules. The first, or core, provides training required for certification of special function officers and is foundational for law enforcement and correctional officers. The second module is required for certification as a reserve or law enforcement officer.

Total Program Credits: 18

Matriculation Requirements:			
<ol style="list-style-type: none"> 1. By permission only class. Individual must complete the State POST application. 2. Individual must attend an application meeting/interview to have their application accepted by the director of the academy. 3. Individual must pass the State POST Entrance Exam (NPOST). The NPOST exam is a required as part of the application. 			
Discipline Core Requirements:			18 Credits
CJ 1800	POST Module I		7
CJ 1810	POST Module II		11

Graduation Requirements:

1. Individual must pass State POST written certification test at 80% or above to become State POST certified.
2. Individual must pass State POST physical certification test at the determined State requirements.
3. Completion of a minimum of 18 credits.
4. Overall grade point average of 3.0 or above.
5. Residency hours -- Minimum of 5 credits required through course attendance at UVU.

Law Enforcement, Certificate of Proficiency Careers

1. Students will complete all law enforcement training required by the state of Utah to become certifiable in this career field.
2. Emphasizes criminal and traffic laws, and the proper means of enforcing them.
3. Emphasizes criminal and traffic laws, and the proper means of enforcing them.
4. Training will also include proficiency with de-escalation tactics, firearms, arrest control techniques and physical fitness.
5. Students conduct investigations, prepare reports, and experience testimony in a moot court.

Related Careers

- Managers, All Other
- Criminal Justice and Law Enforcement Teachers, Postsecondary
- First-Line Supervisors of Police and Detectives

National Security Studies, Certificate of Proficiency

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Requirements

The NSS certificate of proficiency is aimed at students with a baccalaureate degree who are looking to re-tool or specialize in national security in order to enter or advance in a national security career. The certificate will provide an interdisciplinary program that prepares students for and allows existing professionals to advance in public and private sector national security careers through acquisition of subject matter expertise and analytical skills. This certificate will expose students to the wide variety of critically important security challenges and issues faced in the twenty-first century, such as terrorism and cyber security, nuclear proliferation and weapons of mass destruction, piracy and global pandemics, sovereignty and the use of force, and civil liberties and the rule of law. Students will also acquire skills such as critical thinking, writing, briefing, and analysis techniques specifically tailored for the national security field, but applicable in many others. Whether students are interested in counterterrorism, homeland security, intelligence gathering and analysis, foreign relations, law and politics, diplomacy, or international development, the NSS certificate of proficiency will provide insight and skills needed to succeed in these professions.

Total Program Credits: 18

Matriculation Requirements:			
Students must have University Advanced Standing or have completed a baccalaureate degree			
Discipline Core Requirements:			12 Credits
NSS 2010	Introduction to National Security WE		3
NSS 301R	National Security Area Studies		3
NSS 4600	National Security Law		3
POLS 4500	International Conflict and Security		3
Elective Requirements:			6 Credits
Complete 6 credits from the following:			6
NSS 4210	Law of War WE (3.0)		
NSS 475R	Current Topics in National Security (3.0)		
CJ 3340	Terrorism and the Criminal Justice System (3.0)		
IT 2700	Information Security Fundamentals (3.0)		
POLS 3100	Survey of International Terrorism (3.0)		
POLS 3400	American Foreign Policy (3.0)		
POLS 4610	International Law (3.0)		
or Other course approved by department advisor or director.			

Graduation Requirements:

1. Completion of a minimum of 18 credits.
2. Overall grade point average (GPA) of 2.0
3. Completion of discipline core and electives with a C- grade or higher.
4. Residency hours -- Minimum of 5 credits required through course attendance at UVU.

National Security Studies, Certificate of Proficiency Careers

1. Discuss the U.S. national security system and process, including familiarity with the National Security Council, executive departments and agencies, presidential powers, congressional roles and powers, applicable international and domestic law,

and current geographical and functional issues in the national security field.

2. Demonstrate analytical thinking and reasoning, professional writing, and public speaking and presenting skills.
3. Apply both theoretical and practical approaches to complex national security problems, employing appropriate context to a decision-making framework.

Related Careers

- Managers, All Other
- Criminal Justice and Law Enforcement Teachers, Postsecondary
- First-Line Supervisors of Police and Detectives

Criminal Justice, Minor

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Requirements

Students in Criminal Justice may receive a Certificate of Proficiency in Law Enforcement Academy, an Associate in Science Degree in Criminal Justice, a Bachelor of Science Degree in Criminal Justice, or a Bachelor of Science Degree in Forensic Science.

Total Program Credits: 24

Matriculation Requirements:			
1. Admitted to a bachelor degree program at UVU.			
Discipline Core Requirements:			12 Credits
CJ 1010	Introduction to Criminal Justice SS	3	
CJ 1340	Criminal Investigations	3	
CJ 1330	Criminal Law	3	
CJ 2350	Laws of Evidence	3	
Elective Requirements:			12 Credits
Complete 12 credits from any CJ (Criminal Justice) or NSS (National Security Studies) upper-division courses. (At least one elective must be a CJ upper-division course.)			12

Graduation Requirements:

1. Overall grade point average of 2.5 (C) or above, with completion of each Criminal Justice class with a "C-" or higher.

Criminal Justice, Minor Careers

1. Students should acquire general knowledge about the criminal justice system, including familiarity with the criminal law, victimization, the adjudication process, corrections options, police-community relations, evidence, ethics and theory.
2. Students will gather, interpret, and evaluate information in a variety of forms while critiquing a crime scene scenario.
3. Students will approach complex problems from a diverse perspective while considering alternative solutions when critiquing a crime scene scenario.

Related Careers

- Managers, All Other
- Criminal Justice and Law Enforcement Teachers, Postsecondary
- First-Line Supervisors of Police and Detectives

National Security Studies, Minor

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Requirements

The Minor in National Security Studies provides an interdisciplinary program that prepares students for public and private sector national security careers through acquisition of subject matter expertise and analytical skills. The minor exposes students to the wide variety of critically important security challenges and issues faced in the twenty-first century, such as terrorism and cyber security, nuclear proliferation and weapons of mass destruction, piracy and global pandemics, sovereignty and the use of force, and civil liberties and the rule of law. Students will also acquire skills such as critical thinking, writing, briefing, and analysis techniques specifically tailored for the national security field, but applicable in many others. Whether students are interested in counterterrorism, homeland security, intelligence gathering and analysis, foreign relations, law and politics, diplomacy, or international development, the Minor in National Security Studies provides the insight and skills needed to succeed in these professions.

Total Program Credits: 24

Matriculation Requirements:			
1. Admitted to bachelor degree program at UVU			
2. Students must take either CJ 1010 Introduction to Criminal Justice SS or POLS 1100 American National Government AS for matriculation			
Discipline Core Requirements:			15 Credits
Matriculation Courses:			
CJ 1010	Introduction to Criminal Justice SS (3.0)	3	
or	POLS 1100	American National Government AS (3.0)	
Core Courses			
NSS 2010	Introduction to National Security WE	3	
NSS 301R	National Security Area Studies	3	
NSS 475R	Current Topics in National Security (3.0)	3	
NSS 4600	National Security Law	3	
Elective Requirements:			9 Credits
Complete 9 credits from the following:			9
CNST 4795	Civil Rights and Civil Liberties (3.0)		
NSS 4210	Law of War WE (3.0)		
CJ 4160	Constitutional Criminal Rights (3.0)		
CJ 3340	Terrorism and the Criminal Justice System (3.0)		
ESMG 310G	Introduction to Homeland Security GI (3.0)		
HIST 3440	The History of World War I (3.0)		
HIST 345G	The History of World War II GI (3.0)		
HIST 4140	Genocide in the Twentieth Century (3.0)		
HIST 430G	Violence and Social Conflict in Latin America GI (3.0)		
IT 2700	Information Security Fundamentals (3.0)		

Criminal Justice/Law Enforcement

	MILS 259R	Current Topics in Military Science (3.0)	
	MILS 4200	The Profession of Arms I (3.0)	
	MILS 4210	The Profession of Arms II (3.0)	
	PJST 3020	The Ethics of War and Peace (3.0)	
	PJST 3100	Introduction to Human Security (3.0)	
	PJST 3400	Conflict Transformation: Resolution and Sustainable Peace (3.0)	
	POLS 1440	Introduction to Middle East Politics (3.0)	
	POLS 2100	Introduction to International Relations SS (3.0)	
	POLS 3100	Survey of International Terrorism (3.0)	
	POLS 3210	World Diplomacy (3.0)	
	POLS 3400	American Foreign Policy (3.0)	
	POLS 3500	International Relations of the Middle East (3.0)	
	POLS 3600	International Relations of East Asia WE (3.0)	
	POLS 3610	International Organization WE (3.0)	
	POLS 4500	International Conflict and Security (3.0)	
	POLS 4610	International Law (3.0)	
or	Other course approved by department advisor or director.		

Graduation Requirements

Completion of discipline core and electives with a C- grade or higher.

National Security Studies, Minor Careers

1. Discuss the U.S. national security system and process, including familiarity with the National Security Council, executive departments and agencies, presidential powers, congressional roles and powers, applicable international and domestic law, and current geographical and functional issues in the national security field.
2. Demonstrate analytical thinking and reasoning, professional writing, and public speaking and presenting skills.
3. Apply both theoretical and practical approaches to complex national security problems, employing appropriate context to a decision-making framework.

Related Careers

- Managers, All Other
- Criminal Justice and Law Enforcement Teachers, Postsecondary
- First-Line Supervisors of Police and Detectives

Criminal Justice, B.S.

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Requirements

Students in Criminal Justice may receive a Certificate of Proficiency in Law Enforcement Academy, an Associate in Science Degree in Criminal Justice, a Bachelor of Science Degree in Criminal Justice, or a Bachelor of Science Degree in Forensic Science.

Total Program Credits: 120

General Education Requirements:		35 Credits
	ENGL 1010	Introduction to Academic Writing CC 3
or	ENGH 1005	Literacies and Composition Across Contexts CC (5)
	ENGL 2010	Intermediate Academic Writing CC 3
Complete one of the following:		3
	MAT 1030	Quantitative Reasoning QL (3)
	MAT 1035	Quantitative Reasoning with Integrated Algebra QL (6)
	STAT 1040	Introduction to Statistics QL (3)
	STAT 1045	Introduction to Statistics with Algebra QL (5)
	MATH 1050	College Algebra QL (4)
	MATH 1055	College Algebra with Preliminaries QL (5)
	MATH 1090	College Algebra for Business QL (3)
An Advanced Placement (AP) Mathematics Test with a score of 3 or higher		
Complete one of the following:		3
	HIST 2700	US History to 1877 AS (3)
and	HIST 2710	US History since 1877 AS (3)
	HIST 1740	US Economic History AS (3)
	POLS 1000	American Heritage SS (3)
	POLS 1100	American National Government AS (3)
Complete the following:		
	PHIL 2050	Ethics and Values IH 3
	HLTH 1100	Personal Health and Wellness TE 2
or	EXSC 1097	Fitness for Life TE (2)
Distribution Courses:		
	Biology	3
	Physical Science	3
	Additional Biology or Physical Science	3
	Humanities	3
	Fine Arts	3
	Social/Behavioral Science	3
Discipline Core Requirements:		74 Credits
	CJ 1010	Introduction to Criminal Justice SS 3
	CJ 1300	Introduction to Corrections Process 3
	CJ 1330	Criminal Law 3
	CJ 1340	Criminal Investigations 3
	CJ 1350	Introduction to Forensic Science 3
	CJ 1390	Introduction to Policing 3
	CJ 2200	Writing for Criminal Justice Professionals WE 3
	CJ 2330	Juvenile Justice 3
	CJ 2350	Laws of Evidence 3
	CJ 250G	Justice for All GI 3

CJ 3270	Criminology	3
CJ 3300	Victimology	3
CJ 3400	Drugs and Crime	3
CJ 4060	Special Problems in Criminal Justice WE	3
CJ 4160	Constitutional Criminal Rights	3
CJ 4200	Ethical Issues in Criminal Justice	3
CJ 4250	Criminal Justice Career Strategies	2
CJ 470G	Comparative Criminal Justice Systems GI	3
CJ 4880	Qualitative Research Methods in Criminal Justice	3
CJ 4990	Criminal Justice Capstone Seminar	3
Complete 18 credits from the following (12 must be upper-division):		18
Any Criminal Justice (CJ courses that are not part of the core requirements), National Security Studies (NSS) or Intelligence Studies (INTS) courses.		
Other Advisor Approved Electives		
CJ 481R	Internship (1-12) (Strongly Recommended)	
Elective Requirements:		8 Credits
Complete any 1000 course or higher		8

Graduation Requirements:

1. Completion of a minimum of 120 semester credits with 40 semester credits from 3000- and 4000-level courses.
2. Overall grade point average of 2.0 (C) or above. Must have a grade of C- or higher in all discipline core and criminal justice elective requirements.
3. Residency hours: minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
4. Completion of GE and specified departmental requirements. Students are responsible for completing all prerequisite courses.
5. Successful completion of at least one Global/Intercultural course.

Criminal Justice, B.S.**Careers**

1. Students should acquire general knowledge about the criminal justice system, including familiarity with the criminal law, victimization, the adjudication process, corrections options, police-community relations, evidence, ethics and theory.
2. Students will demonstrate the skills necessary to communicate effectively in writing, solve complex problems demonstrating they can see problems from multiple perspectives and still support their final conclusions with persuasive arguments.
3. Students can describe and implement the main principles of the United States Constitution. Specifically, they will demonstrate they can properly apply Constitutional principles relating to individual rights and due process to actual criminal justice problems.
4. Students will be able to discuss the complexity of cultural diversity and ethical issues within the criminal justice system.
5. Students will design and conduct an original research study on a topic related to the study of CJ.

Related Careers

- Managers, All Other
- Criminal Justice and Law Enforcement Teachers, Postsecondary

- First-Line Supervisors of Police and Detectives

Forensic Science - Forensic Investigation Emphasis, B.S.

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Requirements

The Forensic Investigation Emphasis within the BS in Forensic Science provides an interdisciplinary program that prepares students for public, state, and federal careers with needed forensic investigation subject matter expertise and analytical skills. This emphasis exposes students to the wide variety of critically important forensic investigation techniques, which are currently practiced within various forensic service providers and law enforcement agencies. Students are exposed to various techniques such as the identification and proper collection of evidence found at crime scenes, accurate crime scene documentation skills, forensic photography, death investigations, fingerprint processing/examinations, impression evidence/examination, bloodstain pattern analysis, crime scene reconstruction, firearms and tool mark evidence/examination. Students acquire skills such as critical thinking, writing, expert testimony, and analysis techniques specifically tailored for forensic investigation fieldwork. This emphasis provides students with the overall professional skills, work ethic, and demeanor required of forensic investigators.

Total Program Credits: 125

Matriculation Requirements:		
<ol style="list-style-type: none"> 1. Completion of all general education courses. 2. Completion of all lower division CJ courses with a B- grade or higher. 3. Completion of MATH 1080 (or MATH 1050 and MATH 1060), BIOL 1610, BIOL 1615, CHEM 1210, CHEM 1215, CHEM 1220, 1225, PHYS 2010, PHYS 2015 with a B- grade or higher. 4. Overall GPA of 2.7 or higher. 5. Application for admission to BS Forensic Science program. 6. Two academic letters of recommendation 		
General Education Requirements:		40 Credits
ENGL 1010	Introduction to Academic Writing CC	3
or ENGL 1005	Literacies and Composition Across Contexts CC (5.0)	
ENGL 2010	Intermediate Academic Writing CC	3
Complete one of the following:		5
MATH 1080	Precalculus QL (MATH 1050 or MATH 1060 will also fulfill this requirement) ¹	
Complete one of the following:		3
HIST 1700	American Civilization AS (3.0)	
HIST 1740	US Economic History AS (3.0)	
HIST 2700	US History to 1877 AS (3.0)	
and HIST 2710	US History since 1877 AS (3.0)	
POLS 1000	American Heritage SS (3.0)	
POLS 1100	American National Government AS (3.0)	
Complete the following:		
PHIL 205G	Ethics and Values IH GI	3
HLTH 1100	Personal Health and Wellness TE (2.0)	
or EXSC 1097	Fitness for Life TE	2

Criminal Justice/Law Enforcement

Distribution Courses:			
BIOL 1610	College Biology I BB		4
CHEM 1210	Principles of Chemistry I PP		4
PHYS 2010	College Physics I PP		3
CJ 1010	Introduction to Criminal Justice SS		3
Humanities Distribution ¹			3
Fine Arts Distribution ²			3
Discipline Core Requirements:			34 Credits
Forensic Science Foundational Courses:			
CJ 1330	Criminal Law		3
CJ 1350	Introduction to Forensic Science		3
CJ 2350	Laws of Evidence		3
BIOL 1615	College Biology I Laboratory		1
CHEM 1215	Principles of Chemistry I Laboratory		1
CHEM 1220	Principles of Chemistry II PP		4
CHEM 1225	Principles of Chemistry II Laboratory		1
PHYS 2015	College Physics I Lab		1
PHYS 2020	College Physics II PP		4
PHYS 2025	College Physics II Lab		1
FSCI 3400	Criminalistics		3
FSCI 3820	Crime Scene Investigation Techniques I WE		3
FSCI 3860	Forensic Microscopy		3
FSCI 3880	Forensic Experts/Professional Practices and the Legal System		3
Emphasis Requirements:			51 Credits
Complete one of the Following:			3
ZOOL 1090	Introduction to Human Anatomy and Physiology BB		
or	ZOOL 2320	Human Anatomy BB	
and	ZOOL 2325	Human Anatomy Laboratory (4.0)	
Complete the Following:			
CJ 1340	Criminal Investigations		3
FSCI 3300	Forensic Photography		3
FSCI 3700	Fingerprint Processing		3
FSCI 3720	Fingerprint Examination		3
FSCI 3780	Bloodstain Pattern Analysis		3
FSCI 3830	Crime Scene Investigation Techniques II WE		3
FSCI 4100	Forensic Pathology		3
FSCI 4200	Medicolegal Death Investigations		3
Complete one of the following as a Capstone Experience:			3
FSCI 481R	Forensic Science Internship		
FSCI 489R	Research in Forensic Investigations		
FSCI 4990	Forensic Investigation Capstone		
FSCI 491R	Directed Reading and Special Projects		
Emphasis Electives:			21 Credits

Complete 21 Credits from the Following (two course must be upper division):			21
FSCI 3500	Footwear and Tire Mark Evidence and Examination (3.0)		
FSCI 3540	Forensic Trace Analysis I (3.0)		
FSCI 3550	Forensic Trace Analysis II (3.0)		
FSCI 3600	Forensic Anthropology I (3.0)		
FSCI 3850	Marijuana Identification Certificate (3.0)		
FSCI 4000	Firearms Examination (3.0)		
FSCI 4050	Forensic Approaches to Cold Case Investigation (3.0)		
FSCI 4300	Forensic Genealogy (3.0)		
FSCI 4320	Genealogy Research Methods and Standards (3)		
FSCI 4350	Forensic Genealogy Seminar (3)		
FSCI 475R	Current Topics in Forensic Science (3.0)		
FSCI 491R	Directed Reading and Special Projects (1.0-9.0)		
CHEM 2310	Organic Chemistry I (4.0)		
CHEM 2315	Organic Chemistry I Laboratory (1.0)		
CHEM 2320	Organic Chemistry II (4.0)		
CHEM 2325	Organic Chemistry II Laboratory (1.0)		
CHEM 3600	Biological Chemistry (3.0)		
CHEM 3000	Analytical Chemistry (2.0)		
BIOL 3550	Molecular Biology (3)		
BIOL 3555	Experiments in Molecular Biology		
CHEM 3005	Analytical Chemistry Laboratory (2.0)		
CHEM 3605	Biological Chemistry Lab (1.0)		
CHEM 4000	Instrumental Analysis WE (2.0)		
CHEM 4005	Instrumental Analysis Laboratory (2.0)		
ENGL 3300	Collaborative Communication for Technology Professions (3.0)		
CJ 470G	Comparative Criminal Justice Systems GI (3.0)		
Any Upper Division CJ Course or Approved Elective			

Notes:

¹ COMM 1020 Public Speaking Recommended

² ART 1050 Photography I Recommended

Graduation Requirements:

1. Completion of a minimum of 125 or more semester credits 40 credits of which must be upper division.
2. A minimum grade of B- or higher is required in all Math, Chemistry, Biology, Physics, and FSCI Courses with an overall GPA of 3.0 to graduate.
3. Residency hours: minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
4. Completion of GE and specified departmental requirements.
5. Successful completion of at least one Global/Intercultural course.
6. Successful completion of at least two Writing Enriched courses.

Forensic Science - Forensic Investigation Emphasis, B.S.

Careers

1. Conduct proper crime scene documentation procedures, which include note taking, sketching, photography, crime scene reporting.
2. Identify physical evidence commonly encountered at crime scenes using various techniques from visual identification, alternate light source, and chemical enhancements.
3. Properly document, collect, and package physical evidence.
4. Analyze legal aspects as they pertain to forensic investigative work.
5. Evaluate basic to complex crime scenes critically.
6. Employ any reconstruction techniques such as bloodstain pattern analysis or shooting incident scene analysis.
7. Evaluate proper approaches/techniques for death investigations.
8. Analyze and correlate trauma to investigative planning and coordination between other agencies and the medical examiner systems.
9. Describe qualifications, requirements, professional practices and ethical skills needed of the forensic expert.

Related Careers

- Forensic Science Technicians
- Criminal Justice and Law Enforcement Teachers, Postsecondary

Forensic Science - Forensic Laboratory Emphasis, B.S.

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Requirements

The Forensic Laboratory Emphasis within the BS in Forensic Science provides students with a comprehensive science-based undergraduate education, which enables students to enter into a forensic science career. This emphasis provides the necessary technical and theoretical knowledge, skills, and abilities of modern forensic techniques. Students employ the theoretical and practical principles of chemistry, biology, physics, and mathematics in order to perform forensic science work commonly conducted within a crime laboratory. Science-based study and application of these principles expose students to a stimulating academic environment conducive to scholarly inquiry. Students gain the knowledge and ability for research-based projects and for potential improvement of the forensic community. Throughout this program, students utilize effective written and oral communication skills required of forensic experts, as well as demonstrate work ethic, professional demeanor, reliability, and proper interpersonal skills.

Total Program Credits: 126

Matriculation Requirements:	
<ol style="list-style-type: none"> 1. Completion of all general education courses. 2. Completion of all lower division CJ courses with a B- grade or higher. 3. Completion of MATH 1080 (or MATH 1050 and MATH 1060), BIOL 1610, BIOL 1615, CHEM 1210, CHEM 1215, CHEM 1220, 1225, PHYS 2010, PHYS 2015 with aB- grade or higher. 4. Overall GPA of 2.7 or higher. 5. Application for admission to BS Forensic Science program. 6. Two academic letters of recommendation. 	
General Education Requirements:	40 Credits
ENGL 1010	Introduction to Academic Writing CC 3

or	ENGH 1005	Literacies and Composition Across Contexts CC (5.0)	
	ENGL 2010	Intermediate Academic Writing CC	3
Complete one of the following:			4
	MATH 1080	Precalculus QL QL (MATH 1050 and MATH 1060 will also fulfill this requirement) ¹	
Complete one of the following:			3
	HIST 1700	American Civilization AS (3.0)	
	HIST 1740	US Economic History AS (3.0)	
	HIST 2700	US History to 1877 AS (3.0)	
and	HIST 2710	US History since 1877 AS (3.0)	
	POLS 1000	American Heritage SS (3.0)	
	POLS 1100	American National Government AS (3.0)	
Complete the following:			
	PHIL 205G	Ethics and Values IH GI	3
	HLTH 1100	Personal Health and Wellness TE (2.0)	
or	EXSC 1097	Fitness for Life TE	2
Distribution Courses:			
	BIOL 1610	College Biology I BB	4
	CHEM 1210	Principles of Chemistry I PP	4
	PHYS 2010	College Physics I PP	4
	CJ 1010	Introduction to Criminal Justice SS	3
	Humanities Distribution ¹		3
	Fine Arts Distribution ²		3
Discipline Core Requirements:			34 Credits
Forensic Science Foundational Courses:			
	CJ 1330	Criminal Law	3
	CJ 1350	Introduction to Forensic Science	3
	CJ 2350	Laws of Evidence	3
	BIOL 1615	College Biology I Laboratory	1
	CHEM 1215	Principles of Chemistry I Laboratory	1
	CHEM 1220	Principles of Chemistry II PP	1
	CHEM 1225	Principles of Chemistry II Laboratory	1
	PHYS 2015	College Physics I Lab	1
	PHYS 2020	College Physics II PP	4
	PHYS 2025	College Physics II Lab	1
	FSCI 3400	Criminalistics	3
	FSCI 3820	Crime Scene Investigation Techniques I WE	3
	FSCI 3860	Forensic Microscopy	3
	FSCI 3880	Forensic Experts/Professional Practices and the Legal System	3
Emphasis Requirements:			51 Credits
	MATH 1210	Calculus I QL (Requires MATH 1080 or MATH 1050 & MATH 1060) ²	5
	STAT 2040	Principles of Statistics QL	4

Criminal Justice/Law Enforcement

	BIOL 1620	College Biology II	3
	BIOL 1625	College Biology II Laboratory	1
	BIOL 3500	Genetics	3
	BIOL 3600	Biological Chemistry	3
	BIOL 3605	Biological Chemistry Lab	1
	CHEM 2310	Organic Chemistry I	4
	CHEM 2315	Organic Chemistry I Laboratory	1
	CHEM 2320	Organic Chemistry II	4
	CHEM 2325	Organic Chemistry II Laboratory	1
	CHEM 3000	Analytical Chemistry	2
or	BIOL 3550	Molecular Biology	
	CHEM 3005	Analytical Chemistry Laboratory	2
or	BIOL 3555	Experiments in Molecular Biology	
	CHEM 4000	Instrumental Analysis WE	2
or	BIOL 4500	Principles of Evolution WE	
	CHEM 4005	Instrumental Analysis Laboratory	2
or	BIOL 3515	Advanced Genetics Laboratory	
	FSCI 3540	Forensic Trace Analysis I	3
	FSCI 3550	Forensic Trace Analysis II	
	FSCI 443R	Directed Research in Forensic Science	3
or	FSCI 481R	Forensic Science Internship	
Emphasis Electives:			5 Credits
Complete 5 credits from the following			5
	FSCI 3300	Forensic Photography (3.0)	
	FSCI 3500	Footwear and Tire Mark Evidence and Examination (3.0)	
	FSCI 3600	Forensic Anthropology I (3.0)	
	FSCI 3720	Fingerprint Examination (3.0)	
	FSCI 3780	Bloodstain Pattern Analysis (3.0)	
	FSCI 3830	Crime Scene Investigation Techniques II WE (3.0)	
	FSCI 3850	Marijuana Identification Certificate (3.0)	
	FSCI 4000	Firearms Examination (3.0)	
	FSCI 4050	Forensic Approaches to Cold Case Investigations (3.0)	
	FSCI 4100	Forensic Pathology (3.0)	
	FSCI 4200	Medicolegal Death Investigations (3.0)	
	FSCI 4300	Forensic Genealogy (3.0)	
	FSCI 4320	Genealogy Research Methods and Standards (3.0)	
	FSCI 4350	Forensic Genealogy Seminar (3.0)	
	FSCI 475R	Current Topics in Forensic Science (3.0)	
	CJ 470G	Comparative Criminal Justice Systems GI (3.0)	
	ENGL 3300	Collaborative Communication for Technology Professions (3.0)	
	Any Upper Division CJ Course or Approved Elective		

Notes:

¹ COMM 1020 Public Speaking HH Recommended

² ART 1050 Photography I FF Recommended

Graduation Requirements:

1. Completion of a minimum of 125 or more semester credits, 40 credits of which must be upper division.
2. A minimum grade of B- or higher is required in all Math, Chemistry, Biology, Physics, and FSCI Courses with an overall GPA of 3.0 to graduate.
3. Residency hours: minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
4. Completion of GE and specified departmental requirements.
5. Successful completion of at least one Global/Intercultural course.
6. Successful completion of two Writing Enriched courses.

Forensic Science - Forensic Laboratory Emphasis, B.S.

Careers

1. Demonstrate theoretical knowledge, skills and abilities of modern forensic techniques.
2. Identify evidence commonly found at crime scenes.
3. Scientifically analyze evidence used in criminal investigations.
4. Analyze principles of biology, chemistry, physics and mathematics as they pertain to the performance of forensic science work commonly conducted within a crime laboratory.
5. Evaluate scientific results of the analysis of physical evidence and correlate their importance to criminal investigations.
6. Describe legal aspects as it pertains to forensic science.
7. Describe qualifications, requirements, professional practices and ethical skills needed of the forensic expert.

Related Careers

- Forensic Science Technicians
- Criminal Justice and Law Enforcement Teachers, Postsecondary

National Security Studies, B.A.

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Requirements

The BA/BS in National Security Studies (NSS) will provide an interdisciplinary program that prepares students for public and private sector national security careers through acquisition of subject matter expertise and analytical skills. This baccalaureate degree program will expose students to the wide variety of critically important security challenges and issues faced in the twenty-first century such as: terrorism and cyber security, nuclear proliferation and weapons of mass destruction, piracy and global pandemics, sovereignty and the use of force, and civil liberties and the rule of law. Students will also acquire skills such as critical thinking, writing, briefing, and analysis techniques specifically tailored for the national security field, but applicable in many others. Whether students are interested in counterterrorism, homeland security, intelligence gathering and analysis, foreign relations, law and politics, diplomacy, or international development, the NSS BA/BS will provide insight and skills needed to succeed in these professions.

Total Program Credits: 120

General Education Requirements:		36 Credits
ENGL 1010	Introduction to Academic Writing CC	3

or	ENGH 1005	Literacies and Composition Across Contexts CC (5)	
	ENGL 2010	Intermediate Academic Writing CC	3
Complete one of the following:			3
	MAT 1030	Quantitative Reasoning QL (3) (recommended)	
	MAT 1035	Quantitative Reasoning with Integrated Algebra QL (6)	
	STAT 1040	Introduction to Statistics QL (3)	
	STAT 1045	Introduction to Statistics with Algebra QL (5)	
	MATH 1050	College Algebra QL (4) (recommended for Business, Education, Science, and Health Professions majors)	
	MATH 1055	College Algebra with Preliminaries QL (5)	
	MATH 1090	College Algebra for Business QL (3)	
Complete one of the following:			3
	HIST 1700	American Civilization AS (3)	
or	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
	HLTH 1100	Personal Health and Wellness TE (2.0)	
or	EXSC 1097	Fitness for Life TE	2
Distribution Courses:			
	Biology		3
	Physical Science		3
	Additional Biology or Physical Science		3
	Humanities (any foreign language 202G/2020 course)		4
	Fine Arts		3
	Social/Behavioral Science		3
Discipline Core Requirements:			42 Credits
	POLS 1100	American National Government AS	3
	NSS 2010	Introduction to National Security WE	3
	POLS 2100	Introduction to International Relations SS	3
	NSS 3050	US Intelligence Community	3
	NSS 301R	National Security Area Studies	3
	NSS 4210	Law of War WE	3
	NSS 4250	National Security Career Strategies	3
	NSS 4300	Intelligence Cycle and Collections	3
	NSS 4400	Statecraft and Strategy	3
	NSS 4600	National Security Law	3
	NSS 475R	Current Topics in National Security	3
	POLS 3680	International Political Economy	3
	POLS 4500	International Conflict and Security	3
	NSS 4990	National Security Capstone Seminar	3
Elective Requirements:			42 Credits

Complete 21 credits from the following:		21
NSS 3350	The Cold War--Culture and Politics	
NSS 4800	Intelligence Analysis and Tradecraft (3)	
NSS 481R	National Security Internship (1-9)	
NSS 491R	Directed Readings and Special Projects in National Security (1-3)	
CNST 4795	Civil Rights and Civil Liberties (3)	
CJ 3340	Terrorism and the Criminal Justice System (3)	
CJ 4160	Constitutional Criminal Rights (3)	
HIST 3440	The History of World War I (3)	
HIST 345G	The History of World War II GI (3)	
HIST 4140	Genocide in the Twentieth Century (3)	
HIST 430G	Violence and Social Conflict in Latin America GI (3)	
ESMG 310G	Introduction to Homeland Security GI (3)	
IT 2700	Information Security Fundamentals (3)	
MILS 259R	Current Topics in Military Science (3)	
MILS 4200	The Profession of Arms I (3)	
MILS 4210	The Profession of Arms II (3)	
PJST 3020	The Ethics of War and Peace (3)	
PJST 3100	Introduction to Human Security (3)	
PJST 3400	Conflict Transformation Resolution and Sustainable Peace (3)	
POLS 3100	Survey of International Terrorism (3)	
POLS 3150	US Presidency (3)	
POLS 3210	World Diplomacy (3)	
POLS 3400	American Foreign Policy (3)	
POLS 3500	International Relations of the Middle East (3)	
POLS 3600	International Relations of East Asia WE (3)	
POLS 3610	International Organization WE (3)	
POLS 4610	International Law (3)	
Any other course approved by the NSS Director or Academic Advisor		
One Foreign Language		12
All other non-discipline electives		9

Graduation Requirements:

1. Completion of a minimum of 120 or more semester credits, 40 credits must be upper-division.
2. Overall grade point average of 2.0 (C) or above.
3. All discipline and core requirements must be passed with a C- or higher.
4. Residency hours: minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
5. Completion of GE and specified departmental requirements.
6. Successful completion of at least one Global/Intercultural course.
7. Completion of 12 credit hours of course work from one language, to include the 1010, 1020, 2010, and 202G/2020 levels or transferred equivalent.

National Security Studies, B.A.

Careers

1. Acquire general knowledge about the U.S. national security system and process, including familiarity with the National Security Council, executive departments and agencies, presidential powers, congressional roles and powers, applicable international and domestic law, and current geographical and functional issues in the national security field.
2. Gain skills through class simulations and instruction in analytical thinking and reasoning, professional writing, and public speaking and presenting.
3. Apply both theoretical and practical approaches to complex national security problems, employing appropriate context to a decision-making framework.

Related Careers

- Managers, All Other
- Political Scientist
- Political Science Teachers, Postsecondary

National Security Studies, B.S.

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Requirements

The BA/BS in National Security Studies (NSS) will provide an interdisciplinary program that prepares students for public and private sector national security careers through acquisition of subject matter expertise and analytical skills. This baccalaureate degree program will expose students to the wide variety of critically important security challenges and issues faced in the twenty-first century such as: terrorism and cyber security, nuclear proliferation and weapons of mass destruction, piracy and global pandemics, sovereignty and the use of force, and civil liberties and the rule of law. Students will also acquire skills such as critical thinking, writing, briefing, and analysis techniques specifically tailored for the national security field, but applicable in many others. Whether students are interested in counterterrorism, homeland security, intelligence gathering and analysis, foreign relations, law and politics, diplomacy, or international development, the NSS BA/BS will provide insight and skills needed to succeed in these professions.

Total Program Credits: 120

General Education Requirements:		35 Credits
	ENGL 1010 Introduction to Academic Writing CC	3
or	ENGL 1005 Literacies and Composition Across Contexts CC (5)	
	ENGL 2010 Intermediate Academic Writing CC	3
Complete one of the following:		3
	MAT 1030 Quantitative Reasoning QL (3)	
	MAT 1035 Quantitative Reasoning with Integrated Algebra QL (6)	
	STAT 1040 Introduction to Statistics QL (3)	
	STAT 1045 Introduction to Statistics with Algebra QL (5)	
	MATH 1090 College Algebra for Business QL (3)	
	MATH 1050 College Algebra QL (4) (recommended for Business, Education, Science, and Health Professions majors)	

	MATH 1055 College Algebra with Preliminaries QL (5)	
Complete one of the following:		3
	HIST 1700 American Civilization AS (3)	
or	HIST 2700 US History to 1877 AS (3)	
and	HIST 2710 US History since 1877 AS (3)	
Complete the following:		
	PHIL 2050 Ethics and Values IH	3
	HLTH 1100 Personal Health and Wellness TE (2.0)	
or	EXSC 1097 Fitness for Life TE	2
Distribution Courses:		
	Biology	3
	Physical Science	3
	Additional Biology or Physical Science	3
	Humanities	3
	Fine Arts	3
	Social/Behavioral Science	3
Discipline Core Requirements:		42 Credits
	POLS 1100 American National Government AS	3
	NSS 2010 Introduction to National Security WE	3
	POLS 2100 Introduction to International Relations SS	3
	NSS 3050 US Intelligence Community	3
	NSS 301R National Security Area Studies	3
	NSS 4210 Law of War WE	3
	NSS 4250 National Security Career Strategies	3
	NSS 4300 Intelligence Cycle and Collections	3
	NSS 4400 Statecraft and Strategy	3
	NSS 4600 National Security Law	3
	NSS 475R Current Topics in National Security	3
	POLS 3680 International Political Economy	3
	POLS 4500 International Conflict and Security	3
	NSS 4990 National Security Capstone Seminar	3
Elective Requirements:		43 Credits
	Complete 28 credits from the following:	28
	NSS 3350 The Cold War--Culture and Politics (3)	
	NSS 4800 Intelligence Analysis and Tradecraft (3)	
	NSS 481R National Security Internship (1-9)	
	NSS 491R Directed Readings and Special Projects in National Security (1-3)	
	CNST 4795 Civil Rights and Civil Liberties (3)	
	CJ 3340 Terrorism and the Criminal Justice System (3)	
	CJ 4160 Constitutional Criminal Rights (3)	
	HIST 3440 The History of World War I (3)	
	HIST 345G The History of World War II GI (3)	
	HIST 4140 Genocide in the Twentieth Century (3)	

HIST 430G	Violence and Social Conflict in Latin America GI (3)	
ESMG 310G	Introduction to Homeland Security GI (3)	
IT 2700	Information Security Fundamentals (3)	
MILS 259R	Current Topics in Military Science (3)	
MILS 4200	The Profession of Arms I (3)	
MILS 4210	The Profession of Arms II (3)	
PJST 3020	The Ethics of War and Peace (3)	
PJST 3100	Introduction to Human Security (3)	
PJST 3400	Conflict Transformation Resolution and Sustainable Peace (3)	
POLS 3100	Survey of International Terrorism (3)	
POLS 3150	US Presidency (3)	
POLS 3210	World Diplomacy (3)	
POLS 3400	American Foreign Policy (3)	
POLS 3500	International Relations of the Middle East (3)	
POLS 3600	International Relations of East Asia WE (3)	
POLS 3610	International Organization WE (3)	
POLS 4610	International Law (3)	
Any other course approved by the NSS Director or Academic Advisor		
All other non-discipline electives		15

Graduation Requirements:

1. Completion of a minimum of 120 or more semester credits, 40 credits must be upper-division.
2. Overall grade point average of 2.0 (C) or above.
3. All discipline and core requirements must be passed with a C- or higher.
4. Residency hours: minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
5. Completion of GE and specified departmental requirements.
6. Successful completion of at least one Global/Intercultural course.

National Security Studies, B.S.**Careers**

1. Acquire general knowledge about the U.S. national security system and process, including familiarity with the National Security Council, executive departments and agencies, presidential powers, congressional roles and powers, applicable international and domestic law, and current geographical and functional issues in the national security field.
2. Gain skills through class simulations and instruction in analytical thinking and reasoning, professional writing, and public speaking and presenting.
3. Apply both theoretical and practical approaches to complex national security problems, employing appropriate context to a decision-making framework.

Related Careers

- Managers, All Other
- Political Scientist
- Political Science Teachers, Postsecondary

Culinary Arts Institute

DEPARTMENT CHAIR

WILSON, Troy Associate Professor

FACULTY

FALLIS, Diana Associate Professor

FRANCOM, Kenneth Assistant Professor

LEONARD, Todd Associate Professor

MCRAE, Joseph Assistant Professor

RODDY, Meghan Associate Professor

SPROUL, Peter Associate Professor

WILSON, Troy Associate Professor

Degrees & Programs

Culinary Arts, A.A.S.

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Requirements

The Culinary Arts Institute (CAI) at UVU provides premier training for students interested in a career in professional cooking or baking. The program offers small, hands-on classes, focusing on individualized attention and development. The Culinary Arts Institute provides experience, through "engage" industry based learning.

The Culinary Arts Institutes comprehensive course of study covers several service areas; including not only learning how to cook and bake, but key requirement to success such as; customer service, business and finance management, marketing and advertising. CAI students learn how to apply these skills to a variety of food service establishments and operations. The practical and theoretical instruction covers such areas as food service safety and sanitation, professional dining room service, menu planning, nutrition and purchasing-storeroom management procedures.

While studying Culinary Arts at UVU, students gain a solid understanding of the food and beverage industry and learn the newest techniques in food and baking production using state-of-the-art equipment in our kitchen labs. The CAI also applies real world training as students run, full service, fine dining operations at Restaurant Forte, located in the UCCU Center and the Canyon Park Café located the Culinary Arts Institute in North Orem. These industry based learning models allow students to work with a wide range of foods while directly interacting with the public. In order to get the full breadth of running their own food service establishment, students work in a variety of functions including waiting tables, purchasing, preparing food, hosting, and supervising as the head chef.

Total Program Credits: 63

Matriculation Requirements:	
1. Completion of the following courses with a grade of C- or better. CA 1160 Culinary Math; CA 1490 Food Service Sanitation (including current ServSafe certification); MAT 0990 Introductory Algebra; ENGH 1005 Literacies and Composition Across Contexts CC or ENGL 1010 Introduction to Academic Writing CC.	
2. Acceptance into the Culinary Arts Institute by completion of application process (see Advisor for specific details).	
3. Overall GPA: 2.0 or better.	
General Education Requirements:	10 Credits
ENGLISH:	

ENGL 1010	Introduction to Academic Writing CC	3
or ENGH 1005	Literacies and Composition Across Contexts CC (5)	
MATHEMATICS:		
FIN 1060	Personal Finance SS	3
SOCIAL AND BEHAVIORAL SCIENCE		3
PHYSICAL EDUCATION/HEALTH/SAFETY OR ENVIRONMENT		1
Discipline Core Requirements:		53 Credits
CA 1120	Cooking Skills Development	5
CA 1140	Professional Dining Room Services	1
CA 1150	Nutrition and Food Service	3
CA 1160	Culinary Math	1
CA 1170	Pastry and Baking Skills	5
CA 1180	Professional Kitchen Garde Manger	5
CA 1230	Professional Kitchen I Cooking	5
CA 1310	Purchasing and Storeroom Management	3
CA 1320	Culinary Management	3
CA 1490	Food Service Sanitation	1
CA 2120	Professional Kitchen II Restaurant	5
CA 2130	Advanced Pastry Baking	5
CA 2450	Menu Design	2
CA 282R	Culinary Arts Internship	6
HM 1010	Introduction to Hospitality Industry	3

Graduation Requirements:

1. Completion of a minimum of 63 semester credits.
2. Overall grade point average of 2.0 (C) or above with no grade below a "C-" in culinary arts or other discipline core courses.
3. Residency hours--minimum of 20 credit hours through course attendance at UVU.

Note: Students are responsible for completing all prerequisite courses.

Culinary Arts, A.A.S.

Careers

1. Demonstrate the ability to succeed in the professional kitchen environment.
2. Understand and recognize kitchen culture.
3. Overcome obstacles through proper procedure and critical thinking.

Related Careers

- Chefs and Head Cooks
- First-Line Supervisors of Food Preparation and Serving Workers
- Cooks, Private Household
- Cooks, Restaurant
- Cooks, All Other

Baking and Pastry, Certificate of Proficiency

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Requirements

The Certificate of Proficiency in Baking and Pastry is offered by the Culinary Arts Institute at UVU and is available for all UVU students. This certificate will be available from the University for college students/adults looking for entry-level skills leading to direct employment in the baking and pastry field. The focus is to provide students an opportunity to obtain a certificate of proficiency in a Career and Technical Education (CTE) field that will stack into certificates and associate degrees at UVU.

Total Program Credits: 16

Discipline Core Requirements:			16 Credits
	CA 1140	Professional Dining Room Services	1
	CA 1150	Nutrition and Food Service	3
	CA 1160	Culinary Math	1
	CA 1170	Pastry and Baking Skills	5
	CA 1490	Food Service Sanitation	1
	CA 2130	Advanced Pastry Baking	5

Graduation Requirements:

1. Completion of a minimum of 16 semester credits.
2. Overall grade point average of 2.0 (C) or above with no grade below a "C-" in culinary arts or other discipline core courses.
3. Residency hours--minimum of 4 credit hours through course attendance at UVU.

Baking and Pastry, Certificate of Proficiency Careers

1. Prepare individuals to obtain baking and pastry employment upon completion.
2. Provide shortened additional and advanced training for individuals already working in the industry.
3. Understand basic and advanced baking and pastry techniques, terms, mise en place, sanitation, and safety.
4. Produce basic baking and pastry items including cookies, breads, custards, quick breads, pies, meringues, and pate a choux.
5. Produce advanced baking and pastry items including cakes, cake decoration, filling, dessert sauces, petit fours, and rolled-in doughs.

Related Careers

- Chefs and Head Cooks
- Bakers

Entry Kitchen, Certificate of Proficiency

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Requirements

The Certificate of Proficiency in Entry Kitchen is offered by the Culinary Arts Institute at UVU and is available for all UVU students. This certificate will be available from the University for college students/adults looking for beginning skills leading to direct employment in a restaurant in the prep kitchen or bakery. The focus is to provide students an opportunity to obtain a certificate of proficiency in a Career and Technical Education (CTE) field that will stack into certificates and associate degrees at UVU.

Total Program Credits: 16

Discipline Core Requirements:			16 Credits
	CA 1120	Cooking Skills Development	5
	CA 1140	Professional Dining Room Services	1
	CA 1150	Nutrition and Food Service	3
	CA 1160	Culinary Math	1
	CA 1170	Pastry and Baking Skills	5
	CA 1490	Food Service Sanitation	1

Graduation Requirements:

1. Completion of a minimum of 16 semester credits.
2. Overall grade point average of 2.0 (C) or above with no grade below a "C-" in culinary arts or other discipline core courses.
3. Residency hours--minimum of 4 credit hours through course attendance at UVU.

Entry Kitchen, Certificate of Proficiency Careers

1. Prepare individuals to obtain entry level baking & pastry or cooking employment upon completion.
2. Understand basic cooking and baking & pastry technics, methods, terms, mise en place, sanitation, and safety.
3. Produce basic baking and pastry items including cookies, breads, custards, quick breads, pies, meringues, and pate a choux.
4. Produce basic culinary items including knife cuts, stocks, sauces, poultry fabrication, fish fabrication, and breakfast items.
5. Provide shortened additional and advanced training for individuals already working in the industry.

Related Careers

- Chefs and Head Cooks
- Bakers

Professional Kitchen, Certificate of Proficiency

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Requirements

The Certificate of Proficiency in Professional Cooking is offered by the Culinary Arts Institute at UVU and is available for all UVU students. This certificate will be available from the University for college students/adults looking for advanced skills leading to direct employment in a restaurant on the hotline. The focus is to provide students an opportunity to obtain a certificate of proficiency in a Career and Technical Education (CTE) field that will stack into certificates and associate degrees at UVU.

Total Program Credits: 16

Discipline Core Requirements:			16 Credits
	CA 1120	Cooking Skills Development	5
	CA 1230	Professional Kitchen I Cooking	5
	CA 1490	Food Service Sanitation	1
	CA 2120	Professional Kitchen II Restaurant	5

Graduation Requirements:

1. Completion of a minimum of 16 semester credits.
2. Overall grade point average of 2.0 (C) or above with no grade below a "C-" in culinary arts or other discipline core courses.

Culinary Arts Institute

3. Residency hours--minimum of 4 credit hours through course attendance at UVU.

Professional Kitchen, Certificate of Proficiency Careers

1. Understand basic and advanced cooking techniques, methods, terms, mise en place, sanitation, and safety.
2. Produce basic culinary items including knife cuts, stocks, sauces, poultry fabrication, fish fabrication, and breakfast items.
3. Produce advanced culinary items including meat fabrication, advanced sauces, potatoes, starches, restaurant quality entrees and appetizers, and soups.
4. Prepare individuals to obtain culinary employment upon completion.
5. Provide shortened additional and advanced training for individuals already working in the industry.

Related Careers

- Chefs and Head Cooks
- Bakers

Cybersecurity Graduate Programs

FACULTY

HAMDAN, Basil Associate Professor

Degrees & Programs

Cybersecurity, M.S.

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Requirements

The Master of Science in Cybersecurity is intended for individuals who desire to acquire additional cybersecurity knowledge, skills, and abilities in order to pursue new or advance existing careers in cybersecurity. The program is also designed for individuals who plan to pursue doctorate degrees in cybersecurity or related fields. The program focuses on the managerial and technical perspectives of cybersecurity through extensive use of case-studies and hands-on lab exercises.

Total Program Credits: 30

Matriculation Requirements:		
<ol style="list-style-type: none"> Bachelor's degree with a GPA of at least 3.2 on a 4.0 scale from an accredited institution in one of the following fields: (Applicants who have bachelor's degrees in other fields may be admitted to the program if they have at least two years of technology or cybersecurity industry experience and have completed undergraduate courses in data communication, programming, and server administration with a grade of C+ or better. Students may also take a comprehensive exam on these topics to satisfy this admission requirement. These applications will be handled on a case-by-case basis.) <ol style="list-style-type: none"> Information Systems Information Security Information Technology Computer Science Admission essay. Completed application for admission. Official transcripts from all attended institutions of higher education. Two letters of recommendation 		
Discipline Core Requirements:		21 Credits
IT 6300	Principles of Cybersecurity	3
IT 6330	Cybersecurity Operations	3
IT 6350	Law/Ethics/ Privacy in Cybersecurity	3
IT 6370	Penetration Testing and Vulnerability Assessment	3
IT 6740	Advanced Network Defense and Countermeasures	3
IT 6770	Cybersecurity Management	3

	IT 6900	Cybersecurity Capstone	3
Elective Requirements:			9 Credits
Choose 9 credits from the following:			9
	IT 6660	Advanced Network Forensics (3.0)	
	IT 6750	Reverse Engineering and Malware Analysis (3.0)	
	IT 6780	Secure Coding (3.0)	
	INFO 6420	Web and Mobile Application Security (3.0)	
	or other departmental approved electives		

Graduation Requirements:

- Complete all courses with a grade of B- or better with an overall GPA of 3.0 or higher.
- Courses must be finished within a five-year period. No courses will apply toward graduation that are older than five years.

Cybersecurity, M.S.

Careers

- Demonstrate an understanding of the technical and managerial aspects of cybersecurity.
- Demonstrate the ability to solve cybersecurity related problems and to make effective cybersecurity decisions in a dynamic and constantly changing environment.
- Demonstrate proficiency in using the tools, techniques, and technologies related to the identification and mitigation of cybersecurity threats.
- Develop an understanding of risk management methods as they relate to cybersecurity.
- Develop an understanding of the legal, regulatory, and ethical issues surrounding cybersecurity.

Related Careers

- Computer and Information Systems Managers
- Information Security Analysts
- Database Administrators
- Network and Computer Systems Administrators
- Computer Network Architects
- Computer Network Support Specialists

Dance

DEPARTMENT CHAIR

CAMPBELL, Monica *Associate Professor*

FACULTY

BANCHERO-KELLEHER, Angela *Professor*

BOYD, Tara *Lecturer*

CAMPBELL, Monica *Associate Professor*

DONOHUE, Sarah *Assistant Professor*

GERKE, Brian *Assistant Professor*

JOHNSON, Jamie *Assistant Professor*

MARKGRAF JACOBSON, Amy *Professor*

ORTEGA, Nichole *Associate Professor*

POTTS, Kaitlyn *Lecturer*

ST. JOHN, Christa *Assistant Professor*

WALLENTINE, Corinne *Lecturer*

WITT, Christopher *Associate Professor*

ZUBAL, Stefan *Assistant Professor*

Degrees & Programs

Dance, A.S.

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Requirements

The Associate of Science in Dance is a two-year pre-major degree that provides students with basic foundational knowledge and skills in dance. Students are engaged in an array of courses to include Modern/Contemporary Dance, Ballet, and Jazz technique, improvisation, composition, dance conditioning, and somatic studies. Students pursuing the Bachelor degrees will also fulfill the requirements of the AS degree and are eligible to apply for it at graduation.

Total Program Credits: 60

General Education Requirements:		33 Credits
	ENGL 1010 Introduction to Academic Writing CC	3
or	ENGL 1005 Literacies and Composition Across Contexts CC (5)	
	ENGL 2010 Intermediate Academic Writing CC	3
Complete one of the following:		3
	MAT 1030 Quantitative Reasoning QL (3)	
	MAT 1035 Quantitative Reasoning with Integrated Algebra QL (6)	
	STAT 1040 Introduction to Statistics QL (3)	
	STAT 1045 Introduction to Statistics with Algebra QL (5)	
	MATH 1050 College Algebra QL (recommended for Business, Education, Science, and Health Professions majors) (4)	
	MATH 1055 College Algebra with Preliminaries QL (5)	
	MATH 1090 College Algebra for Business QL (3)	
Complete one of the following:		3

	HIST 2700 US History to 1877 AS (3)	
and	HIST 2710 US History since 1877 AS (3)	
	HIST 1700 American Civilization AS (3)	
	HIST 1740 US Economic History AS (3)	
	POLS 1000 American Heritage SS (3)	
	POLS 1100 American National Government AS (3)	
Complete the following:		
	PHIL 2050 Ethics and Values IH	3
Distribution Courses:		
	Biology (BIOL 1010 recommended)	3
	Physical Science	3
	Additional Biology or Physical Science (ZOO 1090 recommended)	3
	Humanities Distribution	3
	DANC 2110 Orientation to Dance FF	3
	Social/Behavioral Science	3
Discipline Core Requirements:		22 Credits
	DANC 127R Ballet Technique I (2 semesters)	6
	DANC 143R Modern/Contemporary Dance Technique and Theory I/Semester I	3
	DANC 144R Modern/Contemporary Dance Technique and Theory I/Semester II	3
	DANC 161R Dance Conditioning	1
	DANC 2330 Improvisation	1
	DANC 2340 Composition	2
	DANC 265R Fundamentals of Movement	2
or	DANC 2670 Introduction to Laban Studies (2)	
	DANC 256G Dance as a Cultural Practice I GI	3
Choose one of the following:		1
	DANC 150R Beginning Jazz Dance (1)	
	DANC 151R Intermediate Jazz Dance (1)	
	DANC 156R African Dance I (1)	
	DANC 158R Tap Dance I (1)	
	DANC 159R Hip Hop I (1)	
	DANC 160R Hip Hop II (1)	
	DANC 162R Polynesian Dance I (1)	
	DANC 170R American Social Dance I (1)	
Elective Requirements:		5 Credits
Complete 2 credits from the following:		2
	DANC 171R International Ballroom Dance I (1)	
	DANC 172R Latin Ballroom Dance I (1)	
	DANC 2100 Teaching Dance for Children FF (3)	
	DANC 221R Pointe II (1)	
	DANC 222R Allegro Dance II (1)	
	DANC 225R Character Dance I (1)	
	DANC 227R Ballet Technique II (3)	
	DANC 2350 Dance and Technology (2)	

	DANC 243R	Modern/Contemporary Dance Technique and Theory Level II / Semester I (3)	
	DANC 244R	Modern/Contemporary Dance Technique and Theory Level II/ Semester II (3)	
	DANC 247R	Repertory (1)	
	DANC 248R	Special Topics In Dance (2)	
	DANC 250R	Advanced Jazz Dance (2)	
	DANC 256R	African Dance II (1)	
	DANC 270R	American Social Dance II (1)	
	DANC 271R	International Ballroom Dance II (1)	
	DANC 272R	Latin Ballroom Dance II (1)	
	DANC 276R	Ballroom Dance Company Back-Up Team (1)	
	DANC 281R	Internship in Dance I (1-3)	
Complete 3 credits from any 1000 level or 2000 level course(s)			3

Graduation Requirements:

1. Completion of a minimum of 60 semester credits.
2. Overall grade point average of 2.0 (C) or above. (Departments may require a higher GPA.)
3. Residency hours -- minimum of 20 credit hours through course attendance at UVU.
4. Completion of GE and specified departmental requirements.

Dance, A.S.**Careers**

1. Level I technical competency in Ballet, Modern, and Jazz Dance.
2. Level I competency in dance improvisation and composition.
3. Level II performance in Ballet, Modern, and/or Ballroom Dance.
4. Beginning competency in Laban Movement Analysis, Bartenieff Fundamentals, and Dance Conditioning.
5. Beginning Level competency in applying concepts of music to dance.
6. Written and oral communication skills specific to the field of dance.

Related Careers

- Art, Drama, and Music Teachers, Postsecondary
- Dancers
- Choreographers

Ballroom Dance, Certificate of Proficiency

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Requirements

Promotes access to an appreciation for ballroom dance. Provides rigorous instruction in ballroom dance technique. Focuses on performance skills and teaching methods of ballroom dance. Prepares students to enter the field of ballroom dance as artists, teachers, choreographers, critical thinkers, problem solvers, and engaged human beings.

Total Program Credits: 19

Discipline Core Requirements:			19 Credits
	DANC 270R	American Social Dance II	1
or	DANC 370R	American Social Dance III	
	DANC 370R	American Social Dance III	1
	DANC 271R	International Ballroom Dance II	1
or	DANC 371R	International Ballroom Dance III	
	DANC 371R	International Ballroom Dance III	1
	DANC 471R	International Ballroom Dance IV	2
	DANC 272R	Latin Ballroom Dance II	1
or	DANC 372R	Latin Ballroom Dance III	
	DANC 372R	Latin Ballroom Dance III	1
	DANC 472R	Latin Ballroom Dance IV	2
	DANC 3730	American Social Dance Teaching Methods	2
	DANC 4740	International Ballroom and Latin Theory	3
	DANC 376R	Ballroom Dance Company Back-up Tour Team (Two semesters required)	4
or	DANC 476R	Ballroom Dance Company Tour Team	

Graduation Requirements:

1. Complete a minimum of 19 programs credits.
2. Overall GPA 2.0 (C) or above.
3. Residency hours - minimum of 5 credit hours through course attendance at UVU.

Ballroom Dance, Certificate of Proficiency**Careers**

1. Perform ballroom dance figures using proper technique.
2. Perform ballroom dance choreography with artistry.
3. Teach ballroom dance with proficiency.
4. Create choreographic works demonstrating skill in the choreographic principles.

Dance - Ballet Emphasis, B.F.A.

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Requirements

The BFA in Dance with an emphasis in Ballet at Utah Valley University offers a rigorous program grounded in technique, performance, and choreography that is approached through a historical, somatic, scientific, and theoretical lens. The common core curriculum provides a broad knowledge base that supports the Ballet Program's specialized courses. Performance opportunities include- Repertory Ballet Ensemble (RBE), a pre-professional performing ensemble that has earned a

Dance

notable reputation for their presentation of classical and contemporary choreography, Utah Metropolitan Ballet (UMB) a professional ballet company in residence at UVU, and Senior Capstone concerts, which culminates students' learning. The UVU Ballet Program provides ongoing opportunities for students to work with national and international guest artists. In addition, opportunities exist for students to participate in academic conferences and regional festivals, such as the American College Dance Association Conference, the Utah Conference of Undergraduate Research and the National Conference of Undergraduate Research.

Total Program Credits: 120

Matriculation Requirements:		
1. Completion DANC 2110 Orientation to Dance FF, and DANC 2330 Improvisation with B- or higher. <ol style="list-style-type: none"> Ballet emphasis: Completion of DANC 227R Ballet Technique II (2 semesters), with a grade of B- or higher. Modern emphasis: Completion of DANC 143R Modern/Contemporary Dance Technique and Theory I/Semester I and DANC 144R Modern/Contemporary Dance Technique and Theory I/Semester II with a B- or higher. 		
2. Pass audition, interview, and portfolio review with faculty members.		
3. Cumulative GPA of 2.75 or higher.		
General Education Requirements:		33 Credits
or	ENGL 1010 Introduction to Academic Writing CC	3
or	ENGL 1005 Literacies and Composition Across Context CC (5)	
	ENGL 2010 Intermediate Academic Writing CC	3
Choose one of the following:		3
	MAT 1030 Quantitative Reasoning QL (3)	
	MAT 1035 Quantitative Reasoning with Integrated Algebra QL (6)	
Choose one of the following:		3
	HIST 2700 US History to 1877 AS (3)	
and	HIST 2710 US History since 1877 AS (3)	
	HIST 1700 American Civilization AS (3)	
	POLS 1000 American Heritage SS (3)	
	POLS 1100 American National Government AS (3)	
	HIST 1740 US Economic History AS (3)	
Complete the following:		
	PHIL 2050 Ethics and Values IH	3
Distribution Courses:		
	BIOL 1010 General Biology BB (required prerequisite for ZOOL 1090)	3
	DANC 2110 Orientation to Dance FF (Fulfills Fine Arts)	3
Humanities		3
Physical Science		3
Social/Behavioral Science		3
	ZOOL 1090 Introduction to Human Anatomy and Physiology BB (Fulfills additional Biology or Physical Science)	3
Discipline Core Requirements:		39 Credits
	DANC 127R Ballet Technique I (3)	6

or	DANC 227R	Ballet Technique II	
	DANC 143R	Modern/Contemporary Dance Technique and Theory I/Semester I	3
	DANC 144R	Modern/Contemporary Dance Technique and Theory I/Semester II	3
	DANC 161R	Dance Conditioning	1
	DANC 2330	Improvisation	1
	DANC 2340	Composition	2
	DANC 256G	Dance as a Cultural Practice I GI	3
	DANC 265R	Fundamentals of Movement	2
	DANC 2670	Introduction to Laban Studies	2
	DANC 3140	Dance Production and Lighting	2
	DANC 3630	Dance as a Cultural Practice II WE	3
	DANC 3680	Dance Kinesiology	4
	DANC 4350	Senior Capstone I WE	2
	DANC 4360	Senior Capstone II WE	2
	DANC 4880	Current Issues in Dance	3
Emphasis Requirements:			39 Credits
	DANC 221R	Pointe II (1) (2 semesters required)	2
or	DANC 222R	Allegro Dance II	
	DANC 225R	Character Dance I (1)	1
	DANC 321R	Pointe III (1) (2 semesters required)	2
or	DANC 322R	Allegro Dance III	
	DANC 327R	Ballet Technique III (four semesters in Level III or higher)	12
Complete one of the following (four semesters required):			4
	DANC 421R	Pointe IV (1)	
or	DANC 423R	Pointe V (1)	
or	DANC 422R	Allegro Dance IV (1)	
	DANC 424R	Pas de deux (1)	1
	DANC 425R	Repertory Ballet Ensemble (3) (two semesters required total)	6
or	DANC 429R	Utah Metropolitan Ballet Repertory (3)	
	DANC 3340	Ballet Choreography (2)	2
	DANC 427R	Ballet Technique IV (two semesters in Level IV or higher) (3)	6
or	DANC 428R	Ballet Technique V (3)	
	DANC 4260	Ballet Pedagogy	3
Emphasis Elective Requirements:			6 Credits
Choose 6 credits from the following:			6

DANC 151R	Intermediate Jazz Dance (1)	
DANC 170R	American Social Dance I (1)	
DANC 171R	International Ballroom Dance I (1)	
DANC 172R	Latin Ballroom Dance I (1)	
DANC 2260	Character Dance II (1)	
DANC 3610	Intermediate Dance Conditioning and Injury Prevention (2)	
DANC 365R	Advanced Fundamentals of Movement (2)	
DANC 3670	Movement Analysis (3)	
DANC 425R	Repertory Ballet Ensemble (3)	
DANC 429R	Utah Metropolitan Ballet Repertory (3) (repeatable for 9 semesters)	
THEA 1033	Acting I FF (3)	
Any DANC course not previously taken.		
Complete 3 credits from any course(s) 1000 level or higher (Students must have 40 upper division credits hours to graduate.)		3

Graduation Requirements:

1. Completion of a minimum of 120 semester credits; a minimum of 40 credits must be upper division.
2. Overall GPA of 2.0 (C) or above.
3. Overall GPA of 2.5 or above in all DANC courses.
4. Residency hours: minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
5. Completion of GE and specified departmental requirements.
6. Successful completion of at least one Global/Intercultural course.

Dance - Ballet Emphasis, B.F.A.**Careers**

1. Applicable knowledge base in somatic practices that enhance performance and technique including, Laban Movement Analysis, Bartenieff Fundamentals, Advanced Movement Analysis, and Dance Conditioning.
2. Level 2 technical competency in Character Dance, Jazz, and Modern.
3. Ability to generate original movement material and create well-crafted and meaningful choreography.
4. Pre-professional or professional performance skills.
5. Written and oral communication skills specific to the field of dance.
6. Fluency in a variety of traditional and contemporary ballet techniques and styles.
7. Level 4 Technical competency in Pointe (Women) or (Men's class Men).
8. Advanced Level competency in applying concepts of music to Ballet and dance in general.

Related Careers

- Art, Drama, and Music Teachers, Postsecondary
- Dancers
- Choreographers

Dance - Ballroom Dance Emphasis, B.S.

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Requirements

The Utah Valley Ballroom Program promotes access and appreciation for ballroom dance through its courses, performances, and outreach. Majors and non-majors alike are integrated in the courses and performances which creates a vibrant learning environment. The BS in Dance with an emphasis in Ballroom Dance degree program offers students the potential of having a broad foundation in dance, provided by the core class requirements, with a specialization in the technique, and performance skills in Ballroom Dance. Specialized course offerings include International, Latin, and American styles of ballroom dance as well as choreography, ballroom styles, and pedagogy. Performance opportunities include the Ballroom Company comprised of the Ballroom Tour Team, the Back-up Ballroom Team, the Beginning Team and Capstone Concerts. Students have the opportunity to compete in regional, national and international competitions as solo group and as a team, participate in national and/or international touring.

Total Program Credits: 120

Matriculation Requirements:			
1. Completion of DANC 270R American Social Dance II, DANC 271R International Ballroom Dance II, DANC 272R Latin Ballroom Dance II, DANC 2110 Orientation to Dance FF, and DANC 2330 Improvisation with a grade of B- or better.			
2. Pass audition, interview, and portfolio review with faculty members.			
3. Cumulative G.P.A. of 2.75 or higher.			
General Education Requirements:			33 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGL 1005	Literacies and Composition Across Contexts CC (5)	
	ENGL 2010	Intermediate Academic Writing CC	3
Choose one of the following:			3
	MAT 1030	Quantitative Reasoning QL (3)	
	MAT 1035	Quantitative Reasoning with Integrated Algebra QL (6)	
Choose one of the following:			3
	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	
	HIST 1700	American Civilization AS (3)	
	HIST 1740	US Economic History AS (3)	
	POLS 1000	American Heritage SS (3)	
	POLS 1100	American National Government AS (3)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
Distribution Courses:			
	BIOL 1010	General Biology BB (strongly recommended for Biology)	3
	DANC 2110	Orientation to Dance FF (Fine Arts)	3
Humanities			3
Physical Science			3
Social/Behavioral Science			3
	ZOOL 1090	Introduction to Human Anatomy and Physiology BB (Fulfills additional Biology or Physical Science)	3

Dance

Discipline Core Requirements:		39 Credits
	DANC 127R Ballet Technique I	6
or	DANC 227R Ballet Technique II (3)	
	DANC 143R Modern/Contemporary Dance Technique and Theory I/Semester I	3
	DANC 144R Modern/Contemporary Dance Technique and Theory I/Semester II	3
	DANC 161R Dance Conditioning	1
	DANC 2330 Improvisation	1
	DANC 2340 Composition	2
	DANC 256G Dance as a Cultural Practice I GI	3
	DANC 265R Fundamentals of Movement	2
	DANC 2670 Introduction to Laban Studies	2
	DANC 3140 Dance Production and Lighting	2
	DANC 3630 Dance as a Cultural Practice II WE	3
	DANC 3680 Dance Kinesiology	4
	DANC 4350 Senior Capstone I WE	2
	DANC 4360 Senior Capstone II WE	2
	DANC 4880 Current Issues in Dance	3
Emphasis Requirements:		33 Credits
	DANC 270R American Social Dance II	1
	DANC 370R American Social Dance III	1
	DANC 271R International Ballroom Dance II	1
	DANC 371R International Ballroom Dance III (1) (two semesters required)	2
	DANC 471R International Ballroom Dance IV (2) (two semesters required)	4
	DANC 272R Latin Ballroom Dance II	1
	DANC 372R Latin Ballroom Dance III (1) (two semesters required)	2
	DANC 472R Latin Ballroom Dance IV (2) (two semesters required)	4
	DANC 3730 American Social Dance Teaching Methods	2
	DANC 4740 International Ballroom and Latin Theory	3
	DANC 376R Ballroom Dance Company Back-up Tour Team (2) ¹	4
or	DANC 476R Ballroom Dance Company Tour Team (3)	
	MGMT 1010 Introduction to Business SS	3
	DANC 3740 Ballroom Dance Choreography	2
	DANC 3750 Studies in Ballroom Dance Styles	2
Choose one of the following:		1
	DANC 150R Beginning Jazz Dance (1)	
	DANC 151R Intermediate Jazz Dance (1)	

	DANC 250R Advanced Jazz Dance (1)	
	DANC 156R African Dance I (1)	
	DANC 159R Hip Hop I (1)	
	DANC 160R Hip Hop II (1)	
	DANC 162R Polynesian Dance I (1)	
Emphasis Elective Requirements:		9 Credits
Choose 9 hours from the following:		9
	DANC 158R Tap Dance I (1)	
	DANC 2100 Teaching Dance for Children FF (3)	
	DANC 222R Allegro Dance II (1)	
	DANC 227R Ballet Technique II (3)	
	DANC 2350 Dance and Technology (2)	
	DANC 248R Special Topics In Dance (2)	
	DANC 256R African Dance II (1)	
	DANC 276R Ballroom Dance Company Back Up Team (1)	
	DANC 281R Internship in Dance I (1-3)	
	DANC 3400 Dance in the Elementary School XF (2)	
	DANC 346R Synergy Dance Company (3)	
	DANC 3610 Intermediate Dance Conditioning and Injury Prevention (2)	
	DANC 376R Ballroom Dance Company Back-up Tour Team (2)	
or	DANC 476R Ballroom Dance Company Tour Team (3)	
	DANC 365R Advanced Fundamentals of Movement (2)	
	EXSC 3700 Exercise Physiology	
and	EXSC 3705 Exercise Physiology Laboratory (4)	
	PES 2400 Sports Injuries (2)	
	HLTH 1055 Pilates I CoreMax Training (1)	
	HLTH 1057 Power Yoga (1)	
	THEA 3541 Costume Design I (3)	
	THEA 3545 Costume Design I Lab (1)	
Any DANC course not previously taken		
Complete 6 credits from any courses 1000 level or higher (Students must have 40 upper division credit hours to graduate.)		6
Notes:		
1. Either course must be taken twice		

Graduation Requirements:

1. Completion of a minimum of 120 semester credits; a minimum of 40 credits must be upper division.
2. Overall GPA of 2.0 (C) or above.
3. Overall GPA of 2.5 or above in all DANC courses.
4. Residency hours: minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.

- Completion of GE and specified departmental requirements.
- Successful completion of at least one Global/Intercultural course.

Dance - Ballroom Dance Emphasis, B.S. Careers

- Perform ballroom dance with artistry demonstrating advanced level technical competency.
- Create choreographic works of artistic merit demonstrating skills in choreographic elements, principles, and structures of dance.
- Write articulately using dance language demonstrating perceptive, reflective, and analytical knowledge and skills.
- Demonstrate proficiency in teaching ballroom dance.

Related Careers

- Art, Drama, and Music Teachers, Postsecondary
- Dancers
- Choreographers

Dance - Modern Dance Emphasis, B.F.A.

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Requirements

The Modern/Contemporary Dance Program in UVU's Department of Dance is a rigorous program that provides dance training for BFA students with a strong foundation in technique and choreography. This daily physical practice merges with serious scholarly study of dance in its historical, somatic, theoretical, scientific, pedagogical, and cultural contexts. The rigorous course study of the BFA in Modern/Contemporary Dance prepares the next generation of dance artists and scholars for myriad career opportunities. The Modern/Contemporary Dance Program provides opportunities for students to work with nationally and internationally recognized guest artists on a yearly basis, to participate in study abroad programs, and to work alongside faculty mentors in scholarly and creative research. Performance opportunities include Contemporary Dance Ensemble (CDE) a pre-professional level modern dance company and upper division course; Synergy Dance Company, which produces student and guest artists work in concert; and Senior Capstone Concerts. The Modern/Contemporary Program participates annually in the American College Dance Association conference and has been selected to perform at the national festival held at the Kennedy Center for the Performing Arts in Washington D.C. Dance majors also participate in several academic conferences and regional festivals including the Utah Conference of Undergraduate Research and the National Conference of Undergraduate Research.

Students graduating from the UVU Modern/Contemporary Dance Program are prepared to enter the world as artists, teachers, performers, choreographers, critical thinkers, problem solvers, and engaged human beings.

Total Program Credits: 120

Matriculation Requirements:

- Completion DANC 2110 Orientation to Dance FF, and DANC 2330 Improvisation with B- or higher.
 - Ballet emphasis: Completion of DANC 227R Ballet Technique II (2 semesters), with a grade of B- or higher.
 - Modern emphasis: Completion of DANC 143R Modern/Contemporary Dance Technique and Theory I/Semester I and DANC 144R Modern/Contemporary Dance Technique and Theory I/Semester II with a B- or higher.
- Pass audition, interview, and portfolio review with faculty members.
- Cumulative GPA of 2.75 or higher.

General Education Requirements:			33 Credits
or	ENGL 1010	Introduction to Academic Writing CC	3
	ENGL 1005	Literacies and Composition Across Context CC (5)	
	ENGL 2010	Intermediate Academic Writing CC	3
Choose one of the following:			3
	MAT 1030	Quantitative Reasoning QL (3)	
	MAT 1035	Quantitative Reasoning with Integrated Algebra QL (6)	
Choose one of the following:			3
	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	
	HIST 1700	American Civilization AS (3)	
	POLS 1000	American Heritage SS (3)	
	POLS 1100	American National Government AS (3)	
	HIST 1740	US Economic History AS (3)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
Distribution Courses:			
	BIOL 1010	General Biology BB (required prerequisite for ZOOL 1090)	3
	DANC 2110	Orientation to Dance FF (Fine Arts)	3
Humanities			3
Physical Science			3
Social/Behavioral Science			3
	ZOOL 1090	Introduction to Human Anatomy and Physiology BB (Fulfills additional Biology or Physical Science)	3
Discipline Core Requirements:			39 Credits
	DANC 127R	Ballet Technique I (3)	6
or	DANC 227R	Ballet Technique II	
	DANC 143R	Modern/Contemporary Dance Technique and Theory I/Semester I	3
	DANC 144R	Modern/Contemporary Dance Technique and Theory I/Semester II	3
	DANC 161R	Dance Conditioning	1
	DANC 2330	Improvisation	1
	DANC 2340	Composition	2
	DANC 256G	Dance as a Cultural Practice I GI	3
	DANC 265R	Fundamentals of Movement	2
	DANC 2670	Introduction to Laban Studies	2
	DANC 3140	Dance Production and Lighting	2
	DANC 3630	Dance as a Cultural Practice II WE	3
	DANC 3680	Dance Kinesiology	4
	DANC 4350	Senior Capstone I WE	2
	DANC 4360	Senior Capstone II WE	2
	DANC 4880	Current Issues in Dance	3
Emphasis Requirements:			38 Credits

Dance

	DANC 243R	Modern/Contemporary Dance Technique and Theory Level II / Semester I	3
	DANC 244R	Modern/Contemporary Dance Technique and Theory Level II/ Semester II	3
	DANC 3160	Dance Accompaniment	2
	DANC 3330	Modern Dance Workshop	2
	DANC 3350	Choreography	2
	DANC 3400	Dance in the Elementary School XF	2
	DANC 341R	Modern/Contemporary Dance Technique and Theory Level III/ Semester I	3
	DANC 342R	Modern/Contemporary Dance Technique and Theory Level III/ Semester II	3
	DANC 3450	Modern/Contemporary Dance Teaching Methods	3
	DANC 346R	Synergy Dance Company (Both courses may be taken or one of them repeated for 6 credits)	6
or	DANC 446R	Contemporary Dance Ensemble (3)	
	DANC 365R	Advanced Fundamentals of Movement	2
or	DANC 3670	Movement Analysis (3)	
	DANC 441R	Modern/Contemporary Dance Technique and Theory Level IV/ Semester I	3
	DANC 442R	Modern/Contemporary Dance Technique and Theory Level IV/ Semester II	3
Choose one of the following:			1
	DANC 150R	Beginning Jazz Dance (1)	
	DANC 151R	Intermediate Jazz Dance (1)	
	DANC 250R	Advanced Jazz Dance (1)	
	DANC 156R	African Dance I (1)	
	DANC 159R	Hip Hop I (1)	
	DANC 160R	Hip Hop II (1)	
	DANC 162R	Polynesian Dance I (1)	
Emphasis Elective Requirements:			7 Credits
Choose 7 credits from the following list:			7
	DANC 158R	Tap Dance I (1)	
	DANC 170R	American Social Dance I (1)	
	DANC 171R	International Ballroom Dance I (1)	
	DANC 172R	Latin Ballroom Dance I (1)	
	DANC 248R	Special Topics in Dance (2)	
	DANC 256R	African Dance II (1)	
	DANC 327R	Ballet Technique III (3)	
	DANC 3610	Intermediate Dance Conditioning and Injury Prevention (2)	

	DANC 365R	Advanced Fundamentals of Movement (2)	
	DANC 3670	Movement Analysis (3)	
	DANC 442R	Modern/Contemporary Dance Technique and Theory Level IV/ Semester II (3)	
	DANC 446R	Contemporary Dance Ensemble (3)	
Any DANC course not previously taken			
Complete 3 credits from any Department (Students must have 40 upper division credit hours to graduate.)			3

Graduation Requirements:

1. Completion of a minimum of 120 semester credits; a minimum of 40 credits must be upper division.
2. Overall GPA of 2.0 (C) or above.
3. Overall GPA of 2.5 or above in all DANC courses.
4. Residency hours: minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
5. Completion of GE and specified departmental requirements.
6. Successful completion of at least one Global/Intercultural course.

Dance - Modern Dance Emphasis, B.F.A. Careers

1. Perform dance with artistry demonstrating advanced level technical competency.
2. Create choreographic works of artistic merit and personal voice demonstrating skills in choreographic elements, principles, and structures of dance.
3. Integrate diverse theoretical dance knowledge and skills in the writing, performance and creation of dance.
4. Write articulately using dance language demonstrating perceptive, reflective, and analytical knowledge and skills.
5. Demonstrate proficiency in writing and teaching of modern dance lesson plans.

Related Careers

- Art, Drama, and Music Teachers, Postsecondary
- Dancers
- Choreographers

Dance Education, B.S.

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Requirements

The Dance Education program is dedicated in preparing students to teach, create, and perform dance at the highest level. Students participate in a rigorous Bachelor's of Science degree program focusing on developing exceptional dance artists and outstanding dance teachers dedicated to the art, craft, creativity, and teaching of dance. Students are encouraged to participate in the dance and education communities through guest artist, workshops, and conferences (regional, national, and international). Rigorous coursework includes various dance techniques, choreography, performance, dance history, world dance, kinesiology, somatic studies, pedagogy, music and production. Students receive their secondary certification with an option to receive their elementary endorsement in dance. Dance Education majors have numerous career options. to include the public and private school settings, private studios, community centers, and higher education. Students are able to pursue both the BFA in Modern/Contemporary Dance and a BS in Dance Education.

Performance opportunities include Contemporary Dance Ensemble (CDE) a pre-professional level modern dance company and upper division course; Synergy Dance Company, which produces student and guest artists work in concert; and Senior Capstone Concerts. The Dance Education Program participates annually in the festival of the American College Dance Association, and has been selected to perform at the national festival held at the Kennedy Center for the Performing Arts in Washington D.C. In addition, it also participates in several academic conferences and regional festivals including the Utah Conference of Undergraduate Research and the National Conference of Undergraduate Research.

Total Program Credits: 125

Matriculation Requirements:			
Dance Department Matriculation Requirements			
<ol style="list-style-type: none"> 1. Completion of DANC 143R Modern/Contemporary Dance Technique and Theory I/Semester I, DANC 144R Modern/Contemporary Dance Technique and Theory I/Semester II, DANC 161R Dance Conditioning, DANC 2110 Orientation to Dance FF, and DANC 2330 Improvisation with B- or higher. 2. Pass audition, interview, and portfolio review with faculty members. 			
Education Department matriculation requirements:			
<ol style="list-style-type: none"> 1. ENGL and MATH QL courses must have a grade C or higher. 2. GPA of 3.0 or higher with no grade lower than a C in content area courses. 3. Completion of all General Education requirements and 70% of content area courses. 4. Pass LiveScan Criminal Background Check. 			
General Education Requirements:			33 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGL 1005	Literacies and Composition Across Contexts CC (5)	
	ENGL 2010	Intermediate Academic Writing CC	3
Complete one of the following:			3
	MAT 1030	Quantitative Reasoning QL (3)	
	MAT 1035	Quantitative Reasoning with Integrated Algebra QL (6)	
	STAT 1040	Introduction to Statistics QL (3)	
	STAT 1045	Introduction to Statistics with Algebra QL (5)	
	MATH 1050	College Algebra QL (4) (recommended for Business, Education, Science, and Health Professions majors)	
	MATH 1055	College Algebra with Preliminaries QL (5)	
	MATH 1090	College Algebra for Business QL (3)	
Complete one of the following:			3
	HIST 1700	American Civilization AS (3)	
	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	
	HIST 1740	US Economic History AS (3)	
	POLS 1000	American Heritage SS (3)	
	POLS 1100	American National Government AS (3)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3

Distribution Courses:			
	BIOL 1010	General Biology BB	3
	DANC 2110	Orientation to Dance FF	3
	Humanities Distribution		3
	Physical Science		3
	Social/Behavioral Science		3
	ZOOL 1090	Introduction to Human Anatomy and Physiology BB (Strongly recommended for additional Biology or Physical Science)	3
Discipline Core Requirements:			92 Credits
	DANC 127R	Ballet Technique I (3)	
or	DANC 227R	Ballet Technique II	3
	DANC 143R	Modern/Contemporary Dance Technique and Theory I/Semester I	3
	DANC 144R	Modern/Contemporary Dance Technique and Theory I/Semester II	3
	DANC 161R	Dance Conditioning	1
	DANC 2330	Improvisation	1
	DANC 2340	Composition	2
	DANC 243R	Modern/Contemporary Dance Technique and Theory Level II / Semester I	3
	DANC 244R	Modern/Contemporary Dance Technique and Theory Level II/ Semester II	3
	DANC 256G	Dance as a Cultural Practice I GI	3
	DANC 2670	Introduction to Laban Studies	2
	DANC 270R	American Social Dance II	1
	DANC 3140	Dance Production and Lighting	2
	DANC 3160	Dance Accompaniment	2
	DANC 3330	Modern Dance Workshop	2
	DANC 3350	Choreography	2
	DANC 3400	Dance in the Elementary School XF	2
	DANC 341R	Modern/Contemporary Dance Technique and Theory Level III/ Semester I	3
	DANC 342R	Modern/Contemporary Dance Technique and Theory Level III/ Semester II	3
	DANC 3450	Modern/Contemporary Dance Teaching Methods	3
	DANC 346R	Synergy Dance Company	3
	DANC 3630	Dance as a Cultural Practice II WE	3
	DANC 3680	Dance Kinesiology	4
	DANC 4350	Senior Capstone I WE	2
	DANC 4360	Senior Capstone II WE	2
	DANC 4430	Dance Teaching Practicum (Dance Education majors take DANC 4430 in place of EDSC 4200.)	3
Complete 1 credit from the following:			1
	DANC 159R	Hip Hop I (1)	1

Dance

	DANC 160R	Hip Hop II (1)	1
	DANC 170R	American Social Dance I (1)	1
	DANC 171R	International Ballroom Dance I (1)	1
	DANC 172R	Latin Ballroom Dance I (1)	1
Education Courses: Must be completed with a grade of B- or higher.			
	EDSC 1010	Introduction to Education	2
	EDSC 3000	Educational Psychology	3
	EDSC 325G	Equitable Technology Integration GI	2
	EDSP 340G	Exceptional Students GI	2
	EDSC 4250	Classroom Management II	2
	EDSC 4440	Content Area Literacies	3
	EDSC 445G	Multicultural Instruction ESL GI	3
	EDSC 455G	Secondary Curriculum Instruction and Assessment GI	3
	EDSC 4850	Student Teaching Secondary	8
	EDSC 4990	Teacher Performance Assessment Project WE	2

Graduation Requirements:

1. Completion of a minimum of 125 semester credits, a minimum of 40 credits must be upper division.
2. Overall Grade of 3.0 (B) or above with no grade lower than a C or better in major required content courses and no grade lower than a B- in Licensure and Methods courses.
3. Residency hours: minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
4. Completion of GE and specified departmental requirements.
5. Successful completion of at least one Global/Intercultural course.

Dance Education, B.S.

Careers

1. Perform dance with artistry demonstrating an intermediate/advanced level technical competency.
2. Create choreographic works of artistic merit and personal voice demonstrating skills in choreographic elements, principles, and structures of dance.
3. Integrate diverse theoretical dance knowledge and skills in the writing, performance, and creation of dance.
4. Write articulately using dance language demonstrating perceptive, reflective, and analytical knowledge and skills.
5. Demonstrate proficiency in writing and teaching of unit and lesson plans in the public schools.
6. Demonstrate proficient skills and knowledge necessary to create a vibrant and artistic secondary dance program based on state and national standards.

Related Careers

- Art, Drama, and Music Teachers, Postsecondary
- Dancers
- Choreographers

Developmental Mathematics

Digital Media

DEPARTMENT CHAIR

BROWN, Kim *Associate Professor*

FACULTY

ANDERSEN, Duane *Associate Professor*

ANDERSON, Thor *Associate Professor*

BROWN, Kim *Associate Professor*

CARD, Arlen *Associate Professor*

CHENEY, Paul *Associate Professor*

CLAYTON, Marty J. *Associate Professor*

ESMAY, Rodayne *Professor*

HARPER, Michael F. *Associate Professor*

HATCH, Daniel *Associate Professor*

HEDRICK, Emily *Assistant Professor*

LANTZ, Clayton *Associate Professor*

MACKENZIE, Jenny *Assistant Professor*

NIBLEY, Alex *Professional In Residence*

PETERSON, Owen *Associate Professor*

ROMRELL, Anthony *Associate Professor*

WISLAND, Michael G. *Associate Professor*

Degrees & Programs

Digital Audio, A.A.S.

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Requirements

The UVU AAS in Digital Audio is a powerful gateway into the fascinating world of album recording and mixing, location and post-production sound for film and video, audio restoration and forensics, live sound, radio production, gaming, and audio hardware and software design. Students will use industry-leading equipment including SSL, Audient, AVID ProTools, Universal Audio, Neumann, Waves, Tube Tech, AKG, and many others. By graduation, each student will have produced and engineered numerous music, ADR, Foley, and sound effects sessions, including professional-level mixes; will have their choice of many other areas of audio expertise; and will be professional employment-ready.

Total Program Credits: 64

General Education Requirements:		36 Credits
	ENGL 1010 Introduction to Academic Writing CC	3
or	ENGL 1005 Literacies and Composition Across Contexts CC (5)	
	ENGL 2010 Intermediate Academic Writing CC	3
Complete one of the following:		
	MATH 1050 College Algebra QL (4)	4
or	MATH 1055 College Algebra with Preliminaries QL (5)	
Complete one of the following:		3
	POLS 1000 American Heritage SS (3)	
	HIST 2700 US History to 1877 AS (3)	
and	HIST 2710 US History since 1877 AS (3)	

	HIST 1700 American Civilization AS (3)	
	HIST 1740 US Economic History AS (3)	
	POLS 1100 American National Government AS (3)	
Complete the following:		
	PHIL 2050 Ethics and Values IH	3
	HLTH 1100 Personal Health and Wellness TE	2
or	EXSC 1097 Fitness for Life TE (2)	
Distribution Courses		
	Biology	3
	Physical Science	3
	Additional Biology or Physical Science	3
	Humanities	3
	Fine Arts	3
	Social/Behavioral Science	3
Discipline Core Requirements:		28 Credits
	DGM 1110 Digital Media Essentials I	4
	MUSC 1100 Fundamentals of Music FF	3
	PHYS 1700 Descriptive Acoustics PP	3
	DGM 2130 Digital Audio Essentials	3
	DGM 2410 Core Recording	3
	DGM 2430 Core Mixing	3
	DGM 2440 Production Sound for Cinema	3
	DGM 2460 Podcast and Radio Production	3
	DGM 2481 Digital Audio Restoration	3

Graduation Requirements:

1. Completion of a minimum of 64 semester credits.
2. Residency hours--minimum of 20 credit hours through course attendance at UVU..
3. Students must have a minimum AGGREGATE GPA of 2.0 (C letter grade) or higher (including core, electives, and GE)
4. Students must have an individual GPA in EACH CORE COURSE in the Audio AAS program of 2.5 (B minus) or higher.

Digital Audio, A.A.S.

Careers

1. Calculate answers to practical audio math problems using formulas and principles of physics.
2. Choose and place microphones correctly for a broad range of recording applications.
3. Route electronic connections for proper signal flow to maximize clean audio and eliminate noise.
4. Connect audio components correctly, accounting for level, impedance, and format.
5. Route signal paths in the digital domain to properly insert digital signal processors.
6. Set parameters on compression and EQ processing competently.
7. Implement level and pan settings for effective audio mixing and outputs.

Related Careers

- Audio and Video Equipment Technicians
- Sound Engineering Technicians

Digital Cinema Production, A.A.S.

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Requirements

Digital cinema is the design, development, and delivery of digital cinema content through the process of pre-production, production, and post-production. The curriculum integrates digital cinema mediums to entertain, educate, and communicate ideas and information. This program provides motivated and dedicated students the opportunity to work with professionally active faculty members committed to the future of digital disciplines. The Associate of Applied Science in Digital Cinema will provide students with employable skills and a pathway to further education.

Total Program Credits: 63

General Education Requirements:		24 Credits
ENGLISH - Complete the following:		6
	ENGL 1010 Introduction to Academic Writing CC (3)	
or	ENGL 1005 Literacies and Composition Across Contexts CC (5)	
	ENGL 2010 Intermediate Academic Writing CC (3)	
MATHEMATICS - Complete one of the following:		3
	MAT 1030 Quantitative Reasoning QL (3)	
	MAT 1035 Quantitative Reasoning with Integrated Algebra QL (6)	
	STAT 1040 Introduction to Statistics QL (3)	
	STAT 1045 Introduction to Statistics with Algebra QL (5)	
	MATH 1050 College Algebra QL (4)	
	MATH 1055 College Algebra with Preliminaries QL (5)	
	MATH 1090 College Algebra for Business QL (3)	
Complete the following:		
	PHIL 2050 Ethics and Values IH (3)	
or	PHIL 205G Ethics and Values IH GI	
HUMANITIES/FINE ARTS		3
	Any approved Humanities/Fine Arts Distribution ¹	
SOCIAL/BEHAVIORAL SCIENCE		3
	Any approved Social/Behavioral Science Distribution ²	
BIOLOGY/PHYSICAL SCIENCE		3
	Any approved Biology/Physical Science Distribution	
Discipline Core Requirements:		37 Credits
	DGM 1061 Digital Cinema Editing I	3
	DGM 1500 Intro to Digital Cinema	1
	DGM 1510 Film Production Analysis	3
	DGM 1520 Digital Cinema Production I	3
	DGM 2110 Digital Cinema Production II	3
	DGM 2130 Digital Audio Essentials	3

	CINE 2312	Film History II	3
	DGM 2320	Digital Photography and Compositing I	3
	DGM 2440	Production Sound for Cinema	3
	DGM 2540	Cinematography I	3
	DGM 2570	Storytelling for Digital Media I WE	3
or	THEA 2742	Scriptwriting for the Screen WE (3)	
	DGM 2661	Visualization for Digital Cinema-Pre-Directing	3
Complete one of the following			3
	DGM 2340	Output and Color for Digital Cinema I (3)	
	DGM 2490	Digital Audio Workstation Training I (3)	
	DGM 2510	Visual Effects for Digital Cinema I (3)	
	DCPR 2995	Virtual Reality for Digital Cinema Storytelling (3)	
	THEA 1033	Acting I FF (3)	
Elective Requirements:			5 Credits
	Complete 5 credits of department or advisor approved lower division coursework		5

Graduation Requirements:

1. Completion of a minimum of 63 semester credits.
2. Residency hours--minimum of 20 credit hours through course attendance at UVU.
3. Completion of GE and specified departmental requirements.

Footnote:

- 1- THEA 2311 (Film History I) recommended
- 2 - MGMT 1010 (Introduction to Business) recommended

Digital Cinema Production, A.A.S.

Careers

1. Write a Project Needs Analysis for a documentary or corporate production.
2. Participate in a production team to produce a short documentary or training film.
3. Tag a short narrative script.
4. Edit, polish and color grade a short documentary/NLE film using NLE keystrokes.
5. Identify the classic sequential structure of a feature film script.6)
6. Identify what produces tension in a scene.
7. Identify a set up and payoff in a script.
8. Prepare camera assets with a one lite color grade for AVID & Premiere editorial.
9. Photograph still shots using high contrast lighting and golden section composition that tell a story.
10. Shoot a sequence of outdoor motion shots using magic hour lighting and golden section composition that tell a story.
11. Shoot a sequence of studio motion shots using hard light and golden section composition that tell a story.
12. Set up a circuit from power source using distribution boxes to lamp head and make the lamp head work. 13) Set up C-Stand and folding stand safely with predetermined load. 14) Identify range of lighting and grip stands. 15) Identify the seven qualities of light. 16) Calculate the load on a circuit with given light fixture or fixtures.

Related Careers

- Art, Drama, and Music Teachers, Postsecondary

Digital Media

- Producers and Directors
- Camera Operators, Television, Video, and Motion Picture
- Film and Video Editors

Digital Communication Technology, A.A.S.

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Requirements

Digital Media (DGM) fuses both fundamental theory and practical application in the production of electronically-generated content to be delivered via internet, radio and television, digital cinema, computer games, animation and cinematic visual effects, as well as for emerging technologies such as mobile computing (hand-held computing devices). The curriculum integrates these digital mediums to entertain, educate, and communicate ideas through meaningful human interaction. DGM provides motivated and dedicated students the opportunity to work closely with professionally active faculty members committed to the future of the digital disciplines. Students in Digital Media may earn either a Certificate of Proficiency in Digital Cinema, Associate in Applied Science Degree, or a Bachelor of Science Degree. Areas of emphasis include: Digital Communication Technology, Audio Production, Digital Motion Picture Production, Gaming and Animation, Internet Technologies.

Total Program Credits: 63

General Education Requirements:		17 Credits
English		
	ENGL 1010 Introduction to Academic Writing CC	3
or	ENGL 1005 Literacies and Composition Across Contexts CC (5)	
Mathematics:		
	MAT 1010 Intermediate Algebra	4
Humanities/Fine Arts/Foreign Language:		
Choose one of the following:		3
	PHIL 2050 Ethics and Values IH (3)	
	Any approved Humanities, Fine Arts, or Foreign Language Distribution Course	
Social and Behavioral Science:		
	Any approved Behavioral Science, Social or Political Science Distribution Course	3
Biology or Physical Science:		
	Any approved Biology or Physical Science Distribution Course	3
Physical Education/Health/Safety or Environment:		
Choose one of the following:		1
	HLTH 1100 Personal Health and Wellness TE (2)	
	Any approved PE, Safety or Health Distribution Course	
Discipline Core Requirements:		16 Credits
Complete the following:		
	DGM 1110 Digital Media Essentials I	4
	DGM 1520 Digital Cinema Production I	3
	DAGV 1200 3D Modeling Essentials	3
	DWDD 1600 Web Essentials	3

DGM 2130	Digital Audio Essentials	3
Elective Requirements:		30 Credits
Complete 30 credits from approved DGM electives (see advisor)		30

Graduation Requirements:

1. Completion of a minimum of 63 semester credits.
2. Overall grade point average of 2.0 (C) or above. (Departments may require a higher GPA.)
3. Residency hours -- minimum of 20 credit hours through course attendance at UVU.
4. Completion of GE and specified departmental requirements.

Digital Communication Technology, A.A.S. Careers

1. Demonstrate a strong familiarity and proficiency with professional software for video editing, audio production and editing, basic animation, and web development.
2. Demonstrate understanding and competency with the production pipeline of at least two of the following: Digital Cinema Production, Digital Audio Production, Web & App Development, and Animation.
3. Demonstrate mastery over media file formats, conversion protocols, and storage frameworks.
4. Use critical thinking skills to solve industry-related problems on real world projects and in collaboration with other students.
5. Carry out applied learning activities focused on the production and post production process for digital media productions.

Related Careers

- Web Developers
- Multimedia Artists and Animators
- Graphic Designers

Web Design and Development, A.A.S.

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Requirements

Web design and development fuses together the design, development, and delivery of rich media content through the medium of the internet to hand held mobile devices as well as desktop computers. The curriculum integrates these digital mediums to entertain, educate, and communicate ideas and information through meaningful human interaction. This program provides motivated and dedicated students the opportunity to work with professionally active faculty members committed to the future of digital disciplines. The Associate of Applied Science in Web Design and Development will provide students with employable skills and a pathway to further education.

Total Program Credits: 63

General Education Requirements		17 Credits
	ENGL 1010 Introduction to Academic Writing CC	3
or	ENGL 1005 Literacies and Composition Across Contexts CC (5)	
Complete one of the following:		3
	MAT 1030 Quantitative Reasoning QL (3)	
	MAT 1035 Quantitative Reasoning with Integrated Algebra QL (6)	
	STAT 1040 Introduction to Statistics QL (3)	

	STAT 1045	Introduction to Statistics with Algebra QL (5)	
	MATH 1050	College Algebra QL (4)	
	MATH 1055	College Algebra with Preliminaries QL (5)	
Complete one of the following:			
	HLTH 1100	Personal Health and Wellness TE	2
or	EXSC-1097	Fitness for Life TE (2)	
Humanities or Fine Arts			3
Social/Behavioral Science			3
Biology or Physical Science			3
Discipline Core Requirements			46 Credits
	DGM 1110	Digital Media Essentials I	4
	DWDD 1400	Digital Design Essentials	3
	DWDD 1410	Interaction Design Essentials	3
	DWDD 1420	Communicating Digital Design WE	3
	DWDD 1430	Principles of Digital Design	3
	DWDD 1600	Web Essentials	3
	DWDD 1720	Scripting for Internet Technologies	3
	DWDD 2410	Interaction Design	3
	DWDD 2610	Principles of Web Languages	3
Complete 9 credits of DWDD Electives			9
Complete 9 additional advisor-approved electives			9

Graduation Requirements:

1. Completion of a minimum of 63 semester credits.
2. Residency hours--minimum of 20 credit hours through course attendance at UVU.
3. Overall grade point average of 2.0 (C) or above.
4. Completion of GE and specified departmental requirements.

Web Design and Development, A.A.S.

Careers

1. Markup a website using semantically appropriate HTML5 tags.
2. Use media queries and mobile first design to create responsive page templates.
3. Build single page web and mobile applications using JavaScript.
4. Implement user experience design strategies to build applications and web sites that lead to a call to action.
5. Design simple and understandable user interfaces and interactions for desktop, mobile, and web.
6. Design and build digital video, audio, photographic, and textual assets.
7. Demonstrate the ability to be a contributing member of a team.

Related Careers

- Web Developers

Digital Cinema, Certificate of Proficiency

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Requirements

Digital Media (DGM) fuses both fundamental theory and practical application in the production of electronically-generated content to be delivered via internet, radio and television, digital cinema, computer games, animation and cinematic visual effects, as well as for emerging technologies such as mobile computing (hand-held computing devices). The curriculum integrates these digital mediums to entertain, educate, and communicate ideas through meaningful human interaction. DGM provides motivated and dedicated students the opportunity to work closely with professionally active faculty members committed to the future of the digital disciplines. Students in Digital Media may earn either a Certificate of Proficiency in Digital Cinema, Associate in Applied Science Degree, or a Bachelor of Science Degree. Areas of emphasis include: Digital Communication Technology, Audio Production, Digital Motion Picture Production, Gaming and Animation, Internet Technologies.

Total Program Credits: 15

Discipline Core Requirements:			15 Credits
	DGM 1061	Digital Cinema Editing I	3
	DGM 1510	Film Production Analysis	3
	DGM 1520	Digital Cinema Production I	3
	DGM 2540	Cinematography I	3
	DGM 2661	Visualization for Digital Cinema-Pre-Directing	3

Graduation Requirements:

1. Completion of a minimum of 15 credits.
2. Overall grade point average of 2.0 (C) or above.
3. Residency hours -- minimum of 4 credit hours through course attendance at UVU.

Digital Cinema, Certificate of Proficiency

Careers

1. **PRODUCTION:** Student is able to implement the processes, strategies, and protocols required for the production and creation of filmed media content, from entry level (production assistant) to advanced (producer and production manager), based on standard industry practices.
2. **DIRECTION:** Student is able to fill the role of the director in creating and executing the aesthetic look and shooting plan of a screenplay in collaboration with department heads, actors, key crew members, and the post production team.
3. **STORYTELLING:** Student is able to implement their understanding of the psychological foundations of how storytelling functions through various technologies, how to apply the storytelling principles to create effective communication using a variety of media and in a variety of key production roles including producer, director, writer and editor.
4. **CINEMATOGRAPHY:** Student is able to perform the role of the cinematographer as technician, manager and storyteller and has acquired hands-on skills with grip, electric and camera equipment, and understands how these skills are applied to workflows in pre-production, principle photography and post-production.
5. **EDITING:** Student can carry out applied learning activities focused on the post production process for digital media productions (documentaries, narrative, short format and corporate industrial).
6. **POST-PRODUCTION:** Student understands and shows practical skills for the post workflows from asset management through final project delivery including client/director collaboration, technical and aesthetic editing skills, mastery of software tools, color correction and delivery of the product in required industry standard formats.

Digital Media

Related Careers

- Web Developers
- Multimedia Artists and Animators
- Graphic Designers

Digital Media, Certificate of Proficiency

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Requirements

This certificate is designed to provide high school students an opportunity to obtain a certificate of proficiency while still enrolled in high school, which not only gives initial employability skills, but also stacks into associate degrees at UVU.

Total Program Credits: 16

General Education Requirements		6 Credits
	ENGL 1010 Introduction to Academic Writing CC (Course must be completed with grade 'C' or higher.)	3
or	ENGH 1005 Literacies and Composition Across Contexts CC (5.0)	
Complete one of the following: (Course must be completed with grade 'C' or higher.)		3
	MAT 1030 Quantitative Reasoning QL (3)	
	MAT 1035 Quantitative Reasoning with Integrated Algebra QL (6.0)	
	STAT 1040 Introduction to Statistics QL (3)	
	STAT 1045 Introduction to Statistics with Algebra QL (5.0)	
	MATH 1050 College Algebra QL (4.0)	
	MATH 1055 College Algebra with Preliminaries QL (5.0)	
	MATH 1090 College Algebra for Business QL (3.0)	
Discipline Core Requirements:		10 Credits
	DGM 1110 Digital Media Essentials I	4
Choose 6 credits from one of the following categories:		6
Animation and Games		
	DAGV 1400 Scripting Essentials (3)	
	DAGV 1300 Animation Essentials (2)	
	DAGV 130L Animation Essentials Lab (1)	
Digital Cinema		
	DGM 1061 Digital Cinema Editing I (3.0)	
	DGM 1520 Digital Cinema Production I (3)	
Digital Audio		
	DGM 2130 Digital Audio Essentials (3.0)	
	DGM 2460 Podcast and Radio Production (3.0)	
Web Development		
	DWDD 1600 Web Essentials (3)	
	DWDD 1400 Digital Design Essentials (3)	

Graduation Requirements:

1. Completion of a minimum of 16 semester credits.
2. Overall grade point average of 2.5 or above.
3. All DGM courses must be completed with grade 'C' or higher.
4. Residency hours-- minimum of 5 credit hours through course attendance at UVU.

Digital Media, Certificate of Proficiency Careers

1. Develop critical thinking skills to solve industry-related problems.
2. Describe the industry opportunities for Digital Media.
3. Create media for use in an introductory level project.
4. Produce a introductory level project using current industry tools.

Related Careers

- Web Developers
- Multimedia Artists and Animators
- Graphic Designers

Digital Media, Minor

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Requirements

Digital Media (DGM) fuses both fundamental theory and practical application in the production of electronically-generated content to be delivered via internet, radio and television, digital cinema, computer games, animation and cinematic visual effects, as well as for emerging technologies such as mobile computing (hand-held computing devices). The curriculum integrates these digital mediums to entertain, educate, and communicate ideas through meaningful human interaction. DGM provides motivated and dedicated students the opportunity to work closely with professionally active faculty members committed to the future of the digital disciplines. Students in Digital Media may earn either a Certificate of Proficiency in Digital Cinema, Associate in Applied Science Degree, or a Bachelor of Science Degree. Areas of emphasis include: Digital Communication Technology, Audio Production, Digital Motion Picture Production, Gaming and Animation, Internet Technologies.

Total Program Credits: 22

Discipline Core Requirements:		7 Credits
	DGM 1110 Digital Media Essentials I	4
Complete one course from the following:		3
	DGM 1520 Digital Cinema Production I (3)	
	DWDD 1600 Web Essentials (3)	
	DGM 2130 Digital Audio Essentials (3)	
	DAGV 1200 3D Modeling Essentials (3)	
Elective Requirements:		15 Credits
	Complete 15 credits from 1000 and 2000 level DGM courses.	15

Graduation Requirements:

1. Overall grade point average of 2.5 GPA in all discipline core and elective courses with no grade lower than a C-.
2. Completion of GE and specified departmental requirements. Students are responsible for completing all prerequisite courses.

Digital Media, Minor Careers

1. Demonstrate a strong familiarity and proficiency with professional software for video editing, audio production and editing, basic animation, and web development.
2. Demonstrate understanding and competency with the production pipeline of at least two of the following: Digital Cinema Production, Digital Audio Production, Web & App Development, and Animation.
3. Demonstrate mastery over media file formats, conversion protocols, and storage frameworks.
4. Use critical thinking skills to solve industry-related problems on real world projects and in collaboration with other students.
5. Carry out applied learning activities focused on the production and post production process for digital media productions.

Related Careers

- Web Developers
- Multimedia Artists and Animators
- Graphic Designers

Writing for Entertainment Media, Minor

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Requirements

Students take the full advanced writing curriculum currently offered in the Digital Cinema Program, allowing non-majors to gain a credential in writing storytelling scripts for a variety of media without having to take the full Digital Cinema curriculum.

Total Program Credits: 24

Matriculation Requirements:		
<ol style="list-style-type: none"> 1. Admitted to a bachelor degree program at UVU. 2. Cinema Portfolio Review acceptance OR Writing for Entertainment Minor acceptance and University Advanced Standing. 		
Discipline Core Requirements:		24 Credits
DGM 1510	Film Production Analysis	3
DGM 450R	Story Editing for Digital Media (Must be taken a minimum of twice.)	6
DGM 457R	Storytelling for Digital Media III (Must be taken three times)	9
Complete six hours from the following electives:		6
DGM 1520	Digital Cinema Production I (3) (Elective)	
DGM 2110	Digital Cinema Production II (3) (Elective)	
DGM 3580	Digital Cinema Directing Workshop I (3) (Elective)	
DGM 3590	Documentary I (3) (Elective)	
DGM 4511	Film Production Analysis II (3) (Elective)	
THEA 1033	Acting I FF (3) (Elective)	
THEA 314G	Global Cinema History GI (3) (Elective)	
or	COMM 314G	Global Cinema History GI

or	ENGL 314G	Global Cinema History GI	
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Graduation Requirements:

Writing for Entertainment Media, Minor Careers

1. Students learn the technical aspects of creating scripts for professional media productions, including script formatting, writing for camera, audio and other technical elements in order to create scripts that are easily producible in a professional production.
2. Students learn Film Production Analysis to enable them to understand storytelling principles of structure, character development, audience involvement and how different types of stories vary.
3. Students learn story editing, allowing them to be able to analyze scripts written by other writers, identify storytelling strengths and challenges, and work with other writers on improving their scripts, as well as being able to apply the same analytical tools to their own work.
4. Students graduate having completed a full long-form media script (i.e. a storytelling media experience requiring a minimum of 45 minutes), which can serve as a strong entree into the world of professional media writing.
5. Students gain knowledge of the business and economic aspects of professional media writing.

Related Careers

- Web Developers
- Multimedia Artists and Animators
- Graphic Designers

Animation and Game Development, B.S.

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Requirements

The BS in Animation and Game Development focuses on contemporary, industry-standard, and technology oriented processes and procedures.

Total Program Credits: 120

Matriculation Requirements:			
<ol style="list-style-type: none"> 1. Portfolio review acceptance: <ol style="list-style-type: none"> a. After completing first-year courses students may submit a portfolio to one of three Animation and Game Development Tracks. Students are accepted for matriculation into their chosen track based on the quality of work found in their portfolio. A student may only apply twice for program matriculation. b. Acceptance criteria varies for the three academic tracks available. Please meet with an academic advisor to learn more. 			
General Education Requirements:			35 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGL 1005	Literacies and Composition Across Context CC (5)	
	ENGL 2010	Intermediate Academic Writing CC	3
Complete one of the following:			3

Digital Media

	MAT 1030	Quantitative Reasoning QL (3) (recommended for Humanities or Arts majors)	
	MAT 1035	Quantitative Reasoning with Integrated Algebra QL (6)	
	STAT 1040	Introduction to Statistics QL (3) (recommended for Social Science majors)	
	STAT 1045	Introduction to Statistics with Algebra QL (5)	
	MATH 1050	College Algebra QL (4) (recommended for Business, Education, Science, and Health Professions majors)	
	MATH 1055	College Algebra with Preliminaries QL (5)	
	MATH 1090	College Algebra for Business QL (3) (recommended for Business majors)	
Complete one of the following:			3
	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	
	HIST 1700	American Civilization AS (3)	
	HIST 1740	US Economic History AS (3)	
	POLS 1000	American Heritage SS (3)	
	POLS 1100	American National Government AS (3)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
or	PHIL 205G	Ethics and Values IH GI	
	HLTH 1100	Personal Health and Wellness TE	2
or	EXSC 1097	Fitness for Life TE (2)	
Distribution Courses			
	Biology		3
	Physical Science		3
	Additional Biology or Physical Science		3
	Humanities Distribution ¹		3
	Fine Arts Distribution ²		3
	Social/Behavioral Science		3
Discipline Core Requirements:			40 Credits
	DAGV 1200	3D Modeling Essentials	3
	DAGV 2210	3D Modeling and Animation	3
	DAGV 2230	Animation I	2
	DAGV 223L	Animation Lab	1
	DAGV 2240	Character Development	3
	DAGV 2330	Introduction to Rigging	2
	DAGV 233L	Introduction to Rigging Lab	1
	DAGV 3350	Animation and Game Production I	2
	DAGV 335L	Animation and Game Lab I	1
	DAGV 3360	Advanced Character Rigging	3
	DAGV 3450	Animation and Game Production II	2
	DAGV 345L	Animation and Game Lab II	1

	DAGV 3470	Animation Story Development WE	3
	DAGV 490R	Senior Capstone	6
	DGM 3110	Corporate Issues in Digital Media WE	3
	DGM 312G	Digital Media for Intercultural Communication GI	3
	DWDD 301R	Digital Lecture Series	1
or	DAGV 301R	Digital Lecture Series	
Animation and Game Development Tracks:			45 Credits
Students must complete one of the following tracks			45
2D Track Requirements:			
Take the following courses:			
	DGM 1110	Digital Media Essentials I	4
	DAGV 1300	Animation Essentials	2
	DAGV 130L	Animation Essentials Lab	1
	DAGV 1500	Concept Essentials	3
	DAGV 1600	Studio Technology Essentials	3
	DAGV 2340	Digital Storyboarding	3
	DAGV 2480	Introduction to Compositing	3
	DAGV 3310	Technical Design and Direction	3
	DAGV 4350	Advanced Technical Direction I	3
	DAGV 4450	Advanced Technical Direction II	3
	DAGV 4550	Performance Animation	3
	Complete 14 additional approved crdits (3 credits must be upper-division).		14
3D Track Requirements			
Take the following courses:			
	DAGV 1400	Scripting Essentials	3
	CS 1400	Fundamentals of Programming	3
	DAGV 2440	Scripting for Animation and Games I	3
	DAGV 2460	Game Development I	3
	DAGV 2470	Game Development II	3
	DAGV 2480	Introduction to Compositing	3
	DAGV 3310	Technical Design and Direction	3
	DAGV 3440	Scripting for Animation and Games II	3
	DAGV 3460	Game Development III	3
	DAGV 4350	Advanced Technical Direction I	3
	DAGV 4450	Advanced Technical Direction II	3
	DAGV 4550	Performance Animation	3
	Complete 9 additional approved credits.		9
Extended Reality and Simulations Track Requirements:			
Take the following courses:			
	DWDD 1400	Digital Design Essentials	3
	DWDD 1420	Communicating Digital Design WE	3
	DWDD 2420	Media Formats and Outputs	3
	DGM 1645	Mixed Reality Essentials	2
	DAGV 2460	Game Development I	3

DAGV 2470	Game Development II	3
DGM 2245	Mixed Reality Experiences I	3
DGM 260R	Special Topics in Animation and Game Development (Visual Scripting)	3
DGM 270R	Special Topics in Web Design and Development (Materials, Textures, and Lighting)	3
DGM 3261	Mixed Reality Experiences II	3
DGM 4261	Mixed Reality Studio	3
Complete 13 additional approved credits (9 credits must be upper-division)		13

Graduation Requirements:

1. Completion of a minimum of 120 semester credits, with a minimum of 40 credit hours of upper division coursework.
2. A minimum of 2.5 GPA in all discipline core courses with no grade lower than a C- required for graduation. To qualify for the portfolio review, DGM courses must be completed with a grade of B- or higher.
3. Residency hours -- minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
4. Completion of GE and specified departmental requirements, which includes a portfolio review and acceptance into the degree.
5. Successful completion of at least one Global/Intercultural course.
6. Successful completion of at least two Writing Enriched (WE) courses.

Footnotes:

1-[ENGL 220G](#) Introduction to Literature HH GI or [ENGL 2130](#) Science Fiction HH recommended

2-[THEA 1023](#) Introduction to Film FF recommended

Animation and Game Development, B.S. Careers

1. Demonstrate competent application of the Principles of Animation.
2. Rig bipedal and quadrupedal characters for animation and/or interactive titles.
3. Create hybrid (2D and 3D) assets (layouts, backgrounds, characters, props, lights, cameras, scripting, and effects) for film, games, and/or simulations.
4. Composite and render constructed assets into unified scenes.
5. Contribute in a team setting, i.e. plan, schedule, follow through, and communicate, to produce and submit a capstone title demonstrating competent understanding of the animation discipline.

Related Careers

- Web Developers
- Multimedia Artists and Animators
- Graphic Designers

Digital Audio, B.S.

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Requirements

The BS in Digital Audio allows students to study, without distraction, the physics and mathematics of audio engineering, basic audio-related electronics, recording tools and techniques, mixing tools and

techniques, mastering tools and techniques, radio production, room acoustics and design, production sound for film and television, post-production sound, audio restoration (archival, historical, and forensic), and the business and marketing practices of the audio industry.

Total Program Credits: 120

General Education Requirements:			36 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGL 1005	Literacies and Composition Across Contexts CC (5.0)	
	ENGL 2010	Intermediate Academic Writing CC	3
	MATH 1050	College Algebra QL	4
or	MATH 1055	College Algebra with Preliminaries QL (5.0)	
Complete one of the following:			3
	HIST 2700	US History to 1877 AS (3.0)	
and	HIST 2710	US History since 1877 AS (3.0)	
	HIST 1700	American Civilization AS (3.0)	
	HIST 1740	US Economic History AS (3.0)	
	POLS 1000	American Heritage SS (3.0)	
	POLS 1100	American National Government AS (3.0)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
	HLTH 1100	Personal Health and Wellness TE	2
or	EXSC 1097	Fitness for Life TE (2)	
Distribution Courses			
	Biology		3
	Physical Science		3
	Additional Biology or Physical Science		3
	Humanities		3
	Fine Arts ¹		3
	Social/Behavioral Science ²		3
Discipline Core Requirements:			71 Credits
	DGM 1110	Digital Media Essentials I	4
	MUSC 1100	Fundamentals of Music FF	3
	PHYS 1700	Descriptive Acoustics PP	3
	DGM 2130	Digital Audio Essentials	3
	DGM 2140	Audio Hardware I	3
	DGM 2440	Production Sound for Cinema	3
	DGM 2460	Podcast and Radio Production	3
	DGM 2481	Digital Audio Restoration	3
	DGM 2410	Core Recording	3
	DGM 2430	Core Mixing	3
	DGM 2490	Digital Audio Workstation Training I	3
	DGM 2491	Digital Audio Workstation Training II	3
	DGM 3110	Corporate Issues in Digital Media WE	3
	DGM 312G	Digital Media for Intercultural Communication GI	3

Digital Media

DWDD 301R	Digital Lecture Series	1
DGM 3220	Digital Media Project Management	3
DGM 3410	Advanced Recording	3
DGM 3460	Live Sound Reinforcement	3
DGM 3420	Advanced Mixing	3
DGM 3440	Sound for Games I	3
DGM 4000	Writing for Digital Audio WE	3
DGM 4310	Senior Capstone I	3
DGM 4410	Senior Capstone II	3
DGM 4430	Audio Mastering	3
Elective Requirements:		13 Credits
Take 13 credits from the following including 6 upper division credits.		13
MUSC 1010	Introduction to Music FF (3.0)	
MUSC 1110	Music Theory I (3.0)	
MUSC 1120	Music Theory II (3.0)	
DWDD 1600	Web Essentials (3.0)	
DGM 240R	Special Topics in Digital Audio (1-4)	
DAGV 1200	3D Modeling Essentials (3)	
DWDD 2410	Interaction Design (3.0)	
DGM 281R	Internship (1-8)	
DGM 340R	Advanced Topics in Digital Audio (1-4)	
DGM 3430	Recording Studio Design Principles and Practices (3.0)	
DGM 3481	Advanced Audio Restoration and Forensics (3.0)	
DGM 3490	Digital Audio Workstation Training III (3)	
DGM 3491	Digital Audio Workstation Training IV (3)	
DGM 350R	Advanced Topics in Digital Motion Picture Production (1-4)	
DGM 481R	Internship (1-8)	
Or other advisor approved electives		

Graduation Requirements:

1. Completion of a minimum of 120 semester credits.
2. A minimum of 2.5 GPA in all discipline core courses with no grade lower than a C- required for graduation. To qualify for the portfolio review, DGM courses must be completed with a grade of B- or higher.
3. Residency hours -- minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
4. Completion of GE and specified departmental requirements, which includes a portfolio review and acceptance into the degree.
5. Successful completion of at least one Global/Intercultural course.
6. Successful completion of at least two Writing Enriched (WE) courses.

Footnote	
1	MUSC 1010 Introduction to Music FF recommended.
2	MGMT 1010 Introduction to Business recommended

Digital Audio, B.S.

Careers

1. Demonstrate in practicum a thorough knowledge of foundational principles of acoustics, math, signal processing, and all their practical counterparts.
2. Show proficiency in choosing and using appropriate microphones, preamplifiers, and other equipment to record sound in the most accurate and effective way for the application at hand.
3. Produce both technically competent and emotionally powerful mixes of recorded media using the signal processing algorithms and devices listed in item four, below.
4. Demonstrate both technical and artistic command of all signal processors, including, without limitation, equalization, compression, expansion, gate, synthetic and IR reverberation, delay lines, chorus, phase shifting, flange, distortion and harmonic generation, and restoration and forensic processors such as noise recognition and cleaning, de-clicking, hiss removal, and utility processors such as file compression algorithms and format conversion tools.
5. Build a portfolio of recordings and mixes involving a broad range of non-musical subjects as well as a broad range of musical styles.
6. Demonstrate full competency in multimedia collaboration, including film and television production and post-production audio.
7. Show a competent understanding of room and space acoustics, including formal and informal ways of treating a recording or mixing environment to increase sonic accuracy and eliminate standing waves and frequency nulls.
8. Demonstrate an ongoing understanding of the current professional equipment of the audio industry, including both outboard and foundational gear, and also "in the box" solutions for the all-digital environment.
9. Have advanced proficiency in either audio mastering or audio restoration and forensics.

Related Careers

- Web Developers
- Multimedia Artists and Animators
- Graphic Designers

Digital Cinema Production, B.S.

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Requirements

The BS degrees in Digital Cinema Production trains students in the development, production, and post-production process of filmed media content for a variety of platforms. Using a hands-on, practical approach, students learn the tools, equipment, technologies, software, and protocols that are used on sets and post-production facilities, large and small, throughout the world. The curriculum focuses on creating character driven stories and how to use emerging digital technologies to enhance storytelling. Advanced students can choose to focus their study on different skill-sets within the digital cinema production process including, but not limited to, directing for digital cinema, writing for digital cinema, cinematography, production, post-production, documentary, and sports broadcasting.

Total Program Credits: 120

General Education Requirements:		35 Credits
ENGL 1010	Introduction to Academic Writing CC	3

or	ENGH 1005	Literacies and Composition Across Contexts CC (5)	
	ENGL 2010	Intermediate Academic Writing CC	3
Complete one of the following:			3
	MAT 1030	Quantitative Reasoning QL (3)	
	MAT 1035	Quantitative Reasoning with Integrated Algebra QL (6)	
	STAT 1040	Introduction to Statistics QL (3)	
	STAT 1045	Introduction to Statistics with Algebra QL (5)	
	MATH 1050	College Algebra QL (4)	
	MATH 1055	College Algebra with Preliminaries QL (5)	
	MATH 1090	College Algebra for Business QL (3)	
Complete one of the following:			3
	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	
	HIST 1700	American Civilization AS (3)	
	HIST 1740	US Economic History AS (3)	
	POLS 1000	American Heritage SS (3)	
	POLS 1100	American National Government AS (3)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
	HLTH 1100	Personal Health and Wellness TE	2
or	EXSC 1097	Fitness for Life TE (2)	
Distribution Courses			
	Biology		3
	Physical Science		3
	Additional Biology or Physical Science		3
	Humanities Distribution		3
	Fine Arts Distribution ¹		3
	Social/Behavioral Science ²		3
Discipline Core Requirements:			62 Credits
	DGM 1061	Digital Cinema Editing I	3
	DGM 1500	Intro to Digital Cinema	1
	DGM 1510	Film Production Analysis	3
	DGM 1520	Digital Cinema Production I	3
	CINE 217G	Race Class and Gender in U S Cinema GI HH	3
or	DGM 312G	Digital Media for Intercultural Communication GI (3)	
or	RUS 367G	History of Russian Film GI (3)	
or	RUS 416G	Contemporary Russian Cinema GI (3)	
	DGM 2110	Digital Cinema Production II	3
	DGM 2130	Digital Audio Essentials	3
	CINE 2312	Film History II	3
	DGM 2320	Digital Photography and Compositing I	3
	DGM 2440	Production Sound for Cinema	3

	DGM 2540	Cinematography I	3
	DGM 2570	Storytelling for Digital Media I WE	3
or	THEA 2742	Scriptwriting for the Screen WE (3)	
	DGM 2661	Visualization for Digital Cinema-Pre-Directing	3
	DGM 302R	Digital Cinema Production Lecture Series-CineSkype	1
	DGM 3530	Digital Cinema Production Management	3
	DGM 3540	Cinematography II	3
	DGM 3550	Producing I	3
	DGM 3560	Digital Cinema Editing II	3
	DGM 3570	Storytelling for Digital Media II WE	3
	DGM 3580	Digital Cinema Directing Workshop I	3
	DGM 4310	Senior Capstone I	3
	DGM 4410	Senior Capstone II	3
Recommended Tracks:			18 Credits
Complete at least 18 upper-division credits from the following Recommended Tracks.			18
POST-PRODUCTION			
Following this track students must complete three additional upper-division elective credits.			
	DGM 2340	Output and Color for Digital Cinema I (3)	
	DGM 2510	Visual Effects for Digital Cinema I (3)	
or	DCPR 2995	Virtual Reality for Digital Cinema Storytelling (3)	
or	DGM 2490	Digital Audio Workstation Training I (3)	
	DGM 3061	Professional NLE Certification (3)	
	DGM 4510	Visual Effects for Digital Cinema II (3)	
or	DGM 3545	Advanced Editing for Mixed Reality Content (3)	
or	DGM 2491	Digital Audio Workstation Training II (3)	
	DGM 456R	Digital Cinema Editing III (3)	
	DGM 4560	Output and Color for Digital Cinema II (3)	
PRODUCTION			
	ACC 3000	Financial Managerial and Cost Accounting Concepts (3)	
	DGM 3520	Digital Cinema Production III (3)	
	DGM 450R	Story Editing for Digital Media (3)	
	DGM 4550	Producing II (3)	
	DGM 4511	Film Production Analysis II (3)	
or	THEA 3625	Development and Fundraising for the Arts (3)	
	FIN 3100	Principles of Finance (3)	
PRODUCTION (Pre-MBA Track)			
In order to qualify for the 4+1 BS/MBA students must complete all of the following:			

Digital Media

	ACC 3000	Financial Managerial and Cost Accounting Concepts (3)	
	DGM 3520	Digital Cinema Production III (3)	
	DGM 450R	Story Editing for Digital Media (3)	
	DGM 4550	Producing II (3)	
	FIN 3100	Principles of Finance (3)	
	IM 2010	Business Computer Proficiency (3)	
or	IM 2600	Spreadsheet Applications (3)	
	MGMT 2340	Business Statistics I (3)	
CINEMATOGRAPHY			
Following this track students must complete three additional upper-division elective credits.			
	DGM 2340	Output and Color for Digital Cinema I (3)	
	DCPR 2995	Virtual Reality for Digital Cinema Storytelling (3)	
	DGM 3320	Digital Photography and Compositing II (3)	
	DGM 4530	Special Topics-Cinematography Masterworks (3)	
	DGM 454R	Cinematography III (3)	
	DGM 4560	Output and Color for Digital Cinema II (3)	
DIRECTING FOR DIGITAL CINEMA			
	DGM 3520	Digital Cinema Production III (3)	
	DGM 450R	Story Editing for Digital Media (3)	
	DGM 4511	Film Production Analysis II (3)	
	DGM 458R	Digital Cinema Directing Workshop II (3)	
	THEA 3113	Acting for Film (3)	
	THEA 3614	Directing Actors for the Screen (3)	
WRITING FOR DIGITAL CINEMA			
	DGM 3520	Digital Cinema Production III (3)	
	DGM 450R	Story Editing for Digital Media (3)	
	DGM 4511	Film Production Analysis II (3)	
	DGM 457R	Storytelling for Digital Media III (3)	
	THEA 3741	Script Writing II (3)	
	THEA 4741	Scriptwriting III (3)	
or	THEA 3241	Storytelling (3)	
SPORTS BROADCASTING PRODUCTION			
	DGM 2340	Output and Color for Digital Cinema I (3)	
	DGM 351R	Digital Broadcasting (3) (Take for up to three semesters, equaling nine credits)	
	DGM 4560	Output and Color for Digital Cinema II (3)	
	DGM 454R	Cinematography III (3)	
or	DGM 3590	Documentary I (3)	
DOCUMENTARY			
	DCPR 2995	Virtual Reality for Digital Cinema Storytelling (3)	

	DGM 3590	Documentary I (3)	
	CINE 418R	Sundance Documentary Film (3)	
or	THEA 3110	Non Fiction Cinema History (3)	
	DGM 450R	Story Editing for Digital Media (3)	
	DGM 456R	Digital Cinema Editing III (3)	
or	DGM 454R	Cinematography III (3)	
	DGM 459R	Documentary II (3)	
Elective Requirements:			5
Complete an additional 5 credits from the above Recommended Tracks or from the list below.			
	ART 1050	Photography I FF (3)	
	ART 1790	Dark Room Techniques (3)	
	ART 1820	Interior Space Design (3)	
	ART 1830	Residential Interior Design (3)	
	ART 2700	Photography II (3)	
	ART 2720	Color Photography (3)	
	ART 3740	Fine Art Photography WE (3)	
	ARTH 2710	Prehistoric Through Gothic Art History FF (3)	
or	ARTH 271H	Prehistoric Through Gothic Art History FF	
	ARTH 2720	Renaissance Through Contemporary Art History FF (3)	
or	ARTH 272H	Renaissance Through Contemporary Art History FF	
	ARTH 3200	The History of Photography (3)	
	CINE 2150	Critical Introduction to Cinema Studies HH (3)	
	CINE 312R	National Cinema History (3)	
	DGM 1110	Digital Media Essentials I (4)	
	DGM 281R	Internship (1-8)	
	DGM 3110	Corporate Issues in Digital Media WE (3)	
	DGM 3261	Mixed Reality Experiences II (3)	
	DGM 340R	Advanced Topics in Digital Audio (1-4)	
	DGM 3490	Digital Audio Workstation Training III (3)	
	DGM 3491	Digital Audio Workstation Training IV (3)	
	DGM 4261	Mixed Reality Studio (3)	
	DGM 481R	Internship (1-8)	
	DWDD 3530	Immersive Experiences II (3)	
	THEA 1033	Acting I FF (3)	
	THEA 1223	Makeup I (3)	
	THEA 2513	Introduction to Design for Stage and Screen (3)	
	THEA 1513	Stagecraft I (2)	
	THEA 1514	Stagecraft I Lab (1)	
	THEA 2203	Costume Construction I (3)	
	THEA 2204	Costume Construction I Lab (1)	

THEA 2513	Introduction to Design for Stage and Screen (3)	
THEA 2514	Introduction to Design for Stage and Screen Lab (1)	
THEA 2517	Visual Concepts in Theatre (3)	
THEA 2541	Costume History GI (3)	
THEA 2574	Drafting for Theatre Design (3)	
THEA 314G	Global Cinema History GI (3)	
THEA 3223	Makeup II (3)	
THEA 3241	Storytelling (3)	
THEA 3516	Art Direction for Film (3)	
THEA 3541	Costume Design I (3)	
THEA 3571	Scenic Design I (3)	
THEA 3573	Scenic Painting (3)	
THEA 3612	Directing Actors for the Stage (3)	
THEA 3625	Development and Fundraising for the Arts (3)	
THEA 374R	New Script Workshop (3)	
THEA 416R	Special Topics in Film Studies (3)	
THEA 4547	Costume Design II (3)	
THEA 4577	Scenic Design II (3)	

Graduation Requirements:

1. Completion of a minimum of 120 semester credits.
2. A minimum of 2.5 GPA in all discipline core courses with no grade lower than a C- required for graduation. To qualify for the portfolio review, DGM courses must be completed with a grade of B- or higher.
3. Residency hours -- minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
4. Completion of GE and specified departmental requirements, which includes a portfolio review and acceptance into the degree.
5. Successful completion of at least one Global/Intercultural course.
6. Successful completion of at least two Writing Enriched (WE) courses.

Footnote:

1-THEA 2311 Film History I FF recommended

2 - MGMT 1010 Introduction to Business SS recommended

Digital Cinema Production, B.S.**Careers**

1. Technical – students will understand the use of camera, camera menus, electrical lighting, natural lighting, editing, color correction, audio recording, data management, and scheduling and budgeting software in order to be successfully handle the requirements of entry-level positions within the industry that require this technical knowledge.
2. Communicative – students will understand the structure, technique, format and style of contemporary storytelling for filmed media content, as well as the software used to create it. They will be able to write and express complex ideas using industry standard formatting that present story, visualization, camera angles, lighting designs, character development, and production design
3. Leadership – students will understand film set protocol and film set culture and will be able to lead and train others in

proper performance on filmed media industry sites. They will understand expectations and requirements of union regulated production standards and be able to adhere to them and train others in these standards

4. Aesthetic – students will understand the aesthetic side of filmed media design, composition and color theory and how these elements are created using cameras, software, and source design.

Related Careers

- Art, Drama, and Music Teachers, Postsecondary
- Producers and Directors
- Camera Operators, Television, Video, and Motion Picture
- Film and Video Editors

Web Design and Development - Interaction Design and Development Emphasis, B.S.

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Requirements

The BS in Web Design and Development allows students to study app development for mobile devices, web design, and development for mobile friendly websites, digital magazine publishing, and user experience design. In order to be successful in these areas, students need skills in design and content creation.

Total Program Credits: 120

General Education Requirements:			35 Credits
or	ENGL 1010	Introduction to Academic Writing CC	3
	ENGL 1005	Literacies and Composition Across Contexts CC (5.0)	
	ENGL 2010	Intermediate Academic Writing CC	3
Complete one of the following:			3
	MAT 1030	Quantitative Reasoning QL (3.0)	
	MAT 1035	Quantitative Reasoning with Integrated Algebra QL (6.0)	
	STAT 1040	Introduction to Statistics QL (3.0)	
	STAT 1045	Introduction to Statistics with Algebra QL (5.0)	
	MATH 1050	College Algebra QL (4.0) (recommended for Business, Education, Science, and Health Professions majors)	
	MATH 1055	College Algebra with Preliminaries QL (5.0)	
	MATH 1090	College Algebra for Business QL (3.0)	
Complete one of the following:			3
	HIST 2700	US History to 1877 AS (3.0)	
and	HIST 2710	US History since 1877 AS (3.0)	
	HIST 1700	American Civilization AS (3.0)	
	HIST 1740	US Economic History AS (3.0)	
	POLS 1000	American Heritage SS (3.0)	
	POLS 1100	American National Government AS (3.0)	
Complete the following:			

Digital Media

	PHIL 2050	Ethics and Values IH	3
	HLTH 1100	Personal Health and Wellness TE	2
or	EXSC 1097	Fitness for Life TE (2.0)	
Distribution Courses			
	Biology		3
	Physical Science		3
	Additional Biology or Physical Science		3
	Humanities Distribution		3
	Fine Arts Distribution		3
	Social/Behavioral Science		3
Discipline Core Requirements:			44 Credits
	DWDD 1400	Digital Design Essentials	3
	DWDD 1410	Interaction Design Essentials	3
	DWDD 1420	Communicating Digital Design WE	3
	DWDD 1430	Principles of Digital Design	3
	DWDD 1600	Web Essentials	3
	DWDD 1720	Scripting for Internet Technologies	3
	DWDD 2410	Interaction Design	3
	DWDD 241R	Interaction Design Practicum	1
	DWDD 2610	Principles of Web Languages	3
	DWDD 301R	Digital Lecture Series	1
	DGM 3110	Corporate Issues in Digital Media WE	3
	MKTG 3690	Digital Marketing Analytics	3
	DGM 312G	Digital Media for Intercultural Communication GI	3
	DGM 3220	Digital Media Project Management	3
	DGM 481R	Internship	1
	DWDD 490R	Senior Capstone	6
Interaction and Design Requirements			40
	DWDD 2420	Media Formats and Outputs	3
	DWDD 2510	Interactive Media Production	3
	DWDD 2520	Digital Product Experiences I	3
	DWDD 3410	Interaction Design Colloquium	3
	DWDD 3520	Digital Product Experiences II	3
	DWDD 3430	Adaptive Media Experience	3
	DWDD 4430	Adaptive Media II	3
	DWDD 4520	Digital Product Design Studio	3
	DWDD 4240	Experience Design Process	3
Complete 13 credits of electives (at least 2 credits must be upper-division)			13
	ART 1410	Typography I (3)	
	DWDD 2530	Immersive Experiences I (3)	
	DGM 281R	Internship (1-8)	
	DGM 1645	Mixed Reality Essentials (2)	
	DGM 2245	Mixed Reality Experiences I (3)	

	DCPR 2995	Virtual Reality for Digital Cinema Storytelling (3)	
	DGM 3261	Mixed Reality Experiences II (3)	
	DWDD 4560	Designing Voice Experiences (3)	
	Or other advisor-approved electives		

Graduation Requirements:

1. Completion of a minimum of 120 semester credits.
2. A minimum of 2.5 GPA in all discipline core courses with no grade lower than a C- required for graduation. To qualify for the portfolio review, DGM courses must be completed with a grade of B- or higher.
3. Residency hours -- minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
4. Completion of GE and specified departmental requirements, which includes a portfolio review and acceptance into the degree.
5. Successful completion of at least one Global/Intercultural course.
6. Successful completion of at least two Writing Enriched (WE) courses.

Web Design and Development - Interaction Design and Development Emphasis, B.S.

Careers

1. Develop critical thinking skills to solve industry-related problems.
2. Professional level creative design and production, problem solving, and robust verbal and written communication skills
3. Demonstrate junior level of proficiency in using industry standard digital hardware and software within their specific emphasis on student and real world projects
4. Work on community partnered and service learning projects that benefit the local community.

Related Careers

- Web Developers
- Multimedia Artists and Animators
- Graphic Designers

Web Design and Development - Web and App Development Emphasis, B.S.

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Requirements

The BS in Web Design and Development allows students to study app development for mobile devices, web design, and development for mobile friendly websites, digital magazine publishing, and user experience design. In order to be successful in these areas, students need skills in design and content creation.

Total Program Credits: 120

General Education Requirements:			35 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGL 1005	Literacies and Composition Across Contexts CC (5)	
	ENGL 2010	Intermediate Academic Writing CC	3
Complete one of the following:			3
	MAT 1030	Quantitative Reasoning QL (3)	

	MAT 1035	Quantitative Reasoning with Integrated Algebra QL (6)	
	STAT 1040	Introduction to Statistics QL (3)	
	STAT 1045	Introduction to Statistics with Algebra QL (5)	
	MATH 1050	College Algebra QL (4.0) (recommended for Business, Education, Science, and Health Professions majors)	
	MATH 1055	College Algebra with Preliminaries QL (5)	
	MATH 1090	College Algebra for Business QL (3)	
Complete one of the following:			3
	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	
	HIST 1700	American Civilization AS (3)	
	HIST 1740	US Economic History AS (3)	
	POLS 1000	American Heritage SS (3)	
	POLS 1100	American National Government AS (3)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
	HLTH 1100	Personal Health and Wellness TE	2
or	EXSC 1097	Fitness for Life TE (2)	
Distribution Courses			
	Biology		3
	Physical Science		3
	Additional Biology or Physical Science		3
	Humanities Distribution		3
	Fine Arts Distribution		3
	Social/Behavioral Science		3
Discipline Core Requirements:			45 Credits
	DWDD 1400	Digital Design Essentials	3
	DWDD 1410	Interaction Design Essentials	3
	DWDD 1420	Communicating Digital Design WE	3
	DWDD 1430	Principles of Digital Design	3
	DWDD 1600	Web Essentials	3
	DWDD 1720	Scripting for Internet Technologies	3
	DWDD 2410	Interaction Design	3
	DWDD 241R	Interaction Design Practicum	1
	DWDD 2610	Principles of Web Languages	3
	DWDD 301R	Digital Lecture Series	1
	DGM 3110	Corporate Issues in Digital Media WE	3
	MKTG 3690	Digital Marketing Analytics	3
	DGM 312G	Digital Media for Intercultural Communication GI	3
	DGM 3220	Digital Media Project Management	3
	DGM 481R	Internship	1

	DWDD 490R	Senior Capstone	6
Emphasis Requirements:			40 Credits
	DWDD 2620	Web Tools and Frameworks I	3
	DWDD 2720	Web Languages I	3
	DWDD 3620	Web Tools and Frameworks II	3
	DWDD 3720	Web Languages II	3
	DWDD 3770	Rich Internet Application Development I	3
	DWDD 3780	Rich Internet Application Development II	3
	DWDD 4630	Web Content Management	3
Emphasis Elective Requirements:			
Complete 19 credits of electives (at least 5 upper-division):			19
	CS 1400	Fundamentals of Programming (3)	
or	INFO 1200	Computer Programming I for IS IT (3)	
	CS 1410	Object-Oriented Programming (3)	
or	INFO 2200	Computer Programming II for IS IT (3)	
	CS 2420	Introduction to Algorithms and Data Structures (3)	
	DGM 1645	Mixed Reality Essentials (2)	
	DWDD 2420	Media Formats and Outputs (3)	
	DWDD 2510	Interactive Media Production (3)	
	DWDD 2520	Digital Product Experiences I (3)	
	DGM 281R	Internship (1-8)	
	DWDD 3410	Interaction Design Colloquium (3)	
	DWDD 3430	Adaptive Media Experiences (3)	
	DWDD 3520	Digital Product Experiences II (3)	
	DWDD 4430	Adaptive Media II (3)	
	Or other advisor-approved electives		

Graduation Requirements:

1. Completion of a minimum of 120 semester credits.
2. A minimum of 2.5 GPA in all discipline core courses with no grade lower than a C- required for graduation. To qualify for the portfolio review, DGM courses must be completed with a grade of B- or higher.
3. Residency hours -- minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
4. Completion of GE and specified departmental requirements, which includes a portfolio review and acceptance into the degree.
5. Successful completion of at least one Global/Intercultural course.
6. Successful completion of at least two Writing Enriched (WE) courses.

Web Design and Development - Web and App Development Emphasis, B.S.
Careers

1. Students will be able to leverage accepted design principles to build visually appealing mockups and wire frames to maximize the user experience.

Digital Media

2. Students will be able to develop functional interfaces using current frameworks and technologies that work on multiple devices.
3. Students will be able to effectively communicate with peers in a work team and clients in both verbal and written forms.

Related Careers

- Web Developers
- Multimedia Artists and Animators
- Graphic Designers

Earth Science

DEPARTMENT CHAIR

WANG, Weihong *Associate Professor*

FACULTY

BRADFORD, Joel A. *Associate Professor*

BUNDS, Michael P. *Professor*

CADET, Eddy L. *Professor*

CALLISON, James *Associate Professor*

CZAJKA, Charles Doug *Assistant Professor*

HUNGERFORD, Hilary B. *Assistant Professor*

NELSON, Daren T. *Associate Professor*

STEARNS, Michael *Assistant Professor*

STEPHEN, Daniel A. *Associate Professor*

TOKE, Nathan *Associate Professor*

WANG, Weihong *Associate Professor*

ZANAZZI, Alessandro *Associate Professor*

Degrees & Programs

Physical Science, A.S.

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Requirements

Students interested in a physical science are encouraged to earn a baccalaureate degree (BS). The AS-PHSC degree is meant to prepare students on the path to a physical science baccalaureate degree (BS) such as geology (BS-GEOL), physics (BS-PHYS), or chemistry (BS-CHEM).

Total Program Credits: 60

General Education Requirements:		37 Credits
	ENGL 1010 Introduction to Academic Writing CC	3
or	ENGH 1005 Literacies and Composition Across Contexts CC (5)	
	ENGL 2010 Intermediate Academic Writing CC	3
	MATH 1050 College Algebra QL	4
or	MATH 1055 College Algebra with Preliminaries QL (5)	
Complete one of the following:		3
	HIST 2700 US History to 1877 AS (3)	
and	HIST 2710 US History since 1877 AS (3)	
	HIST 1700 American Civilization AS (3)	
	HIST 1740 US Economic History AS (3)	
	POLS 1000 American Heritage SS (3)	
	POLS 1100 American National Government AS (3)	
Complete the following:		
	PHIL 2050 Ethics and Values IH	3
or	PHIL 205G Ethics and Values IH GI (3)	
	HLTH 1100 Personal Health and Wellness TE	2
or	EXSC 1097 Fitness for Life TE (2)	

Distribution Courses		
Biology		3
Physical Science: Complete one of the following pair of courses		7
	PHYS 2210 Physics for Scientists and Engineers I PP (4)	
and	PHYS 2220 Physics for Scientists and Engineers II PP (4)	
or	CHEM 1210 Principles of Chemistry I PP (4)	
and	CHEM 1220 Principles of Chemistry II PP (4)	
or	GEO 1010 Introduction to Geology PP (3)	
or	GEO 1030 Natural Disasters and the Environment PP (3)	
or	GEO 1040 The Dinosaurian World PP (3)	
or	GEO 1050 Geology of National Parks PP (3)	
and	CHEM 1210 Principles of Chemistry I PP (4)	
Humanities		3
Fine Arts		3
Social/Behavioral Science		3
Discipline Core Requirements:		11 Credits
Complete one of the following		11
Recommended for students most interested in physics:		
	MATH 1210 Calculus I QL (4)	
	MATH 1220 Calculus II (4)	
	PHYS 2215 Physics for Scientists and Engineers I Lab (1)	
	PHYS 2225 Physics for Scientists and Engineers II Lab (1)	
Any 1000 or 2000 level PHYS elective (1)		
Recommended for students most interested in chemistry:		
	CHEM 1215 Principles of Chemistry I Laboratory (1)	
	CHEM 1225 Principles of Chemistry II Laboratory (1)	
	CHEM 2310 Organic Chemistry I (4)	
	CHEM 2315 Organic Chemistry I Laboratory (1)	
	CHEM 2320 Organic Chemistry II (4)	
	CHEM 2325 Organic Chemistry II Laboratory (1)	
Recommended for students most interested in earth science:		
	CHEM 1215 Principles of Chemistry I Laboratory (1)	
	CHEM 1220 Principles of Chemistry II PP (4)	
	CHEM 1225 Principles of Chemistry II Laboratory (1)	
	GEO 1015 Introduction to Geology Laboratory (1)	
	GEO 1220 Historical Geology (3)	
	GEO 1225 Historical Geology Laboratory (1)	
Elective Requirements:		12 Credits
Complete 12 credits from the following (not to include any course being used to fill one of the requirements above).		12

Earth Science

Consult with an advisor to determine which courses best match your long-term educational and career goals.		
	CHEM 1210	Principles of Chemistry I PP (4)
	CHEM 1215	Principles of Chemistry I Laboratory (1)
	CHEM 1220	Principles of Chemistry II PP (4)
	CHEM 1225	Principles of Chemistry II Laboratory (1)
	CHEM 2310	Organic Chemistry I (4)
	CHEM 2315	Organic Chemistry I Laboratory (1)
	CHEM 2320	Organic Chemistry II (4)
	CHEM 2325	Organic Chemistry II Laboratory (1)
	ENVT 1110	Introduction to Environmental Management PP (3)
	ENVT 2730	Introduction to Soils (4)
	GEO 1010	Introduction to Geology PP (3)
or	GEO 1030	Natural Disasters and the Environment PP (3)
or	GEO 1040	The Dinosaurian World PP (3)
or	GEO 1050	Geology of National Parks PP (3)
	GEO 1080	Introduction to Oceanography PP (3)
	GEO 1220	Historical Geology (3)
	GEO 1225	Historical Geology Laboratory (1)
	GEO 2500	Introduction to Field Geology
	GEOG 1000	Introduction to Physical Geography PP (3)
	GEOG 1800	Mapping the World with Geospatial Technology PP
	MATH 1060	Trigonometry QL (3)
	MATH 1210	Calculus I QL (4) (MATH 1060 is a prerequisite for this course.)
	MATH 1220	Calculus II (4)
	MATH 2210	Calculus III (3)
	MATH 2270	Linear Algebra (3)
	MATH 2280	Ordinary Differential Equations (3)
	METO 1010	Introduction to Meteorology PP (3)
	METO 1060	Fundamentals of Weather Forecasting PP (3)
	PHYS 2210	Physics for Scientists and Engineers I PP (4)
	PHYS 2215	Physics for Scientists and Engineers I Lab (1)
	PHYS 2220	Physics for Scientists and Engineers II PP (4)
	PHYS 2225	Physics for Scientists and Engineers II Lab (1)
	STAT 1040	Introduction to Statistics QL (3)

Graduation Requirements:

1. Completion of a minimum of 60 semester credits.
2. Overall grade point average of 2.0 (C) or above (departments may require a higher GPA).

3. Residency hours: minimum of 20 credit hours through course attendance at UVU.
4. Completion of GE and specified departmental requirements.

Physical Science, A.S.

Careers

Program Learning Outcomes
1. Develop broad foundational knowledge in the physical sciences by correctly using evidence, experiment and observation, interpretation, and physical concepts.
2. Demonstrate patterns of critical, scientific, and quantitative reasoning in application to problems or issues related to the physical sciences.
3. Follow practices necessary to safely and ethically use laboratory or other measurement equipment used in the physical sciences.
4. Graduate with a breadth of physical science knowledge enabling students to select and proceed with a BS degree program within the physical sciences.

Related Careers

- Natural Sciences Managers
- Secondary School Teachers, Except Special and Career/Technical Education

Geographic Information Systems, Certificate of Proficiency

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Requirements

The Certificate of Proficiency in Geographic Information Systems (GIS) provides students with a focused program of study in the fundamentals required to succeed in a wide range of careers in geospatial science. GIS includes the hardware, software, and data required to capture, store, display, and analyze geographically referenced information. Students in the certificate program learn the theory and methodology of geospatial data collection, storage and management, interpretation, and visualization through courses in cartography, remote sensing, GIS theory and applications, and geospatial field methods. In directed class projects students apply geospatial data techniques to real-world problems while gaining firsthand experience in project design and management.

Total Program Credits: 19

Discipline Core Requirements:			19 Credits
	GEOG 3400	Environmental Remote Sensing*	3
or	SURV 1220	Remote Sensing and Photogrammetry (3.0)	
	GEOG 3600	Introduction to Geographic Information Systems	4
or	GIS 3600	Introduction to Geographic Information Systems (4.0)	
	GIS 3620	Advanced Geographic Information Systems	3
or	GEOG 3650	Advanced Geographic Information Systems (4.0)	
	GEOG 4100	Geospatial Field Methods	3
or	EGDT 2400	Surveying Applications and Field Techniques II (3.0)	
Complete 6 credits from the following courses:			6

CS 1400	Fundamentals of Programming (3.0)	
GEOG 482R	GIS Internship (1-3)	
GEOG 489R	Student Research in Geography (1-4)	
GIS 3630	Geographic Information Systems Application Development (3.0)	
SURV 1340	Fundamentals of Boundary Law (3.0)	
SURV 2030	Geodesy (3.0)	
SURV 3210	Advanced Photogrammetry (3.0)	
EGDT 1040	Fundamentals of Technical Engineering Drawing (3.0)	
Or any courses with the following prefix: GEOG, SURV, GIS, EGDT subject to department approval		

Graduation Requirements:

- Grade of C- or higher in all courses used to satisfy requirements of the certificate.

Footnotes:

*Earth Science majors are encouraged to take GEOG 3400

Geographic Information Systems, Certificate of Proficiency Careers

- Prior to graduation, our students will develop the necessary technical knowledge in Earth system science, geology, environmental science and management, geoscience education and geography, as well as underlying foundational and interdisciplinary sciences including physics, chemistry, biology, and mathematics to succeed in professional careers related to their degree programs or in associated graduate programs.
- Students will demonstrate effective oral and written communication skills that will enable them to succeed at presenting and publishing scientific data and reports.
- Our students will develop skills to critically evaluate scientific questions and address those questions using both logical, laboratory, geospatial, and other creative approaches.
- Our students will graduate with knowledge of the relevant agencies (e.g., EPA, BLM, USGS, UGS, etc.) and the associated laws and regulations relevant to their field of study.
- Our students will graduate with sufficient knowledge of the breadth of career opportunities available to them that they can obtain career satisfaction. Additionally, they will know of the primary responsibilities and the expectations of them within their chosen professional track such that they are successful in the eyes of their employer(s).

Related Careers

- Managers, All Other
- Cartographers and Photogrammetrists
- Geography Teachers, Postsecondary

Water and Wastewater Operations, Certificate of Completion

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Requirements

The Certificate of Completion in Water and Wastewater Operations provides students with a focused program of study in the fundamentals required to succeed in a wide range of careers in water and wastewater treatment. Water and Wastewater Operations includes the equipment, biological principles, and chemical principles needed to produce water that is safe and pleasant to drink and reclaimed wastewater that is safe and beneficial to release into the environment. Students in the certificate program learn the theory and methodology of water purification through courses in environmental microbiology, the hydraulics of water, drinking water treatment and water reclamation. In classroom discussions, field trips, and lab exercises students apply principles of biology and chemistry to real-world problems while gaining experience in the techniques they will use in a typical treatment plant.

Total Program Credits: 30

Discipline Core Requirements:			24 Credits
or	ENGL 1010	Introduction to Academic Writing CC	3
	ENGH 1005	Literacies and Composition Across Contexts CC (5)	
	MATH 1050	College Algebra QL	4
	ENVT 1200	Environmental Worker Safety	3
	CHEM 1210	Principles of Chemistry I PP	4
	CHEM 1215	Principles of Chemistry I Laboratory	1
	ENVT 1270	Environmental Microbiology	3
	ENVT 1300	Environmental Lab and Sampling	2
	ENVT 3210	Water Quality and Reclamation	4
Elective Requirements:			6 Credits
Complete two of the following courses:			6
	ENVT 1510	Hazardous Materials Emergency Response (3)	
	ENVT 3280	Environmental Law (3)	
	ENVT 2560	Environmental Health (3)	
	ENVT 3010	Environmental Toxicology (3)	
	ENVT 3320	Hydraulics of Water (3)	
	ENVT 3330	Water Resources Management (3)	
	ENVT 3790	Applied Hydrology WE (4)	
	ENVT 3850	Environmental Policy WE (3)	

Graduation Requirements:

- Completion of a minimum of 31 credits.
- Overall grade point average of 2.0 (C) or above.
- Residency hours -- Minimum of 10 credits required through course attendance at UVU.

Water and Wastewater Operations, Certificate of Completion Careers

- With completion of this certificate, our students will develop the necessary technical knowledge to work in fields related to water delivery and treatment and to attain and maintain professional certification related to this career field.

Related Careers

- Water and Wastewater Treatment Plant and System Operators

Earth Science

Earth Science, Minor

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Requirements

The Minor in Earth Science can be combined with other university-wide bachelor's degrees. The minor provides students with broad academic knowledge of foundational scientific principles in this field of study. In addition to taking introductory lecture and lab courses in geology (4 credits) students will complete at least two lower division earth science courses (7 credits) and three upper division earth science courses (10 credits). Students can choose to specialize their minor with up to three classes in weather and climate, or a series of classes in geology and geochemistry, or a series of courses that focus on earth surface processes and hazards geology, or they can choose to take a very broad range of courses spanning topics such as environmental science, meteorology, oceanography, paleontology and Earth history, tectonics and others.

Total Program Credits: 22

Discipline Core Requirements:		22 Credits
	GEO 1010 Introduction to Geology PP	3
or	GEO 1030 Natural Disasters and the Environment PP	
or	GEO 1040 The Dinosaurian World PP	
or	GEO 1050 Geology of National Parks PP	
	GEO 1015 Introduction to Geology Laboratory	1
Complete seven credits lower division electives from the following		7
	ENVT 1110 Introduction to Environmental Management PP (3)	
	ENVT 2710 Environmental Careers (1)	
	ENVT 2730 Introduction to Soils (4)	
	GEO 202R Science Excursion (1)	
	GEO 204R Natural History Excursion BB (3)	
	GEO 1020 Prehistoric Life BB (3.0)	
	GEO 1080 Introduction to Oceanography PP (3.0)	
	GEO 1220 Historical Geology (3)	
and	GEO 1225 Historical Geology Laboratory (1)	
	GEO 2070 Desert Natural History (3)	
	GEO 2500 Introduction to Field Geology (3)	
	GEOG 1000 Introduction to Physical Geography PP (3)	
	GEOG 1800 Mapping the World with Geospatial Technology PP (3)	
	GEOG 2000 Sustainability and Environment SS (3)	
	METO 1010 Introduction to Meteorology PP (3.0)	
	METO 1060 Fundamentals of Weather Forecasting PP (3.0)	
Complete eleven credits of upper division electives from the following:		11
	ENVT 3790 Applied Hydrology WE (4.0)	
	ENVT 3800 Energy Use on Earth (3)	
	GEO 3000 Environmental Geochemistry (3)	
	GEO 3070 Advanced Desert Natural History (3)	
	GEO 3080 Earth Materials WE (3)	

and	GEO 3085	Earth Materials Laboratory (1)
	GEO 3100	Isotope Geochemistry (3)
and	GEO 3105	Isotope Geochemistry Laboratory (1)
	GEO 3200	Geologic Hazards (4.0)
and	GEO 3205	Geologic Hazards Laboratory (1)
	GEO 3700	Structure and Tectonics (4.0)
	GEO 4500	Sedimentary Geology WE (4.0)
	GEO 4510	Paleontology (4.0)
	GEO 4080	Petrology (4)
	GEO 4085	Petrology Laboratory (1)
	GEO 4790	Hydrogeology (4)
	GEO 480R	Earth Science Seminar (0.5) (may be repeated once)
	GEO 490R	Special Topics in Geology (1-4) (Special Topics, Research and Internships) (Up to four credits can count toward the minor)
or	ENVT 495R	Special Projects in Environmental Management
or	ENVT 482R	Geologic Environmental Internship
or	GEOG 482R	GIS Internship
or	GEOG 489R	Student Research in Geography
or	GEOG 490R	Special Topics in Geography
or	GEO 482R	Geologic Environmental Internship
or	GEO 489R	Student Research
or	GEO 495R	Independent Study
	GEO 495R	Independent Study (1-4)
	GEOG 3000	Climate Change: Science and Society (3)
	GEOG 3500	Geomorphology WE (4.0)
or	GEO 3500	Geomorphology WE (4.0)
	GEOG 3600	Introduction to Geographic Information Systems (4.0)
	GEOG 3700	Wetland Studies (3)
	GEOG 3705	Wetland Studies Laboratory (1)

Graduation Requirements

1. Grade of C- or higher in all courses used to satisfy requirements of the minor.

Earth Science, Minor

Careers

1. Knowledge of at least two of the core fields of earth science, including petrology, mineralogy, sedimentology, paleontology, structural geology, engineering geology, hydrology, climatology, and meteorology.
2. Ability to communicate effectively both verbally and in writing.

Related Careers

- Natural Sciences Managers
- Geoscientists, Except Hydrologists and Geographers

- Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary

Environmental Science and Management, Minor

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Requirements

Environmental science is the study of the Earth's surface, including its water and atmosphere, with a particular focus on their relationship to humans and other living things. Environmental science applies chemistry, physics, mathematics, and biology to answer questions about the Earth and its interrelationships with living things. Environmental management focuses on the maintenance of environmental resources, for example water resources. Environmental scientists may conduct studies in the field, in the laboratory using advanced analytical equipment, and in the office using specialized computer software. The program is preparation for a variety of career paths, including water monitoring, treatment, and pollution control with local, state, or federal agencies; environmental consulting with private industry; and other careers that draw on a background in the natural sciences, including law, public policy, and public health.

Total Program Credits: 21

Discipline Core Requirements:		10 Credits
Required Courses		
ENVT 1110	Introduction to Environmental Management PP	3
ENVT 2560	Environmental Health	3
ENVT 2710	Environmental Careers	1
ENVT 3850	Environmental Policy WE	3
Elective Courses:		11 Credits
Complete at least 11 credits from the following list, at least six need to have an ENVT designation. In addition, at least eight credits must be 3000-level or higher.		11
Environmental Science and Management		
ENVT 1200	Environmental Worker Safety (3)	
ENVT 1270	Environmental Microbiology (3)	
ENVT 1300	Environmental Lab and Sampling (3)	
ENVT 1510	Hazardous Materials Emergency Response (3)	
ENVT 2730	Introduction to Soils (4)	
ENVT 3010	Environmental Toxicology (3)	
ENVT 3210	Water Quality and Reclamation (3)	
ENVT 3280	Environmental Law (3)	
ENVT 3290	Environmental Reporting WE (3)	
ENVT 3320	Hydraulics of Water (3)	
ENVT 3330	Water Resources Management (3)	
ENVT 3530	Environmental Management Systems (3)	
ENVT 3550	Site Investigation (3)	
ENVT 3750	Land Use Planning (3)	
ENVT 3790	Applied Hydrology (4)	

ENVT 3800	Energy Use on Earth (3)	
ENVT 482R	Geologic Environmental Internship (1-3)	
ENVT 495R	Special Projects in Environmental Management (1-3)	
Geography		
GEOG 2000	Sustainability and Environment SS (3)	
GEOG 3400	Environmental Remote Sensing (3)	
GEOG 3500	Geomorphology WE (4)	
GEOG 3600	Introduction to Geographic Information Systems (4)	
GEOG 3650	Advanced Geographic Information Systems (4)	
GEOG 3700	Wetland Studies (3)	
GEOG 3705	Wetland Studies Laboratory (1)	
GEOG 4100	Geospatial Field Methods (3)	
Geology		
GEO 1010	Introduction to Geology PP (3)	
GEO 1015	Introduction to Geology Laboratory (1)	
GEO 1080	Introduction to Oceanography PP (3)	
GEO 1085	Introduction to Oceanography Laboratory (1)	
GEO 3000	Environmental Geochemistry (3)	
GEO 3100	Isotope Geochemistry (3)	
GEO 3105	Isotope Geochemistry Laboratory (1)	
GEO 3200	Geologic Hazards (4)	
GEO 3205	Geologic Hazards Laboratory (1)	
At most 4 credits of the following may be used towards elective requirements:		
BIOL 2500	Environmental Biology BB (3)	
BIOL 3700	General Ecology (3)	
BIOL 3800	Conservation Biology (3)	
BOT 4050	Plant Ecology (3)	
CHEM 3020	Environmental Chemistry (3)	
CHEM 3025	Environmental Chemistry Laboratory (3)	
ENST 3000	Introduction to Environmental Studies (3)	
Or other electives approved by the chair of the Earth Science Department		

Graduation Requirements

1. Grade of C- or higher in all courses used to satisfy requirements of the minor.

Environmental Science and Management, Minor Careers

1. Develop the necessary technical knowledge in environmental science and technology management and the underlying foundational and interdisciplinary sciences to succeed in their professional careers.

Earth Science

2. Demonstrate effective oral and written communication skills that will enable them to succeed at presenting and publishing scientific data and reports.
3. Develop skills to critically evaluate scientific literature and scientific problems, identify existing and new scientific questions, and address those questions using both logical, laboratory, geospatial, and other creative approaches
4. Articulate how the relevant governmental agencies (e.g., EPA, BLM, USGS, UGS, etc.) and the associated environmental laws and regulations relate to their field of study.
5. Illustrate that they have sufficient knowledge of the breadth of career opportunities available to them so that they can obtain career satisfaction.

Related Careers

- Environmental Scientists and Specialists, Including Health
- Environmental Science Teachers, Postsecondary

Geography, Minor

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Requirements

The Minor in Geography allows students to focus on either of the major sub-disciplines of geography, namely physical geography or human geography, or to follow a broad curriculum in geography. The minor will also overlap with the coursework required of students seeking a Utah state teaching endorsement in geography.

Total Program Credits: 20

Discipline Core Requirements:		10 Credits
Required Courses; Complete the following:		
GEOG 1000	Introduction to Physical Geography PP	3
GEOG 130G	Survey of World Geography GI SS	3
GEOG 3600	Introduction to Geographic Information Systems	4
Elective Requirements:		10 Credits
Complete at least 10 credits from the following list, at least six of which must be 3000-level or higher:		10
ENVT 3800	Energy Use on Earth (3)	
GEOG 1005	Introduction to Physical Geography Lab (1)	
GEOG 140G	Introduction to Human Geography SS GI (3)	
GEOG 1800	Mapping the World with Geospatial Technology PP (3)	
GEOG 2000	Sustainability and Environment SS (3)	
GEOG 2100	Geography of the United States SS (3)	
GEOG 2500	Geography of Latin America and the Caribbean (3)	
GEOG 3000	Climate Change in Science and Society (3)	
GEOG 3110	Urban Geography WE (3)	
GEOG 3200	Geography of Utah (3)	
GEOG 3300	Biogeography (4)	
GEOG 3350	Geography of Africa (3)	

GEOG 3400	Environmental Remote Sensing (3)	
GEOG 3430	Political Geography (3)	
GEOG 3500	Geomorphology WE (4)	
GEOG 3650	Advanced Geographic Information Systems (4)	
GEOG 3700	Wetland Studies (3)	
GEOG 3705	Wetland Studies Laboratory (1)	
GEOG 3800	Environmental History of the United States (3)	
GEOG 4100	Geospatial Field Methods (3)	
At most one of the following courses may be used towards elective requirements:		
ANTH 3260	Archeological Method and Theory (3)	
ANTH 3850	Ethnographic Methods WE (3)	
BIOL 3700	General Ecology (3)	
BIOL 3800	Conservation Biology (3)	
BOT 4050	Plant Ecology (3)	
ENGL 373R	Literature of Cultures and Places (3)	
ENST 3000	Introduction to Environmental Studies (3)	
ENVT 3330	Water Resources Management (3)	
ENVT 3850	Environmental Policy WE (3)	
ANTH 3150	Culture Ecology and Health (3)	
PHIL 3530	Environmental Ethics (3)	
SOC 4020	Survey Research Design (3)	
Or other advisor-approved electives		

Graduation Requirements:

1. Grade of C- or higher in all courses used to satisfy requirements of the minor.

Geography, Minor Careers

1. Technical Knowledge: Prior to graduation, our students will develop the necessary technical knowledge in Earth systems and geography, as well as underlying foundational and interdisciplinary sciences including physics, chemistry, biology, and mathematics to succeed in professional careers related to their degree programs or in associated graduate programs.
2. Skill in oral and written communication: Our students will demonstrate effective oral and written communication skills that will enable them to succeed at presenting and publishing scientific data and reports. This includes orally presenting the results of research to technical and non-technical audiences and write technical and non-technical reports based upon original research and reviews of other literature and reports.
3. Skill in problem solving and reasoning: Our students will develop skills to critically evaluate scientific questions and address those questions using both logical, laboratory, geospatial, and other creative approaches.
4. Knowledge of agencies, laws, and regulations: Our students will graduate with knowledge of the relevant agencies (e.g., EPA, BLM, USGS, UGS, etc.) and the associated laws and regulations relevant to their field of study. Their knowledge will be sufficiently deep that they understand where and how to seek additional information to further educate themselves and conduct their work with accordance to all agencies, laws, and regulations.

5. Knowledge of Professional Options and Responsibilities: Our students will graduate with sufficient knowledge of the breadth of career opportunities available to them that they can obtain career satisfaction. Additionally, they will know of the primary responsibilities and the expectations of them within their chosen professional track such that they are successful in the eyes of their employer(s).

Related Careers

- Managers, All Other
- Geographers
- Geography Teachers, Postsecondary

Earth Science Education, B.S.

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Requirements

Earth Science is the study of the Earth, including its water and atmosphere, and their relationship to humans and other living things. Earth Science applies chemistry, physics, mathematics and biology to scientific problems of the Earth. The Earth Science Education program prepares students to receive a Utah State teaching credential with an endorsement in Earth Science. Through careful choice of courses, students may also earn endorsements in the other physical sciences.

Total Program Credits: 121

Matriculation Requirements:			
1. Complete the following courses: GEO 1010 Introduction to Geology PP, GEO 1015 Introduction to Geology Lab, MATH 1050 College Algebra QL (or MATH 1055 College Algebra with Preliminaries QL), MATH 1060 Trigonometry QL, BIOL 1010 General Biology BB with a grade of "C" or higher in each.			
2. Complete a minimum of 30 semester hours of college credit.			
3. Apply to the department of Earth Science for admission.			
Secondary Education Requirements:			
1. ENGL and MATH QL courses must have a grade C or higher			
2. GPA of 3.0 or higher with no grade lower than a C in content area courses.			
3. Completion of all General Education requirements and 70% of content area courses.			
4. Pass LiveScan Criminal Background Check.			
General Education Requirements:			30 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGL 1005	Literacies and Composition Across Contexts CC (5)	
	ENGL 2010	Intermediate Academic Writing CC	3
	MATH 1050	College Algebra QL	4
or	MATH 1055	College Algebra with Preliminaries QL (5)	
Complete one of the following:			3
	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	
	HIST 1700	American Civilization AS (3)	
	HIST 1740	US Economic History AS (3)	
	POLS 1000	American Heritage SS (3)	
	POLS 1100	American National Government AS (3)	
Complete the following:			

	PHIL 2050	Ethics and Values IH	3
	HLTH 1100	Personal Health and Wellness TE (2)	
or	EXSC 1097	Fitness for Life TE	2
Distribution Courses			
	BIOL 1010	General Biology BB	3
	Physical Science ¹		
	Additional Biology or Physical Science ¹		
	Humanities Distribution		3
	Fine Arts Distribution		3
	Social/Behavioral Science		3
Discipline Core Requirements:			91 Credits
	ASTR 1040	Elementary Astronomy PP	3
	GEOG 3700	Wetland Studies	3
or	BIOL 2500	Environmental Biology BB (3)	
	CHEM 1210	Principles of Chemistry I PP	4
	CHEM 1215	Principles of Chemistry I Laboratory	1
	CHEM 1220	Principles of Chemistry II PP	4
	CHEM 1225	Principles of Chemistry II Laboratory	1
	GEO 1010	Introduction to Geology PP	3
	GEO 1015	Introduction to Geology Laboratory	1
	GEO 1220	Historical Geology	3
	GEO 1225	Historical Geology Laboratory	1
	GEO 3700	Structure and Tectonics	4
	GEO 3080	Earth Materials WE	3
and	GEO 3085	Earth Materials Laboratory	1
	GEO 4500	Sedimentary Geology WE	4
	GEO 480R	Earth Science Seminar (must be taken twice)	1
	METO 1010	Introduction to Meteorology PP	3
	METO 3100	Climate and the Earth System	3
	SCIE 4210	Science Teaching Methods I	3
	SCIE 4220	Teaching Methods in Science II	3
	PHYS 2010	College Physics I PP	4
	PHYS 2015	College Physics I Lab	1
	PHYS 2020	College Physics II PP	4
	PHYS 2025	College Physics II Lab	1
Education Courses			
	EDSC 1010	Introduction to Education	2
	EDSC 3000	Educational Psychology	3
	EDSC 325G	Equitable Technology Integration GI	2
	EDSC 4200	Classroom Management I	2
	EDSC 4250	Classroom Management II	2
	EDSC 4440	Content Area Literacies	3
	EDSC 445G	Multicultural Instruction ESL GI	3
	EDSC 455G	Secondary Curriculum Instruction and Assessment GI	3
	EDSC 4850	Student Teaching--Secondary	8

Earth Science

EDSC 4990	Teacher Performance Assessment Project WE	2
EDSP 340G	Exceptional Students GI	2

Graduation Requirements:

1. Completion of a minimum of 121 semester credits.
2. Overall GPA of 3.0 (B) or above with no grade lower than a C in major required content courses and no grade lower than a B- in Licensure and Methods courses. (Departments may require a higher GPA.)
3. Residency hours -- minimum of 20 credit hours through course attendance at UVU.
4. Completion of GE and specified departmental requirements.
5. Grade of C or higher in all GEO, BIOL, and METO courses.
6. Successful completion of at least one Global/Intercultural course.

Note: *This requirement is fulfilled with the core requirements.

Earth Science Education, B.S.

Careers

1. Prior to graduation, our students will develop the necessary technical knowledge in Earth Science Education, as well as underlying foundational and interdisciplinary sciences including physics, chemistry, biology, and mathematics to succeed in a professional career related to their degree programs or in associated graduate programs.
2. Our students will demonstrate effective oral and written communication skills that will enable them to succeed at presenting and publishing scientific data and reports and presenting content matter to students as educators. This includes orally presenting the results of research to technical and non-technical audiences and write technical and non-technical reports based upon original research and reviews of other literature and reports.
3. Our students will develop skills to critically evaluate scientific literature and scientific problems, identify existing and new scientific questions, and address those questions using both logical, laboratory, geospatial, and other creative approaches applied to classroom teaching.
4. Our students will graduate with knowledge of the relevant agencies (e.g., NAGT, NAME, USDE, EPA, BLM, USGS, UGS, etc.) and the associated standards, laws, and regulations relevant to the field of education and earth science. Their knowledge will be sufficiently deep that they understand where and how to seek additional information to further educate themselves and conduct their work with accordance to all agencies, standards, laws, and regulations.
5. Our students will graduate with sufficient knowledge of the breadth of career opportunities available to them that they can obtain career satisfaction. Additionally, they will know of their primary responsibilities and the expectations of them within their chosen professional track such that they are successful in the eyes of their employer(s).

Related Careers

- Agricultural Sciences Teachers, Postsecondary
- Biological Science Teachers, Postsecondary
- Forestry and Conservation Science Teachers, Postsecondary
- Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary
- Chemistry Teachers, Postsecondary
- Environmental Science Teachers, Postsecondary
- Physics Teachers, Postsecondary
- Education Teachers, Postsecondary
- Middle School Teachers, Except Special and Career/Technical Education
- Secondary School Teachers, Except Special and Career/Technical Education

Environmental Science and Management, B.S.

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Requirements

Environmental Science is the study of the Earth's surface, including its water and atmosphere, with a particular focus on their relationship to humans and other living things. Environmental Science applies chemistry, physics, mathematics, geography, biology and geology to answer questions about the Earth and its interrelationships with living things. Environmental Management focuses on the maintenance of environmental resources, for example the management of water resources, geological resources, or air quality. Environmental scientists may conduct studies in the field, in the laboratory using advanced analytical equipment, and in the office using specialized computer software. The program is preparation for a variety of career paths, including water monitoring, treatment, and pollution control with local, state or federal agencies; environmental and hydrological consulting with private industry; and other careers that draw on a background in the natural sciences, including law, public policy, and public health.

Total Program Credits: 120

General Education Requirements:			36 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGL 1005	Literacies and Composition Across Context CC (5)	
	ENGL 2010	Intermediate Academic Writing CC	3
Complete one of the following:			4
	MATH 1210	Calculus I QL ¹ (4)	
	MATH 1050	College Algebra QL ² (4)	
	MATH 1080	Precalculus QL (5)	
Complete the following:			3
	HIST 1700	American Civilization AS (3)	
	HIST 1740	US Economic History AS (3)	
	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	
	POLS 1000	American Heritage SS (3)	
	POLS 1100	American National Government AS (3)	
Complete the following:			
	HLTH 1100	Personal Health and Wellness TE	2
or	EXSC 1097	Fitness for Life TE (2)	
	PHIL 2050	Ethics and Values IH	3
or	PHIL 205G	Ethics and Values IH GI (3)	
Distribution Courses			
Complete one of the following:			3
	BIOL 1010	General Biology BB (3)	
or	BIOL 1610	College Biology I BB (4)	
	ENVT 1110	Introduction to Environmental Management	3
Third Science Distribution			3
Complete one of the following:			

	GEO 1010	Introduction to Geology PP (3)	
	GEO 1030	Natural Disasters and the Environment PP (3)	
	GEO 1040	The Dinosaurian World PP (3)	
	GEO 1050	Geology of Natural Parks PP (3)	
	Fine Arts		3
	Humanities		3
	Social/Behavioral Science: (GEOG 2000 Recommended)		3
Discipline Core Requirements:			51 Credits
	GEO 1015	Introduction to Geology Laboratory	1
	CHEM 1210	Principles of Chemistry I PP	4
and	CHEM 1215	Principles of Chemistry I Laboratory	1
	CHEM 1220	Principles of Chemistry II PP	4
and	CHEM 1225	Principles of Chemistry II Laboratory	1
	ENVT 1270	Environmental Microbiology	3
or	MIRC 3150	Microbial Ecology WE	
	ENVT 1300	Environmental Lab and Sampling	2
	STAT 2040	Principles of Statistics QL	4
	PHYS 2010	College Physics I PP	4
or	PHYS 2210	Physics for Scientists and Engineers I PP	
	ENVT 2710	Environmental Careers	1
	ENVT 2730	Introduction to Soils	4
	ENVT 2560	Environmental Health	3
	ENVT 3210	Water Quality and Reclamation	4
	ENVT 3280	Environmental Law	3
	GEOG 3600	Introduction to Geographic Information Systems	4
	ENVT 3790	Applied Hydrology WE	4
	ENVT 3850	Environmental Policy WE	3
	GEO 480R	Earth Science Seminar (Must be taken twice)	1
Academic Track Requirements:			12 Credits
Select one of the following tracks:			12
Environmental Management Track			
	ENVT 1200	Environmental Worker Safety (3)	
	ENVT 1510	Hazardous Materials Emergency Response (3)	
Complete one of the following - Water and Pollution Management			
	ENVT 3010	Environment Toxicology (3)	
	CIVE 3320	Introduction to Water Resources (3) ⁴	
	ENVT 3320	Hydraulics of Water (3)	
	ENVT 3330	Water Resources Management (3)	
Complete one of the following - Land and Environmental Management			
	ENVT 3530	Environmental Management Systems (3)	

	ENVT 3750	Land Use Planning (3)	
	ENVT 3770	Natural Resources Management (3)	
Environmental Science Track			
	METO 1010	Introduction to Meteorology PP (3)	
	GEOG 3400	Environmental Remote Sensing (3)	
Complete one of the following - Biological Sciences			
	BIOL 2500	Environmental Biology BB (3)	
	BIOL 3700	General Ecology (3) ⁴	
	BIOL 3800	Conservation Biology (3)	
Complete one of the following - Environmental Sciences			
	GEO 3000	Environmental Geochemistry (3)	
	METO 3100	Climate and the Earth System (3)	
	GEOG 3700	Wetland Studies (3)	
	ENVT 3800	Energy Use on Earth (3)	
Elective Requirements:			21 Credits
Choose 21 credits, not already taken in the core or track, from the following list (at least 15 credits must be Upper Division): ⁵			
	ENVT 1200	Environmental Worker Safety (3)	
	ENVT 1510	Hazardous Materials Emergency Response (3)	
	ENVT 3010	Environment Toxicology (3)	
	ENVT 3290	Environmental Reporting WE (3)	
	ENVT 3320	Hydraulics of Water (3)	
	CIVE 3320	Introduction to Water Resources (3) ⁴	
	ENVT 3330	Water Resources Management (3)	
	ENVT 3530	Environmental Management Systems (3)	
	ENVT 3550	Site Investigation (3)	
	ENVT 3700	Current Topics in Environmental Management (3)	
	ENVT 3750	Land Use Planning (3)	
	ENVT 3770	Natural Resources Management (3)	
	ENVT 3800	Energy Use on Earth (3)	
	ENVT 482R	Geologic Environmental Internship (1)	
	ENVT 495R	Special Projects in Environmental Management (1)	
	GEO 1080	Introduction to Oceanography PP (3)	
	GEO 202R	Science Excursion (1)	
	GEO 204R	Natural History Excursion BB (1)	
	GEO 2070	Desert Natural History (3)	
	GEO 3000	Environmental Geochemistry (3)	
	GEO 3100	Isotope Geochemistry (3)	
	GEO 3080	Earth Materials WE (3)	
and	GEO 3085	Earth Materials Laboratory (1)	
	GEO 3100	Isotope Geochemistry (3)	
	GEO 3105	Isotope Geochemistry Laboratory (1)	
	GEO 3200	Geologic Hazards (3)	

Earth Science

and	GEO 3205	Geologic Hazards Laboratory (1)	
	GEO 4500	Sedimentary Geology WE (4)	
	GEO 4790	Hydrogeology (3)	
	GEOG 2000	Sustainability and Environment SS (3)	
	GEOG 3650	Advanced Geographic Information Systems (4)	
	GEOG 3500	Geomorphology WE (4)	
or	GEO 3500	Geomorphology WE (4)	
	GEOG 3700	Wetland Studies (3)	
	GEOG 3705	Wetland Studies Laboratory (1)	
	GEOG 3800	Environmental History of the United States (3)	
	GEOG 4100	Geospatial Field Methods (3)	
	GEOG 482R	GIS Internship (1-3)	
	METO 1020	Introduction to Meteorology Laboratory (1)	
	METO 1060	Fundamentals of Weather Forecasting PP (3)	
	METO 3100	Climate and the Earth System (3)	
	PHYS 2015	College Physics I Lab (1)	
	PHYS 2025	College Physics II Lab (1)	
	PHYS 2210	Physics for Scientists and Engineers I PP (4)	
	PHYS 2220	Physics for Scientists and Engineers II PP (4)	
	CHEM 2310	Organic Chemistry I (4)	
	CHEM 2315	Organic Chemistry I Laboratory (1)	
	CHEM 2320	Organic Chemistry II (4)	
	CHEM 2325	Organic Chemistry II Laboratory (1)	
	MATH 1210	Calculus I QL (4)	
	MATH 1220	Calculus II (4)	
	MATH 2210	Calculus III (4)	
	BIOL 1610	College Biology I BB (4)	
	BIOL 1615	College Biology I Laboratory (1)	
	BIOL 1620	College Biology II (3)	
	BIOL 1625	College Biology II Laboratory (1)	
	BIOL 2500	Environmental Biology BB (3)	
	BIOL 3700	General Ecology (3) ⁴	
	BIOL 3705	General Ecology Laboratory (1) ⁴	
	BIOL 3800	Conservation Biology (3)	
	BIOL 4000	Freshwater Ecology (4) ⁴	
	MIRC 3150	Microbial Ecology WE (4) ⁴	
	Or other electives approved by the advisor and chair.		

Notes:

1. MATH 1210 is required for PHYS 2110 option.
2. Both MATH 1050 and PHYS 1100 are needed for PHY 2210 option. Otherwise both MATH 1050 and MATH 1060 are required.

3. BIOL 1610 has a co-requisite of BIOL 1615 which can count as an elective.
4. This course has a prerequisite that is not in program and may require you to take additional courses.
5. Credits used to satisfy core and/or track requirements cannot double count as an elective.

Graduation Requirements:

1. Completion of a minimum of 120 semester credits with a minimum of 40 upper-division credits.
2. Overall grade point average of 2.0 (C) or above.
3. Grade of C- or better in all ENVT, GEO, and GEOG courses.
4. Residency hours--minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
5. Completion of GE and specified departmental requirements.
6. Successful completion of at least one Global/Intercultural course.
7. Successful completion of at least two Writing Enriched (WE) courses.

Environmental Science and Management, B.S. Careers

1. Develop the necessary technical knowledge in environmental science and technology management, as well as underlying foundational and interdisciplinary sciences including physics, chemistry, biology, and mathematics to succeed in professional careers related to their degree programs or in associated graduate programs.
2. Demonstrate effective oral and written communication skills that will enable them to succeed at presenting and publishing scientific data and reports.
3. Develop skills to critically evaluate scientific literature and scientific problems, identify existing and new scientific questions, and address those questions using both logical, laboratory, geospatial, and other creative approaches
4. Graduate with knowledge of the relevant agencies (e.g., EPA, BLM, USGS, UGS, etc.) and the associated laws and regulations relevant to their field of study.
5. Graduate with sufficient knowledge of the breadth of career opportunities available to them that they can obtain career satisfaction.

Related Careers

- Environmental Scientists and Specialists, Including Health
- Environmental Science Teachers, Postsecondary

Environmental Studies, B.S.

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Requirements

The Bachelor of Science in Environmental Studies is an interdisciplinary program that focuses on the complex relationships between humans and the natural world. By combining a solid foundation of earth system science with social science and humanities courses, students will gain the skills and perspectives necessary to solving some of the pressing environmental issues of today. The program is flexible so that students can tailor the program to fit their interests and career goals. After a broad introduction to environmental issues students can focus on specific areas and topics of their interest, such as sustainability, planning, policy, communication, business, ecology, geology, environmental science, geography, and more.

Total Program Credits: 120

General Education Requirements:		36 Credits
	ENGL 1010 Introduction to Academic Writing CC	3
or	ENGH 1005 Literacies and Composition Across Context CC (5)	
	ENGL 2010 Intermediate Academic Writing CC	3
Complete one of the following:		4
	MATH 1050 College Algebra QL	
	MATH 1055 College Algebra with Preliminaries QL	
Complete the following:		3
	HIST 2700 US History to 1877 AS (3)	
and	HIST 2710 US History since 1877 AS (3)	
	HIST 1700 American Civilization AS (3)	
	HIST 1740 US Economic History AS (3)	
	POLS 1000 American Heritage SS (3)	
	POLS 1100 American National Government AS (3)	
Complete the following:		
	PHIL 2050 Ethics and Values IH	3
	HLTH 1100 Personal Health and Wellness TE	2
or	EXSC 1097 Fitness for Life TE (2)	
Distribution Courses		
	BIOL 1010 General Biology BB	3
or	BIOL 1610 College Biology I BB (4)	
	ENVT 1110 Introduction to Environmental Management PP	3
	GEOG 1000 Introduction to Physical Geography PP	3
Humanities Distribution		3
	GEOG 140G Introduction to Human Geography SS GI	3
Fine Arts Distribution		3
Discipline Core Requirements:		22 Credits
	GEOG 2000 Sustainability and Environment SS	3
	GEOG 3000 Climate Change: Science and Society	3
	ENST 3000 Introduction to Environmental Studies	3
	ENST 3100 Environmental Justice	3
	ENVT 3290 Environmental Reporting WE	3
	ENVT 3850 Environmental Policy WE	3
	COMM 3115 Communicating in Environments	3
	GEO 480R Earth Science Seminar (must be taken twice)	1
Program Electives:		33 Credits
Complete six credits from the following		6
	ENVT 2560 Environmental Health (3)	
	ENVT 3280 Environmental Law (3)	
	ENVT 3800 Energy Use on Earth (3)	
	ENVT 3770 Natural Resources Management (3)	
	ENST 3520 Environmental Sociology (3)	
	ENST 490R Topics in Environmental Studies (3)	
	PHIL 3530 Environmental Ethics (3)	

	PHIL 4300 Environmental Aesthetics (3)	
Select one of the following methods courses		3
	ANTH 3850 Ethnographic Methods WE (3)	
	ENGL 3460 Wilderness and Environmental Writing (3)	
	GEOG 3600 Introduction to Geographic Information Systems (4)	
	STAT 2040 Principles of Statistics QL (4)	
Complete 12 credits from the following physical and life science courses ¹		12
	ENVT 3750 Land Use Planning (3)	
	GEOG 3700 Wetland Studies (3)	
	GEOG 3400 Environmental Remote Sensing (3)	
	GEOG 3300 Biogeography (4)	
	GEOG 3500 Geomorphology (4)	
	GEOG 3650 Advanced Geographic Information Systems (4)	
	GEOG 3705 Wetland Studies Laboratory (1)	
	BIOL 2500 Environmental Biology BB (3)	
	BIOL 3700 General Ecology (3)	
	ENVT 2730 Introduction to Soils (4)	
	ENVT 3790 Applied Hydrology WE (4)	
	ENVT 4790 Hydrology II (4)	
	GEO 1080 Introduction to Oceanography PP (3)	
	GEO 1010 Introduction to Geology PP (3)	
	GEO 1085 Introduction to Oceanography Laboratory (1)	
	GEO 3080 Earth Materials WE (3)	
	GEO 3200 Geologic Hazards (3)	
	GEO 202R Science Excursion (1)	
	GEO 3500 Geomorphology WE (4)	
	GEOG 4100 Geospatial Field Methods (3)	
	METO 3100 Climate and the Earth System (3)	
Complete 12 credits from the following social science and humanities classes ¹		12
	ANTH 3200 Food and Culture (3)	
	ANTH 101G Social Cultural Anthropology SS GI (3)	
	GEOG 2500 Geography of Latin America and the Caribbean (3)	
	GEOG 3110 Urban Geography WE (3)	
	GEOG 3200 Geography of Utah (3)	
	GEOG 3350 Geography of Africa (3)	
	GEOG 3800 Environmental History of the United States (3)	
or	HIST 3800 Environmental History of the United States (3)	
	HIST 322G History of the American West to 1850 GI WE (3)	
	HIST 323G History of the American West since 1850 GI WE (3)	

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	HIST 4320	History of Scientific Thought (3)	
	POLS 3030	State and Local Government (3)	
	POLS 3410	Globalization and Sustainable Development (3)	
	POLS 3310	Introduction to Public Policy WE (3)	
	POLS 3320	Nonprofits and The Public Sector (3)	
	POLS 3640	United Nations Sustainable Development Goals (3)	
	PHIL 3400	Philosophy of Science (3)	
	SOC 1010	Introduction to Sociology SS (3)	
	SOC 3520	Environmental Sociology (3)	
or	ENST 3520	Environmental Sociology (3)	
	SOC 4100	Contemporary Social Theory WE (3)	
	SOC 4400	Social Change (3)	
	PJST 3200	Global Poverty Facts Causes and Solutions (3)	
	PJST 3300	Community Development (3)	
Electives: ¹			29 Credits
Choose any classes. It is recommended that you select classes listed in the categories above that have not been taken or select from the courses below. It is also recommended to select classes from the following prefixes: GEOG, GEO, ENVT, ENST, AIST, ANTH, SOC, BIOL, CHEM, PHYS, NSS, HIST, GIS, MATH, STAT, CS, REC, PHIL, ENTR, ARC, ART, HUM, ENGL, METO, PJST, POLS, MGMT.			29
	GEOG 482R	GIS Internship (1-3)	
	GEOG 489R	Student Research in Geography (1-4)	
	AIST 327G	Indians of Utah GI (3)	
	CHEM 1210	Principles of Chemistry I PP (4)	
and	CHEM 1215	Principles of Chemistry I Laboratory (1)	
	CHEM 1220	Principles of Chemistry II PP (4)	
and	CHEM 1225	Principles of Chemistry II Laboratory (1)	
	STAT 2060	Introduction to Statistical Computing (1)	
	STAT 3040	Probability and Statistics for Engineering and the Sciences (3)	
	ENGL 373R	Literature of Cultures and Places (3)	
	ENTR 2500	Creativity and Entrepreneurial Thinking SS (3)	
	ETHS 2500	Introduction to Ethnic Studies (3)	
	AIST 3600	American Indian Policy and Tribal Government (3)	
	AIST 3810	Precolumbian America (3)	
	ANTH 3150	Culture Ecology and Health (3)	
	ANTH 3450	Shamanism and Indigenous Religion (3)	
	SOC 3700	Social Inequality (3)	
	SOC 3460	Political Sociology (3)	

	ETHS 2510	Introduction to Ethnic Studies (3)	
	ENVT 3600	Appropriate Technology and Sustainable Development for the Developing World (3)	
	GEO 1220	Historical Geology (3)	
	GEO 3100	Isotope Geochemistry (3)	
	GEO 3000	Environmental Geochemistry (3)	
	GEO 3700	Structure and Tectonics (4)	
	GEO 4500	Sedimentary Geology WE (4)	
	MATH 1060	Trigonometry QL (3)	
	MATH 1210	Calculus I QL (4)	
	PHYS 2010	College Physics I PP (4)	
or	PHYS 2210	Physics for Scientists and Engineers I PP (4)	
	PHYS 2020	College Physics II PP (4)	
or	PHYS 2220	Physics for Scientists and Engineers II PP (4)	
	REC 1535	Backpacking (1)	
	REC 2700	Leave No Trace Trainer (1)	
	SOC 263G	Race and Minority Relations GI (3)	
	SOC 3030	Social Research Methods WE (3)	
	SOC 2370	Sociology of Gender (3)	
	SOC 3690	Internet and Society (3)	
	SOC 3850	Rural Life--Global and Local (3)	

Notes;

1. You need at least 40 hours of upper division credit to graduate. Work with your advisor to make sure you are meeting the 40 credits of upper division requirement.

Graduation Requirements:

1. Completion of a minimum of 120 semester credits with a minimum of 40 upper-division credits.
2. Overall grade point average of 2.0 (C) or above.
3. Grade of C- or better in core curriculum courses.
4. Successful completion of at least one Global/Intercultural course.
5. Successful completion of at least two Writing Enriched (WE) courses.

Environmental Studies, B.S.

Careers

1. Analyze the scientific underpinnings, social context, and political ramifications of key environmental challenges to design sustainable solutions.
2. Evaluate the links between social and natural systems to identify appropriate areas of intervention.
3. Critically assess environmental and sustainability programs, organizations, and reporting mechanisms to create new and/or revised programs, organizations, and reports.
4. Analyze key environmental challenges facing societies and their unevenly distributed impacts.
5. Influence policy outcomes using existing laws, regulations, stakeholders, and interesting groups relating to environmental issues.
6. Create compelling written, verbal, and graphic presentations of environment and sustainability issues.

Geography, B.S.

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Requirements

Geography is the study of the earth's places, peoples, environments and their interrelationships from both the physical and social science perspectives. Geographers use many different scientific tools to study the relationships between earth's systems including geospatial technology and are employed in public agencies, local governments, federal offices, technology sectors, business planning, and careers related to spatial planning. The Bachelor of Science in Geography provides students with a program of study in the fundamentals of geography and prepares them to succeed as geographers as well as in many other careers related to geography. Students learn theories and methods of analysis related to land use and land cover change, urbanization, sustainability, human-environment interactions, and Geographic Information Systems (GIS) technology through the core courses of the program. Through elective courses, students can choose to further focus their studies on physical sciences, social sciences, and/or geospatial techniques to meet their career goals.

Total Program Credits: 120

General Education Requirements:			36 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGH 1005	Literacies and Composition Across Context CC (5)	
	ENGL 2010	Intermediate Academic Writing CC	3
	MATH 1050	College Algebra QL	4
or	MATH 1055	College Algebra with Preliminaries QL (5)	
Complete the following:			3
	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	
	HIST 1700	American Civilization AS (3)	
	HIST 1740	US Economic History AS (3)	
	POLS 1000	American Heritage SS (3)	
	POLS 1100	American National Government AS (3)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
	HLTH 1100	Personal Health and Wellness TE	2
or	EXSC 1097	Fitness for Life TE (2)	
Distribution Courses			
	METO 1010	Introduction to Meteorology PP	3
or	METO 1060	Fundamentals of Weather Forecasting PP	
or	ENVT 1110	Introduction to Environmental Management PP	
or	GEOG 1800	Mapping the World with Geospatial Technology PP	
or	GEO 1010	Introduction to Geology PP	
or	GEO 1030	Natural Disasters and the Environment PP	
or	GEO 1040	The Dinosaurian World PP	

or	GEO 1050	Geology of National Parks PP	
	GEOG 1000	Introduction to Physical Geography PP	3
	GEOG 130G	Survey of World Geography GI SS	3
Biology Distribution			3
Humanities Distribution			3
Fine Arts Distribution			3
Discipline Core Requirements:			84 Credits
	GEOG 140G	Introduction to Human Geography SS GI	3
	GEOG 2000	Sustainability and Environment SS	3
	GEOG 3110	Urban Geography WE	3
	GEOG 3200	Geography of Utah	3
	GEOG 3500	Geomorphology WE	4
	GEOG 3600	Introduction to Geographic Information Systems	4
	GEOG 3650	Advanced Geographic Information Systems	4
	GEO 480R	Earth Science Seminar (taken twice)	1
	STAT 2040	Principles of Statistics QL	4
Select 12 credits from the following physical and life science courses ^{1, 2}			12
	GEOG 1005	Introduction to Physical Geography Lab (1)	
	GEO 1015	Introduction to Geology Laboratory (1)	
	GEOG 1800	Mapping the World with Geospatial Technology PP	
	GEOG 3300	Biogeography (4)	
	GEOG 3400	Environmental Remote Sensing (3)	
	GEOG 3700	Wetland Studies (3)	
and	GEOG 3705	Wetland Studies Laboratory (1)	
	BIOL 3700	General Ecology (3)	
	ENVT 2730	Introduction to Soils (4)	
	ENVT 3790	Applied Hydrology WE (4)	
	ENVT 3800	Energy Use on Earth (3)	
	GEO 1010	Introduction to Geology PP (3)	
or	GEO 1030	Natural Disasters and the Environment PP	
or	GEO 1040	The Dinosaurian World PP	
or	GEO 1050	Geology of National Parks PP	
	GEO 3200	Geologic Hazards (3)	
	GEO 3080	Earth Materials WE (3)	
and	GEO 3085	Earth Materials Laboratory (1)	
	GEO 4790	Hydrogeology	
	GEOG 4100	Geospatial Field Methods (3)	
	METO 3100	Climate and the Earth System (3)	
Select 12 credits from the following social science classes ¹			12
	GEOG 2100	Geography of the United States SS (3)	

Earth Science

	GEOG 2500	Geography of Latin America and the Caribbean (3)	
	GEOG 3010	Economic Geography (3)	
	GEOG 3250	Cultural Geography (3)	
	GEOG 3430	Political Geography (3)	
	GEOG 3350	Geography of Africa (3)	
	GEOG 3800	Environmental History of the United States (3)	
	SOC 3520	Environmental Sociology (3)	
or	ENST 3520	Environmental Sociology (3)	
	SOC 4020	Survey Research Design (3)	
or	ANTH 3850	Ethnographic Methods WE (3)	
	ENST 3000	Introduction to Environmental Studies (3)	
	ENVT 3770	Natural Resources Management (3)	
	ENVT 3750	Land Use Planning (3)	
	ENVT 3850	Environmental Policy WE (3)	
Elective Requirements:			31 Credits
Choose any classes from the following list or any classes from the following prefixes: GEOG, GEO, ENVT, ENST, AIST, ANTH, SOC, BIOL, CHEM, PHYS, NSS, HIST, GIS, MATH, STAT, CS.			
	GEOG 482R	GIS Internship (1-3)	
	GEOG 489R	Student Research in Geography (1-4)	
	AIST 327G	Indians of Utah GI (3)	
	HIST 384G	American Indian History since 1890 GI (3)	
	ANTH 3150	Culture Ecology and Health (3)	
	ANTH 3300	Culture Development and International Aid (3)	
	ANTH 3660	Globalized Society (3)	
	BIOL 2500	Environmental Biology BB (3)	
	CHEM 1210	Principles of Chemistry I PP (4)	
	CHEM 1215	Principles of Chemistry I Laboratory (1)	
	CHEM 1220	Principles of Chemistry II PP (4)	
	CHEM 1225	Principles of Chemistry II Laboratory (1)	
	STAT 2060	Introduction to Statistical Computing (1)	
	STAT 3040	Probability and Statistics for Engineering and the Sciences (3)	
	ENGL 373R	Literature of Cultures and Places (3)	
	ENVT 1110	Introduction to Environmental Management PP (3)	
	ENVT 2560	Environmental Health (3)	
	ENVT 3600	Appropriate Technology and Sustainable Development for the Developing World (3)	
	GEO 1220	Historical Geology (3)	

	GEO 3100	Isotope Geochemistry (3)	
	GEO 3000	Environmental Geochemistry (3)	
	GEO 3700	Structure and Tectonics (4)	
	GEO 4500	Sedimentary Geology WE (4)	
	MATH 1060	Trigonometry QL (3)	
	MATH 1210	Calculus I QL (5)	
	PHIL 3530	Environmental Ethics (3)	
	PHYS 2010	College Physics I PP (4)	
or	PHYS 2210	Physics for Scientists and Engineers I PP (4)	
	PHYS 2020	College Physics II PP (4)	
or	PHYS 2220	Physics for Scientists and Engineers II PP (4)	
	SOC 3030	Social Research Methods WE (3)	
	SOC 2370	Sociology of Gender (3)	
	SOC 3690	Internet and Society (3)	
	SOC 3850	Rural Life--Global and Local (3)	
	STAT 2050	Introduction to Statistical Methods (4)	

Graduation Requirements:

1. Completion of a minimum of 120 semester credits, including 40 hours of upper-division credit.
2. Overall grade point average of 2.0 (C) or above.
3. Grade of C- or better in every ENVT, GEO, GEOG, METO, and core curriculum course.
4. Residency hours--minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
5. Successful completion of at least one Global/Intercultural course.
6. Successful completion of at least two Writing Enriched (WE) courses.

Footnote

¹You need at least 40 hours of upper division credit to graduate. Work with your advisor to make sure you are meeting the 40 credits of upper division requirement.

² Courses used for GE distribution credits cannot double count as core or elective classes.

Geography, B.S. Careers

1. Technical Knowledge: Prior to graduation, our students will develop the necessary technical knowledge in Earth system science, geology, environmental science and management, geoscience education and geography, as well as underlying foundational and interdisciplinary sciences including physics, chemistry, biology, and mathematics to succeed in professional careers related to their degree programs or in associated graduate programs.
2. Skill in oral and written communication: Our students will demonstrate effective oral and written communication skills that will enable them to succeed at presenting and publishing scientific data and reports. This includes orally presenting the results of research to technical and non-technical audiences and write technical and non-technical reports based upon original research and reviews of other literature and reports.
3. Skill in problem solving and reasoning: Our students will develop skills to critically evaluate scientific questions and address those

questions using both logical, laboratory, geospatial, and other creative approaches.

4. Knowledge of agencies, laws, and regulations: Our students will graduate with knowledge of the relevant agencies (e.g., EPA, BLM, USGS, UGS, etc.) and the associated laws and regulations relevant to their field of study. Their knowledge will be sufficiently deep that they understand where and how to seek additional information to further educate themselves and conduct their work with accordance to all agencies, laws, and regulations.
5. Knowledge of Professional Options and Responsibilities: Our students will graduate with sufficient knowledge of the breadth of career opportunities available to them that they can obtain career satisfaction. Additionally, they will know of the primary responsibilities and the expectations of them within their chosen professional track such that they are successful in the eyes of their employer(s).

Related Careers

- Managers, All Other
- Geographers
- Geography Teachers, Postsecondary

Geology, B.S.

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Requirements

Geology is the study of the Earth, including its water and atmosphere, and its relationship to humans and other living things. Geology applies chemistry, physics, mathematics and biology to answer questions about the Earth. Geologists conduct studies in the field, in the laboratory using advanced analytical equipment, and in the office using specialized computer software. Geology is particularly focused on the Earth's history, resources, hazards and resources including groundwater. Sub-disciplines of geology include economic geology, geochemistry, geologic hazards, geomorphology, hydrogeology, petrology, and tectonics. A B.S. in geology is preparation for a variety of career paths, including hazard assessment with government or private companies, ground and surface water monitoring and development, oil and gas, mining, and many other careers that draw on a background in the natural earth, including law, public policy, and public health; the program is also excellent preparation for graduate school.

Total Program Credits: 120

General Education Requirements:		37 Credits
	ENGL 1010 Introduction to Academic Writing CC	3
or	ENGH 1005 Literacies and Composition Across Context CC (5)	
	ENGL 2010 Intermediate Academic Writing CC	3
	MATH 1210 Calculus I QL	4
Complete one of the following:		3
	HIST 2700 US History to 1877 AS (3)	
and	HIST 2710 US History since 1877 AS (3)	
	HIST 1700 American Civilization AS (3)	
	HIST 1740 US Economic History AS (3)	
	POLS 1000 American Heritage SS (3)	
	POLS 1100 American National Government AS (3)	
Complete the following:		
	PHIL 205G Ethics and Values IH	3

	HLTH 1100 Personal Health and Wellness TE (2)	
or	EXSC 1097 Fitness for Life TE	2
Distribution Courses		
	BIOL 1010 General Biology BB	3
	GEO 1010 Introduction to Geology PP	3
or	GEO 1030 Natural Disasters and the Environment PP	
or	GEO 1040 The Dinosaurian World PP	
or	GEO 1050 Geology of National Parks PP	
	CHEM 1210 Principles of Chemistry I PP	4
Humanities Distribution		3
Fine Arts Distribution		3
Social/Behavioral Science		3
Discipline Core Requirements:		83 Credits
	CHEM 1215 Principles of Chemistry I Laboratory	1
	CHEM 1220 Principles of Chemistry II PP	4
	CHEM 1225 Principles of Chemistry II Laboratory	1
	GEOG 3600 Introduction to Geographic Information Systems	4
	GEO 1015 Introduction to Geology Laboratory	1
	GEO 1220 Historical Geology	3
	GEO 1225 Historical Geology Laboratory	1
	GEO 2500 Introduction to Field Geology	3
	GEO 3080 Earth Materials WE	3
and	GEO 3085 Earth Materials Laboratory	1
	GEO 3200 Geologic Hazards	4
and	GEO 3205 Geologic Hazards Laboratory (either hazards or geomorphology can be taken as core requirement)	
or	GEO 3500 Geomorphology WE	
or	GEOG 3500 Geomorphology WE	
	GEO 3700 Structure and Tectonics	4
	GEO 4500 Sedimentary Geology WE	4
	GEO 4790 Hydrogeology (Recommended)	4
or	ENVT 3790 Applied Hydrology WE	
	GEO 4600 Field Experience	6
	MATH 1220 Calculus II	5
	STAT 2040 Principles of Statistics QL	4
	GEO 480R Earth Science Seminar (Must be taken twice)	1
	PHYS 2210 Physics for Scientists and Engineers I PP	4
	PHYS 2220 Physics for Scientists and Engineers II PP	4
Complete 22 credits from the following list (at least 12 credits must be Upper Division)		22
	BIOL 3800 Conservation Biology (3)	
	ENVT 2730 Introduction to Soils (4)	
	ENVT 3280 Environmental Law (3)	

Earth Science

	ENVT 3790	Applied Hydrology WE (3)	
	GEO 202R	Science Excursion (1)	
	GEO 204R	Natural History Excursion BB (3)	
	GEO 3000	Environmental Geochemistry (3)	
	GEO 3100	Isotope Geochemistry (3)	
	GEO 3105	Isotope Geochemistry Laboratory (1)	
	GEO 3200	Geologic Hazards (4)	
and	GEO 3205	Geologic Hazards Laboratory (1) (if not taken as core requirement)	
	GEO 3500	Geomorphology WE (4) (if not taken as core requirement)	
or	GEOG 3500	Geomorphology WE (3)	
	GEO 4080	Petrology (3)	
and	GEO 4085	Petrology Laboratory(1)	
	GEO 4510	Paleontology (4)	
	GEO 4790	Hydrogeology (3)	
	GEO 482R	Geologic Environmental Internship (1)	
	GEO 489R	Student Research (1-4)	
	GEOG 3400	Environmental Remote Sensing (3)	
	GEOG 3650	Advanced Geographic Information Systems (4)	
	GEOG 3700	Wetland Studies (3)	
	GEOG 3705	Wetland Studies Laboratory (3)	
	GEOG 4100	Geospatial Field Methods (3)	
	METO 1010	Introduction to Meteorology PP (3)	
	METO 1060	Fundamentals of Weather Forecasting PP (3)	
	METO 3100	Climate and the Earth System (3)	
	PHYS 2215	Physics for Scientists and Engineers I Lab (1)	
	PHYS 2225	Physics for Scientists and Engineers II Lab (1)	
	Or other department approved electives		

Graduation Requirements:

1. Completion of a minimum of 120 semester credits, with a minimum of 40 upper-division credits.
2. Overall grade point average of 2.0 (C) or above.
3. Grade of C- or better in every ENVT, GEO, GEOG, and METO course.
4. Residency hours--minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
5. Completion of GE and specified departmental requirements.
6. Successful completion of at least one Global/Intercultural course.
7. Successful completion of at least two Writing Enriched (WE) courses.

Geology, B.S.

Careers

1. Develop the necessary technical knowledge in geology, as well as underlying foundational and interdisciplinary sciences including physics, chemistry, biology, and mathematics to succeed in professional careers related to their degree programs or in associated graduate programs.

2. Demonstrate effective oral and written communication skills that will enable them to succeed at presenting and publishing scientific data and reports.
3. Develop skills to critically evaluate scientific literature and scientific problems, identify existing and new scientific questions, and address those questions using both logical, laboratory, geospatial, and other creative approaches.
4. Graduate with knowledge of the relevant agencies (e.g., EPA, BLM, USGS, UGS, etc.) and the associated laws and regulations relevant to their field of study.
5. Graduate with sufficient knowledge of the breadth of career opportunities available to them that they can obtain career satisfaction.

Related Careers

- Natural Sciences Managers
- Geoscientists, Except Hydrologists and Geographers
- Hydrologists
- Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary

Education Graduate Programs

FACULTY

ESCALANTE, Debora L. Associate Professor

KANG, Mi Ok Associate Professor

PATCH, Michael Associate Professor

TUFT, Elaine Professor

WAITE, Bryan Professor

WARBURTON, Trevor Assistant Professor

Degrees & Programs

Applied Behavior Analysis, Graduate Certificate

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Requirements

The ABA Graduate Certificate emphasis will qualify students with a master's degree to apply to become a Board Certified Behavior Analyst (BCBA). This certificate includes all required ABA specific coursework and supervised practicum hrs.

Total Program Credits: 29

Matriculation Requirements:		
Requirements for admission to the ABA Graduate Certificate emphasis program would include the following:		
1. Earned Master's Degree		
Discipline Core Requirements:		26 Credits
EDAB 6010	ABA Concepts and Principles	3
EDAB 6020	Ethics and Professional Competencies in Applied Behavioral Analysis	3
EDAB 6030	Developing and Changing Behaviors	3
EDAB 6040	Measurement in Single Subject Design	3
EDAB 6050	Functional Behavior Assessment and Treatment	3
EDAB 6060	Advanced Topics in Applied Behavior Analysis	3
EDAB 6070	Training Supervision and Performance Monitoring in Applied Behavior Analysis	3
EDAB 6080	Introduction to Practice in ABA	3
EDAB 6100	Group Research Design in ABA	3

EDAB 689R	ABA Supervision Seminar	1
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Graduation Requirements:

1. Pass all classes and supervision with a B- or higher (cumulative GPA of 3.0).
2. Completion of a minimum of 26 semester credits.
3. Residency hours -- minimum of 18 credit hours through course attendance at UVU.

Applied Behavior Analysis, Graduate Certificate Careers

1. Develop effective individual treatment plans
2. Ethical conduct in professional practice
3. Accurately assess behavioral issues in clients
4. Pass BCBA certification exam

Related Careers

- Instructional Coordinators

Constitutional Government Civics and Law, M.A.

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Requirements

The Master of Arts in Constitutional Government, Civics, and Law (MACGCL) is offered by the School of Education and the Center for Constitutional Studies at Utah Valley University, with program support from Pembroke College at Oxford University, and offers two areas of concentration. The teaching track enhances an individual's ability to teach social studies in K-12 public and private schools and in community colleges. The research track prepares individuals to pursue doctoral studies in constitutional law, history, or political science. Both tracks focus on the foundations of the American political system through close readings of key texts in American constitutional and political history.

Total Program Credits: 48

Matriculation Requirements:	
<ol style="list-style-type: none"> 1. Application for admission to graduate program with application fee by the established deadline. 2. Submit official transcripts from all universities attended. 3. A bachelor's degree from a regionally accredited college/university, a nationally accredited program, or the international equivalent. 4. A 3.0 cumulative undergraduate GPA or a 3.0 GPA calculated on the last 60 semester hours (90 quarter hours) of undergraduate work. 5. Submission of admissions essay 6. Submission of two letters of recommendation 7. For international students whose native language is not English, submit official TOEFL or IELTS band scores. A TOEFL score of 80 iBT (550 pBT) or higher, or an IELTS band score of 6.5 or higher within the past two years is required. 8. International students must also meet all US government requirements for international students. 9. The university uses a selective admissions process for admitting students to graduate programs. Meeting minimum admissions criteria does not guarantee admission to the graduate program or to the University as a graduate student 	
Discipline Core Requirements: ¹	30 Credits

Education Graduate Programs

CGCL 6100	Foundations of American Constitutionalism	3
CGCL 6200	Foundations of American Democracy	2
CGCL 6300	Foundations of American Liberty	2
CGCL 6400	American Political Development	2
CGCL 6110	Structures of Government in American Constitutional Law	3
CGCL 6120	Rights and Liberties in American Constitutional Law	3
EDUC 6320	21st Century Instruction and Assessment	3
EDUC 6400	Contemporary Issues in Teacher Leadership	3
Complete 9 credits of electives		9
CGCL 6160	Roots of the American Regime	2
CGCL 6180	Constitutional Interpretation	2
CGCL 6190	Constitutional Law in Education	2
CGCL 6310	Early American Political Thought	3
CGCL 6320	Modern American Political Thought	3
CGCL 6420	The Presidency in American Political Development	2
CGCL 6430	The Supreme Court in American Political Development	2
CGCL 6440	Parties in American Political Development	2

Notes:

1. If on the research track, students may take 3 credits of CGCL 697R instead of EDUC 6320 and another 3 credits of CGCL 697R instead of EDUC 6400. Students on the research track must submit and defend a thesis.

Graduation Requirements

1. A minimum of 30 credit hours shall be completed for the degree.
2. Graduate coursework shall be completed within a six-year period.
3. Credit for courses in which a student earns a grade of B- or lower shall not be applied to the master's degree.
4. A cumulative grade-point average of 3.0 or higher shall be maintained in graduate program courses in order to earn the master's degree.
5. Graduate credits accepted from another regionally accredited institution or equivalent shall have been completed within four years of the graduate student's matriculation into the graduate program and cannot be older than six years at the time of

graduation with a master's degree or graduate certificate from the University.

6. A minimum of 20 of graduate credit hours for the degree must be completed at Utah Valley University.

Constitutional Government Civics and Law, M.A. Careers

1. Analyze the American constitutional system and the requirements for its continuation.
2. Interpret primary source documents from American constitutional history.
3. Distinguish between what promotes and what undermines the American constitutional order.
4. Promote measures that will increase American citizens' understanding of their constitutional regime.

Educational Leadership, Graduate Certificate

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Requirements

The Graduate Certificate for Educational Leadership in UVU's School of Education (SOE) is designed to align with the current Ed Leadership emphasis in the M.Ed. The certificate will meet the needs of candidates who have previously completed a master's degree (M.Ed) and now wish to prepare as potential administrative and instructional school leaders for Utah's schools. Curriculum for this option will be based on the standards for administrative/supervisory endorsement from the Utah State Office of Education (USOE), and the Interstate School Leaders Licensure Consortium (ISLLC). The grad certificate program will be formatted to meet the needs of adult learners, with courses offered in the evenings and in blended and online formats, but will not require them to retake core courses previously completed. The administrative/supervisory certificate will prepare leaders for 21st century schools in the areas of curriculum, instruction, and human resource administration. Course objectives will emphasize performance of school and classroom leadership functions, functional knowledge of local, state, and national educational agencies and regulations, demonstrated competencies in administrative skills, and applied understandings of current research around effective teaching, theories of learning, and educational policy. Candidates will be required to complete supervised internship work that is required by Utah code.

Total Program Credits: 21

Matriculation Requirements:		
Earned M.Ed. and acceptance into the program.		
Discipline Core Requirements:		21 Credits
EDLE 6120	Personal Leadership and Organizational Design	3
EDLE 6130	School Operations and Management-Finance/Law/Safety	3
EDLE 6140	Instructional Leadership	3
EDLE 6150	School Operations and Management-Communication/Planning/HR/Evaluation	3

EDLE 6160	Developing Positive School and Community Culture	3
EDLE 6170	Leading Change/ Innovation/ Educational Entrepreneurship	3
EDLE 696R	Clinical Portfolio	3

Graduation Requirements:

1. Residency hours -- all courses must be taken at UVU.
2. Satisfactory completion of all coursework with a minimum overall 3.0 GPA.
3. All courses passed with a B- or higher.
4. Pass state required licensing exam.

Educational Leadership, Graduate Certificate Careers

1. Demonstrate competency in the development, articulation, implementation, and stewardship of a shared vision for education.
2. Demonstrate competency in supporting teaching and learning by facilitating coherent systems of curriculum, instruction, and assessment.
3. Demonstrate competency in managing school operations and resources.
4. Demonstrate competency in engaging families and the community in order to create an inclusive, caring, safe, and supportive school environment.
5. Demonstrate competency in acting ethically and professionally in leadership, and honoring the heritage and background of each student, promoting the equity of educational opportunity for all students.
6. Demonstrate competency to act as agents of continuous improvement and foster a professional community of teachers and staff to promote each student's academic success and well-being.

Related Careers

- Instructional Coordinators

Master of Education - Educational Technology Emphasis, M.Ed.

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Requirements

The Master of Education Degree (M.Ed.) at Utah Valley University is an applied master's program aimed at building the instructional skills and professional competency of teachers. Currently there are eleven emphases for participants: Applied Behavioral Analysis; Educational Leadership; Educational Technology; Elementary Mathematics; Elementary STEM, English as a Second Language (ESL), Gifted and Talented Education, Higher Education Leadership, Reading I, Secondary Teaching, and Teacher Leadership. The M.Ed. program emphasizes coursework that prepares teachers to become instructional leaders, with classes in advanced pedagogy, subject matter content, curriculum design, and assessment. Core coursework in research methods is required of participants in all options, however, students select a topic for a culminating project according to their interest or area of licensure in K-12 education.

Total Program Credits: 36

Matriculation Requirements:

1. Application for admission.
2. Bachelor degree from an accredited institution.
3. Overall grade point average in undergraduate work of 3.0 or higher or have a grade point average of 3.0 or higher for the last 60 semester hours of college or university credit.
4. Interview with School of Education Graduate Committee.
5. Three professional letters of recommendation.

Preference will be given to individuals who have at least one year of successful teaching experience in grades K-12. A one-year internship will count as the preferred year of successful teaching.

Preference will be given to practicing teachers who have access to an established classroom.

Discipline Core Requirements:		12 Credits
EDUC 6100	Research Methodology	3
EDUC 6110	Applied Statistics for Education	3
EDUC 6200	Masters Project	3
EDUC 691R	Project I	1
EDUC 692R	Project II	1
EDUC 693R	Project III	1
Emphasis Requirements:		12 Credits
Students bring in 12 credits from 5000 level courses earned through state approved endorsement in Educational Technology.		
EDUC 6320	21st Century Instruction and Assessment	3
EDUC 6330	Diversity and Differentiation in the Classroom	3
EDUC 6300	Curriculum Design	3
or EDUC 6412	or Adult Learning -- Theory and Practice	
Choose one of the following:		3
EDUC 6411	Instructional Coaching (3)	
EDUC 6311	Introduction to Exceptional Students (3)	
EDUC 6082	Equitable Technology Integration for Practitioners (3)	

Graduation Requirements

1. Complete all courses with a grade of B- or better with an overall GPA of 3.0 or higher.
2. Graduate project proposal accepted by School of Education Graduate Committee.
3. Graduate project completed and accepted by the School of Education Graduate Committee.
4. Courses and project requirements must be finished within a five year period. No courses will apply toward graduation that are older than five years.

Education Graduate Programs

Master of Education - Educational Technology Emphasis, M.Ed. Careers

1. Plan curriculum and design instruction to enhance student learning.
2. Engage and support all students in learning.
3. Assess and evaluate student learning.
4. Demonstrate professionalism to support student learning

Related Careers

- Instructional Coordinators

Master of Education - Elementary Arts Integration Emphasis, M.Ed

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Requirements

The Master of Education Degree (M.Ed.) at Utah Valley University is an applied master's program aimed at building the instructional skills and professional competency of teachers. The Earned Endorsement Emphasis is for teachers who have previously earned an endorsement from the Utah State Board of Education (USB). The following endorsements are accepted at UVU: Elementary Arts Integration, Elementary Mathematics, Elementary Science, Elementary STEM, English as a Second Language (ESL), Reading I, Gifted & Talented, and Educational Technology. Up to 12 (5000-level) credits from a recently completed endorsement may be applied toward the M.Ed. Please note - all applicable coursework from the endorsement must be completed within the three years prior to admission to the M.Ed. The M.Ed. program emphasizes coursework that prepares teachers to become instructional leaders, with classes in advanced pedagogy, subject matter content, curriculum design, and assessment. Core coursework in research methods is required of participants in all options, however, students select a topic for a culminating project according to their interest and endorsement area.

Total Program Credits: 36

Matriculation Requirements:			
<ol style="list-style-type: none">1. Application for admission.2. Bachelor degree from an accredited institution.3. Overall grade point average in undergraduate work of 3.0 or higher or have a grade point average of 3.0 or higher for the last 60 semester hours of college or university credit.4. Interview with School of Education Graduate Committee.5. Three professional letters of recommendation.			
Preference will be given to individuals who have at least one year of successful teaching experience in grades K-12. A one-year internship will count as the preferred year of successful teaching.			
Preference will be given to practicing teachers who have access to an established classroom.			
Discipline Core Requirements:			12 Credits
	EDUC 6100	Research Methodology	3
	EDUC 6110	Applied Statistics for Education	3
	EDUC 6200	Masters Project	3
	EDUC 691R	Project I	1
	EDUC 692R	Project II	1
	EDUC 693R	Project III	1

Emphasis Requirements:			24 Credits
Students bring in 12 credits from 5000 level courses earned through state endorsement in Elementary STEM			12
	EDUC 6320	21st Century Instruction and Assessment	3
	EDUC 6330	Diversity and Differentiation in the Classroom	3
	EDUC 6300	Curriculum Design	3
or	EDUC 6412	Adult Learning--Theory and Practice	
Choose one of the following			3
	EDUC 6411	Instructional Coaching (undefined)	
	EDUC 6311	Introduction to Exceptional Students (undefined)	
	EDUC 6082	Equitable Technology Integration for Practitioners (3)	

Graduation Requirements

1. Complete all courses with a grade of B- or better with an overall GPA of 3.0 or higher.
2. Graduate project proposal accepted by School of Education Graduate Committee.
3. Graduate project completed and accepted by the School of Education Graduate Committee.
4. Courses and project requirements must be finished within a five year period. No courses will apply toward graduation that are older than five years.

Master of Education - Elementary Arts Integration Emphasis, M.Ed Careers

1. Plan curriculum and design instruction to enhance student learning.
2. Engage and support all students in learning.
3. Assess and evaluate student learning.
4. Demonstrate professionalism to support student learning
5. Engage in research on arts instruction in elementary schools
6. Demonstrate knowledge and skill related to arts integration in elementary schools

Related Careers

- Instructional Coordinators

Master of Education - Elementary Mathematics Emphasis, M.Ed.

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Requirements

The Master of Education Degree (M.Ed.) at Utah Valley University is an applied master's program aimed at building the instructional skills and professional competency of teachers. Currently there are eleven emphases for participants: Applied Behavioral Analysis; Educational Leadership; Educational Technology; Elementary Mathematics; Elementary STEM, English as a Second Language (ESL), Gifted and Talented Education, Higher Education Leadership, Reading I, Secondary Teaching, and Teacher Leadership. The M.Ed. program emphasizes coursework that prepares teachers to become instructional leaders, with classes in advanced pedagogy, subject matter content, curriculum

design, and assessment. Core coursework in research methods is required of participants in all options, however, students select a topic for a culminating project according to their interest or area of licensure in K-12 education.

Total Program Credits: 36

Matriculation Requirements:			
<ol style="list-style-type: none"> 1. Application for admission. 2. Bachelor degree from an accredited institution. 3. Overall grade point average in undergraduate work of 3.0 or higher or have a grade point average of 3.0 or higher for the last 60 semester hours of college or university credit. 4. Interview with School of Education Graduate Committee. 5. Three professional letters of recommendation. 			
<p>Preference will be given to individuals who have at least one year of successful teaching experience in grades K-12. A one-year internship will count as the preferred year of successful teaching.</p> <p>Preference will be given to practicing teachers who have access to an established classroom.</p>			
Discipline Core Requirements:			12 Credits
	EDUC 6100	Research Methodology	3
	EDUC 6110	Applied Statistics for Education	3
	EDUC 6200	Masters Project	3
	EDUC 691R	Project I	1
	EDUC 692R	Project II	1
	EDUC 693R	Project III	1
Emphasis Requirements:			24 Credits
Students bring in 12 credits from 5000 level courses earned through state endorsement in Elementary Mathematics.			12
	EDUC 6320	21st Century Instruction and Assessment	3
	EDUC 6330	Diversity and Differentiation in the Classroom	3
	EDUC 6300	Curriculum Design	3
or	EDUC 6412	Adult Learning--Theory and Practice	
Choose one of the following			3
	EDUC 6411	Instructional Coaching (undefined)	
	EDUC 6311	Introduction to Exceptional Students (undefined)	
	EDUC 6082	Equitable Technology Integration for Practitioners (3)	

Graduation Requirements

1. Complete all courses with a grade of B- or better with an overall GPA of 3.0 or higher.
2. Graduate project proposal accepted by School of Education Graduate Committee.
3. Graduate project completed and accepted by the School of Education Graduate Committee.
4. Courses and project requirements must be finished within a five year period. No courses will apply toward graduation that are older than five years.

Master of Education - Elementary Mathematics Emphasis, M.Ed. Careers

1. Plan curriculum and design instruction to enhance student learning.
2. Engage and support all students in learning.
3. Assess and evaluate student learning.
4. Demonstrate professionalism to support student learning

Related Careers

- Instructional Coordinators

Master of Education - Elementary STEM Emphasis, M.Ed.

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Requirements

The Master of Education Degree (M.Ed.) at Utah Valley University is an applied master's program aimed at building the instructional skills and professional competency of teachers. Currently there are eleven emphases for participants: Applied Behavioral Analysis; Educational Leadership; Educational Technology; Elementary Mathematics; Elementary STEM, English as a Second Language (ESL), Gifted and Talented Education, Higher Education Leadership, Reading I, and Teacher Leadership. The M.Ed. program emphasizes coursework that prepares teachers to become instructional leaders, with classes in advanced pedagogy, subject matter content, curriculum design and assessment. Core coursework in research methods is required of participants in all options, however, students select a topic for a culminating project according to their interest or area of licensure in K-12 education.

Total Program Credits: 36

Matriculation Requirements:			
<ol style="list-style-type: none"> 1. Application for admission. 2. Bachelor degree from an accredited institution. 3. Overall grade point average in undergraduate work of 3.0 or higher or have a grade point average of 3.0 or higher for the last 60 semester hours of college or university credit. 4. Interview with School of Education Graduate Committee. 5. Three professional letters of recommendation. 			
<p>Preference will be given to individuals who have at least one year of successful teaching experience in grades K-12. A one-year internship will count as the preferred year of successful teaching.</p> <p>Preference will be given to practicing teachers who have access to an established classroom.</p>			
Discipline Core Requirements:			12 Credits
	EDUC 6100	Research Methodology	3
	EDUC 6110	Applied Statistics for Education	3
	EDUC 6200	Masters Project	3
	EDUC 691R	Project I	1
	EDUC 692R	Project II	1
	EDUC 693R	Project III	1
Emphasis Requirements:			24 Credits
Students bring in 12 credits from 5000 level courses earned through state endorsement in Elementary STEM.			12

Education Graduate Programs

	EDUC 6320	21st Century Instruction and Assessment	3
	EDUC 6330	Diversity and Differentiation in the Classroom	3
	EDUC 6300	Curriculum Design	3
or	EDUC 6412	Adult Learning--Theory and Practice	
Choose one of the following			3
	EDUC 6411	Instructional Coaching (undefined)	
	EDUC 6311	Introduction to Exceptional Students (undefined)	
	EDUC 6082	Equitable Technology Integration for Practitioners (3)	

Graduation Requirements

1. Complete all courses with a grade of B- or better with an overall GPA of 3.0 or higher.
2. Graduate project proposal accepted by School of Education Graduate Committee.
3. Graduate project completed and accepted by the School of Education Graduate Committee.
4. Courses and project requirements must be finished within a five year period. No courses will apply toward graduation that are older than five years.

Master of Education - Elementary STEM Emphasis, M.Ed.

Careers

1. Plan curriculum and design instruction to enhance student learning.
2. Engage and support all students in learning.
3. Assess and evaluate student learning.
4. Demonstrate professionalism to support student learning

Related Careers

- Instructional Coordinators

Master of Education - Elementary Science Emphasis, M.Ed

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Requirements

The Master of Education Degree (M.Ed.) at Utah Valley University is an applied master's program aimed at building the instructional skills and professional competency of teachers. The Earned Endorsement Emphasis is for teachers who have previously earned an endorsement from the Utah State Board of Education (USBE). The following endorsements are accepted at UVU: Elementary Arts Integration, Elementary Mathematics, Elementary Science, Elementary STEM, English as a Second Language (ESL), Reading I, Gifted & Talented, and Educational Technology. Up to 12 (5000-level) credits from a recently completed endorsement may be applied toward the M.Ed. Please note - all applicable coursework from the endorsement must be completed within the three years prior to admission to the M.Ed. The M.Ed. program emphasizes coursework that prepares teachers to become instructional leaders, with classes in advanced pedagogy, subject matter content, curriculum design, and assessment. Core coursework in research methods is required of participants in all options,

however, students select a topic for a culminating project according to their interest and endorsement area.

Total Program Credits: 36

Matriculation Requirements:			
<ol style="list-style-type: none"> 1. Application for admission. 2. Bachelor degree from an accredited institution. 3. Overall grade point average in undergraduate work of 3.0 or higher or have a grade point average of 3.0 or higher for the last 60 semester hours of college or university credit. 4. Interview with School of Education Graduate Committee. 5. Three professional letters of recommendation. 			
Preference will be given to individuals who have at least one year of successful teaching experience in grades K-12. A one-year internship will count as the preferred year of successful teaching.			
Preference will be given to practicing teachers who have access to an established classroom.			
Discipline Core Requirements:			12 Credits
	EDUC 6100	Research Methodology	3
	EDUC 6110	Applied Statistics for Education	3
	EDUC 6200	Masters Project	3
	EDUC 691R	Project I	1
	EDUC 692R	Project II	1
	EDUC 693R	Project III	1
Emphasis Requirements:			24 Credits
Students bring in 12 credits from 5000 level courses earned through Elementary Science Endorsement			12
	EDUC 6320	21st Century Instruction and Assessment	3
	EDUC 6330	Diversity and Differentiation in the Classroom	3
	EDUC 6300	Curriculum Design	3
or	EDUC 6412	Adult Learning--Theory and Practice	
Choose one of the following			3
	EDUC 6411	Instructional Coaching (undefined)	
	EDUC 6311	Introduction to Exceptional Students (undefined)	
	EDUC 6082	Equitable Technology Integration for Practitioners (3)	

Graduation Requirements

1. Complete all courses with a grade of B- or better with an overall GPA of 3.0 or higher.
2. Graduate project accepted by School of Education Graduate Committee.
3. Graduate project completed and accepted by the School of Education Graduate Committee.
4. Courses and project requirements must be finished within a five year period. No courses will apply toward graduation that are older than five years.

Master of Education - Elementary Science Emphasis, M.Ed

Careers

1. Plan curriculum and design instruction to enhance student learning.
2. Engage and support all students in learning.
3. Assess and evaluate student learning.
4. Demonstrate professionalism to support student learning
5. Engage in research related to effective Elementary Science instruction
6. Demonstrate skill in teaching the Utah Elementary Science standards

Related Careers

- Instructional Coordinators

Master of Education - English as a Second Language Emphasis, M.Ed.

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Requirements

The Master of Education Degree (M.Ed.) at Utah Valley University is an applied master's program aimed at building the instructional skills and professional competency of teachers. Currently there are eleven emphases for participants: Applied Behavioral Analysis; Educational Leadership; Educational Technology; Elementary Mathematics; Elementary STEM, English as a Second Language (ESL), Gifted and Talented Education, Higher Education Leadership, Reading I, Secondary Teaching, and Teacher Leadership. The M.Ed. program emphasizes coursework that prepares teachers to become instructional leaders, with classes in advanced pedagogy, subject matter content, curriculum design, and assessment. Core coursework in research methods is required of participants in all options, however, students select a topic for a culminating project according to their interest or area of licensure in K-12 education.

Total Program Credits: 36

Matriculation Requirements:		
<ol style="list-style-type: none"> 1. Application for admission. 2. Bachelor degree from an accredited institution. 3. Overall grade point average in undergraduate work of 3.0 or higher or have a grade point average of 3.0 or higher for the last 60 semester hours of college or university credit. 4. Interview with School of Education Graduate Committee. 5. Three professional letters of recommendation. 		
Preference will be given to individuals who have at least one year of successful teaching experience in grades K-12. A one-year internship will count as the preferred year of successful teaching. Preference will be given to practicing teachers who have access to an established classroom.		
Discipline Core Requirements:		12 Credits
EDUC 6100	Research Methodology	3
EDUC 6110	Applied Statistics for Education	3
EDUC 6200	Masters Project	3
EDUC 691R	Project I	1
EDUC 692R	Project II	1
EDUC 693R	Project III	1
Emphasis Requirements:		24 Credits

Students bring in 12 credits from 5000 level courses earned through state endorsement in English as a Second Language.		12
EDUC 6320	21st Century Instruction and Assessment	3
EDUC 6330	Diversity and Differentiation in the Classroom	3
EDUC 6300	Curriculum Design	3
or EDUC 6412	Adult Learning--Theory and Practice	
Choose one of the following		3
EDUC 6411	Instructional Coaching (undefined)	
EDUC 6311	Introduction to Exceptional Students (undefined)	
EDUC 6082	Equitable Technology Integration for Practitioners (3)	

Graduation Requirements

1. Complete all courses with a grade of B- or better with an overall GPA of 3.0 or higher.
2. Graduate project proposal accepted by School of Education Graduate Committee.
3. Graduate project completed and accepted by the School of Education Graduate Committee.
4. Courses and project requirements must be finished within a five year period. No courses will apply toward graduation that are older than five years.

Master of Education - English as a Second Language Emphasis, M.Ed.

Careers

1. Plan curriculum and design instruction to enhance student learning.
2. Engage and support all students in learning.
3. Assess and evaluate student learning.
4. Demonstrate professionalism to support student learning

Related Careers

- Instructional Coordinators

Master of Education - Gifted and Talented Education Emphasis, M.Ed.

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Requirements

The Master of Education Degree (M.Ed.) at Utah Valley University is an applied master's program aimed at building the instructional skills and professional competency of teachers. Currently there are eleven emphases for participants: Applied Behavioral Analysis; Educational Leadership; Educational Technology; Elementary Mathematics; Elementary STEM, English as a Second Language (ESL), Gifted and Talented Education, Higher Education Leadership, Reading I, Secondary Teaching, and Teacher Leadership. The M.Ed. program emphasizes coursework that prepares teachers to become instructional leaders, with classes in advanced pedagogy, subject matter content, curriculum design, and assessment. Core coursework in research methods is required of participants in all options, however, students select a topic for a culminating project according to their interest or area of licensure in K-12 education.

Education Graduate Programs

Total Program Credits: 36

Matriculation Requirements:			
<ol style="list-style-type: none"> 1. Application for admission. 2. Bachelor degree from an accredited institution. 3. Overall grade point average in undergraduate work of 3.0 or higher or have a grade point average of 3.0 or higher for the last 60 semester hours of college or university credit. 4. Interview with School of Education Graduate Committee. 5. Three professional letters of recommendation. <p>Preference will be given to individuals who have at least one year of successful teaching experience in grades K-12. A one-year internship will count as the preferred year of successful teaching.</p> <p>Preference will be given to practicing teachers who have access to an established classroom.</p>			
Discipline Core Requirements:			12 Credits
	EDUC 6100	Research Methodology	3
	EDUC 6110	Applied Statistics for Education	3
	EDUC 6200	Masters Project	3
	EDUC 691R	Project I	1
	EDUC 692R	Project II	1
	EDUC 693R	Project III	1
Emphasis Requirements:			24 Credits
Students bring in 12 credits from 5000 level courses earned through state endorsement in Gifted and Talented			12
	EDUC 6320	21st Century Instruction and Assessment	3
	EDUC 6330	Diversity and Differentiation in the Classroom	3
	EDUC 6300	Curriculum Design	3
or	EDUC 6412	Adult Learning--Theory and Practice	
Choose one of the following:			3
	EDUC 6411	Instructional Coaching (undefined)	
	EDUC 6412	Introduction to Exceptional Students (undefined)	
	EDUC 6082	Equitable Technology Integration for Practitioners (3)	

Graduation Requirements

1. Complete all courses with a grade of B- or better with an overall GPA of 3.0 or higher.
2. Graduate project proposal accepted by School of Education Graduate Committee.
3. Graduate project completed and accepted by the School of Education Graduate Committee.
4. Courses and project requirements must be finished within a five year period. No courses will apply toward graduation that are older than five years.

Master of Education - Gifted and Talented Education Emphasis, M.Ed.

Careers

1. Plan curriculum and design instruction to enhance student learning.
2. Engage and support all students in learning.
3. Assess and evaluate student learning.

4. Demonstrate professionalism to support student learning

Related Careers

- Instructional Coordinators

Master of Education - Reading I Emphasis, M.Ed.

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Requirements

The Master of Education Degree (M.Ed.) at Utah Valley University is an applied master's program aimed at building the instructional skills and professional competency of teachers. Currently there are eleven emphases for participants: Applied Behavioral Analysis; Educational Leadership; Educational Technology; Elementary Mathematics; Elementary STEM, English as a Second Language (ESL), Gifted and Talented Education, Higher Education Leadership, Reading I, and Teacher Leadership. The M.Ed. program emphasizes coursework that prepares teachers to become instructional leaders, with classes in advanced pedagogy, subject matter content, curriculum design and assessment. Core coursework in research methods is required of participants in all options, however, students select a topic for a culminating project according to their interest or area of licensure in K-12 education.

Total Program Credits: 36

Matriculation Requirements:			
<ol style="list-style-type: none"> 1. Application for admission. 2. Bachelor degree from an accredited institution. 3. Overall grade point average in undergraduate work of 3.0 or higher or have a grade point average of 3.0 or higher for the last 60 semester hours of college or university credit. 4. Interview with School of Education Graduate Committee. 5. Three professional letters of recommendation. <p>Preference will be given to individuals who have at least one year of successful teaching experience in grades K-12. A one-year internship will count as the preferred year of successful teaching.</p> <p>Preference will be given to practicing teachers who have access to an established classroom.</p>			
Discipline Core Requirements:			12 Credits
	EDUC 6100	Research Methodology	3
	EDUC 6110	Applied Statistics for Education	3
	EDUC 6200	Masters Project	3
	EDUC 691R	Project I	1
	EDUC 692R	Project II	1
	EDUC 693R	Project III	1
Emphasis Requirements:			24 Credits
Students bring in 12 credits from 5000 level courses earned through state endorsement in Reading I			
	EDUC 6320	21st Century Instruction and Assessment	3
	EDUC 6330	Diversity and Differentiation in the Classroom	3
	EDUC 6300	Curriculum Design	3
	EDUC 6412	Adult Learning--Theory and Practice	3

Choose one of the following:		3
EDUC 6411	Instructional Coaching (undefined)	
EDUC 6311	Introduction to Exceptional Students (undefined)	
EDUC 6082	Equitable Technology Integration for Practitioners (3)	

Graduation Requirements

1. Complete all courses with a grade of B- or better with an overall GPA of 3.0 or higher.
2. Graduate project proposal accepted by School of Education Graduate Committee.
3. Graduate project completed and accepted by the School of Education Graduate Committee.
4. Courses and project requirements must be finished within a five year period. No courses will apply toward graduation that are older than five years.

Master of Education - Reading I Emphasis, M.Ed. Careers

1. Plan curriculum and design instruction to enhance student learning.
2. Engage and support all students in learning.
3. Assess and evaluate student learning.
4. Demonstrate professionalism to support student learning

Related Careers

- Instructional Coordinators

Master of Education - Secondary Teaching Emphasis, M.Ed.

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Requirements

The Master of Education Degree (M.Ed.) at Utah Valley University is an applied master's program aimed at building the instructional skills and professional competency of teachers. Currently there are eleven emphases for participants: Applied Behavioral Analysis; Educational Leadership; Educational Technology; Elementary Mathematics; Elementary STEM, English as a Second Language (ESL), Gifted and Talented Education, Higher Education Leadership, Reading I, Secondary Teaching, and Teacher Leadership. The M.Ed. program emphasizes coursework that prepares teachers to become instructional leaders, with classes in advanced pedagogy, subject matter content, curriculum design, and assessment. Core coursework in research methods is required of participants in all options, however, students select a topic for a culminating project according to their interest or area of licensure in K-12 education. Students taking the M.Ed in Secondary Teaching will first complete the Secondary Teaching Graduate Certificate.

Total Program Credits: 41

Matriculation Requirements:	
<ol style="list-style-type: none"> 1. Application for admission. 2. Bachelor degree from an accredited institution. 3. Overall grade point average in undergraduate work of 3.0 or higher or have a grade point average of 3.0 or higher for the last 60 semester hours of college or university credit. 	

4. Interview with School of Education Graduate Committee.
5. Three professional letters of recommendation.

Preference will be given to individuals who have at least one year of successful teaching experience in grades K-12. A one-year internship will count as the preferred year of successful teaching. Preference will be given to practicing teachers who have access to an established classroom.

Discipline Core Requirements:		12 Credits
EDUC 6100	Research Methodology	3
EDUC 6110	Applied Statistics for Education	3
EDUC 6200	Masters Project	3
EDUC 691R	Project I	1
EDUC 692R	Project II	1
EDUC 693R	Project III	1
Emphasis Requirements:		29 Credits
EDUC 6300	Curriculum Design	3
EDUC 6201	Teacher Performance Assessment Project	2
EDUC 6202	Classroom Management Practicum	3
EDUC 6203	Student Teaching Graduate Licensure	6
EDUC 6311	Introduction to Exceptional Students	3
EDUC 6663	Content Area Reading	3
EDUC 6330	Diversity and Differentiation in the Classroom	3
EDUC 6320	21st Century Instruction and Assessment	3
EDUC 6082	Equitable Technology Integration for Practitioners	3

Graduation Requirements

1. Complete all courses with a grade of B- or better with an overall GPA of 3.0 or higher.
2. Graduate project proposal accepted by School of Education Graduate Committee.
3. Graduate project completed and accepted by the School of Education Graduate Committee.
4. Courses and project requirements must be finished within a five year period. No courses will apply toward graduation that are older than five years.

Master of Education - Secondary Teaching Emphasis, M.Ed.

Careers

1. Plan curriculum and design instruction to enhance student learning.
2. Engage and support all students in learning.
3. Assess and evaluate student learning.
4. Demonstrate professionalism to support student learning

Related Careers

- Instructional Coordinators

Education Graduate Programs

Master of Education - Teacher Leadership, M.Ed.

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Requirements

The Master of Education Degree (M.Ed.) at Utah Valley University is an applied master's program aimed at building the instructional skills and professional competency of teachers. Currently there are eleven emphases for participants: Applied Behavioral Analysis; Educational Leadership; Educational Technology; Elementary Mathematics; Elementary STEM, English as a Second Language (ESL), Gifted and Talented Education, Higher Education Leadership, Reading I, and Teacher Leadership. The M.Ed. program emphasizes coursework that prepares teachers to become instructional leaders, with classes in advanced pedagogy, subject matter content, curriculum design and assessment. Core coursework in research methods is required of participants in all options, however, students select a topic for a culminating project according to their interest or area of licensure in K-12 education.

Total Program Credits: 30

Matriculation Requirements:			
<ol style="list-style-type: none">1. Application for admission.2. Bachelor degree from an accredited institution.3. Overall grade point average in undergraduate work of 3.0 or higher or have a grade point average of 3.0 or higher for the last 60 semester hours of college or university credit.4. Interview with School of Education Graduate Committee.5. Three professional letters of recommendation.			
Preference will be given to individuals who have at least one year of successful teaching experience in grades K-12. A one-year internship will count as the preferred year of successful teaching. Preference will be given to practicing teachers who have access to an established classroom.			
Discipline Core Requirements:			12 Credits
EDUC 6100	Research Methodology		3
EDUC 6110	Applied Statistics for Education		3
EDUC 6200	Masters Project		3
EDUC 691R	Project I		1
EDUC 692R	Project II		1
EDUC 693R	Project III		1
Emphasis Requirements:			18 Credits
EDUC 6300	Curriculum Design		3
EDUC 6320	21st Century Instruction and Assessment		3
EDUC 6330	Diversity and Differentiation in the Classroom		3
EDUC 6412	Adult Learning--Theory and Practice		3
EDUC 6400	Contemporary Issues in Teacher Leadership		3
EDUC 6411	Instructional Coaching		3

Graduation Requirements

1. Complete all courses with a grade of B- or better with an overall GPA of 3.0 or higher.

2. Graduate project proposal accepted by School of Education Graduate Committee.
3. Graduate project completed and accepted by the School of Education Graduate Committee.
4. Courses and project requirements must be finished within a five year period. No courses will apply toward graduation that are older than five years.

Master of Education - Teacher Leadership, M.Ed. Careers

1. Plan curriculum and design instruction to enhance student learning.
2. Engage and support all students in learning.
3. Assess and evaluate student learning.
4. Demonstrate professionalism to support student learning

Related Careers

- Instructional Coordinators

Master of Education in Applied Behavioral Analysis, M.Ed.

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Requirements

The ABA Graduate program will qualify students to meet the requirements necessary to apply for the Board Certified Behavior Analyst (BCBA) examination. This program includes all required ABA specific coursework and supervised practicum hours.

Total Program Credits: 37

Matriculation Requirements:		
<ol style="list-style-type: none">1. Application for admission to the graduate program with application fee by the established deadline.2. Submit official transcripts from all universities attended.3. A bachelor's degree from a regionally accredited college/ university or the international equivalent.4. A 3.0 cumulative undergraduate GPA or a 3.0 GPA calculated on the last 60 semester hours (90 quarter hours) of undergraduate work.5. For international students whose native language is not English, submit official TOEFL or IELTS band scores. A TOEFL score of 80 iBT (550 pBT) or higher, or an IELTS band score of 6.5 or higher within the past two years is required.6. International students must also meet all US government requirements for international students.7. The university uses a selective admissions process for admitting students to graduate programs. Meeting minimum admissions criteria does not guarantee admission to the graduate program or to the University as a graduate student.		
Discipline Core Requirements:		37 Credits
EDAB 6010	ABA Concepts and Principles	3
EDAB 6020	Ethics and Professional Competencies in Applied Behavioral Analysis	3
EDAB 6030	Developing and Changing Behaviors	3

EDAB 6040	Measurement in Single Subject Design	3
EDAB 6050	Functional Behavior Assessment and Treatment	3
EDAB 6060	Advanced Topics in Applied Behavior Analysis	3
EDAB 6070	Training Supervision and Performance Monitoring in Applied Behavior Analysis	3
EDAB 6080	Introduction to Practice in ABA	3
EDAB 6090	Advanced Applications in ABA	2
EDAB 689R	ABA Supervision Seminar	5
EDAB 6100	Group Research Design in ABA	3
EDUC 6110	Applied Statistics for Education	3

Graduation Requirements:

1. Residency hours -- all courses must be taken at UVU.
2. Satisfactory completion of all coursework with a minimum overall 3.0 GPA.
3. All courses passed with a B- or higher.

Master of Education in Applied Behavioral Analysis, M.Ed.

Careers

1. Address problem behavior with functional assessment and behavior support planning that meets best practice standards in applied behavior analysis.
2. Develop a comprehensive treatment plan that meets best practice standards in Applied Behavior Analysis.
3. Identify appropriate forms of measurement and data display to make informed clinical decisions.
4. Develop training and performance monitoring for staff and other stakeholders.
5. Demonstrate ethical conduct in their professional practice.

Related Careers

- Managers, All Other
- Clinical, Counseling, and School Psychologists
- Psychologists, All Other
- Psychology Teachers, Postsecondary

Master of Education in Higher Education Leadership, M.Ed.

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Requirements

The Master of Education Degree (M.Ed.) in Higher Education Leadership at Utah Valley University is an applied master's program aimed at building the administrative and leadership skills and professional competency of entry and middle level administrators in institutions of higher education. The M.Ed. program emphasizes

coursework that prepares individuals to become leaders in policy, operations and strategic decision making needed to support the many aspects of higher education institutions.

Total Program Credits: 30

Matriculation Requirements:			
<ol style="list-style-type: none"> 1. Application for admission to the graduate program with application fee by the established deadline. 2. Submit official transcripts from all universities attended. 3. A bachelor's degree from a regionally accredited college/university or the international equivalent. 4. A 3.0 cumulative undergraduate GPA or a 3.0 GPA calculated on the last 60 semester hours (90 quarter hours) of undergraduate work. 5. Letter of recommendation from supervising administrator. 6. For international students whose native language is not English, submit official TOEFL or IELTS band scores. A TOEFL score of 80 iBT (550 pBT) or higher, or an IELTS band score of 6.5 or higher within the past two years is required. 7. International students must also meet all US government requirements for international students. 8. Interview with graduate program committee. 9. The university uses a selective admissions process for admitting students to graduate programs. Meeting minimum admissions criteria does not guarantee admission to the graduate program or to the University as a graduate student. 			
Discipline Core Requirements:			12 Credits
EDUC 6100	Research Methodology		3
EDUC 6110	Applied Statistics for Education		3
EDHE 6410	Foundations and Contexts of Higher Education		3
EDHE 6420	Diversity in Higher Education		3
EDHE 6430	Student Success and Development		3
EDHE 6440	Leadership in Higher Education		3
EDHE 6450	Law-Policy-Ethics in Higher Education		3
EDHE 6460	Planning-Budget-Organizational Effectiveness		3
EDHE 6200	Higher Education Leadership Capstone Project		3
EDHE 696R	Higher Education Leadership Capstone		3

Graduation Requirements:

1. Residency hours -- all courses must be taken at UVU.
2. Satisfactory completion of all coursework with a minimum 3.0 GPA.
3. All courses passed with a B- or higher.
4. Satisfactory completion of capstone project.
5. Completion of a minimum of 30 credits.

Master of Education in Higher Education Leadership, M.Ed.

Careers

1. Evaluate performance of academic programs, institutional services, and overall university mission fulfillment.
2. Assess principles of strategic resource allocation for both operations and capital facilities at the institutional level.
3. Construct contextual institutional maps related to notions of diversity, inclusion, exclusion, and discrimination.
4. Implement best practice regarding the interaction between law, policy, and ethics in the higher education context.

Education Graduate Programs

5. Create meaningful connections between student development and retention theories, research, and practice.

Related Careers

- Instructional Coordinators

Master of Education in K-12 Education Leadership, M.Ed.

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Requirements

The Master of Education (M.Ed.) in K-12 Educational Leadership program in the UVU School of Education is based on state and national standards, and prepares educational leader for elementary and secondary schools, and district offices. The leadership program is aligned with all applicable Utah Board of Education rules and meets all state requirements for the Educational Leadership License Area of Concentration. The Educational Leadership program is designed to build individual school leaders in the competency areas identified in the state and national standards, including: Personal Leadership & Organizational Design; Organizational Operations and Management; Leading Evidence-Based Curriculum, Instruction, & Assessment; Leading Professional Learning Communities; and Leading Change, Innovation & Educational Entrepreneurship. Candidates are required to complete clinical work that is embedded within the coursework and in individual work carried on throughout the program.

Total Program Credits: 36

Matriculation Requirements:		
<ol style="list-style-type: none"> 1. Application for admission to the graduate program with application fee by the established deadline. 2. Submit official transcripts from all universities attended. 3. A bachelor's degree from a regionally accredited college/university or the international equivalent. 4. A 3.0 cumulative undergraduate GPA or a 3.0 GPA calculated on the last 60 semester hours (90 quarter hours) of undergraduate work. 5. Letter of recommendation from supervising administrator. 6. For international students whose native language is not ENGLISH, submit official TOEFL or IELTS band scores. A TOEFL score of 80 iBT (550 pBT) or higher, or an IELTS band score of 6.5 or higher within the past two years is required. 7. International students must also meet all US government requirements for international students. The university uses a selective admissions process for admitting students to graduate programs. Meeting minimum admissions criteria does not guarantee admission to the graduate program or to the University as a graduate student. 8. Interview with graduate program committee. 9. The university uses a selective admissions process for admitting students to graduate programs. Meeting minimum admissions criteria does not guarantee admission to the graduate program or to the University as a graduate student. 		
Discipline Core Requirements:		36 Credits
EDUC 6100	Research Methodology	3
EDUC 6110	Applied Statistics for Education	3
EDLE 6120	Personal Leadership and Organizational Design	3

EDLE 6130	School Operations and Management-Finance/Law/Safety	3
EDLE 6140	Instructional Leadership	3
EDLE 6150	School Operations and Management-Communication/Planning/HR/Evaluation	3
EDLE 6160	Developing Positive School and Community Culture	3
EDLE 6170	Leading Change/Innovation/Educational Entrepreneurship	3
EDLE 6200	Current Research in Education Leadership	3
EDUC 6320	21st Century Instruction and Assessment	3
EDUC 6330	Diversity and Differentiation in the Classroom	3
EDLE 696R	Clinical Portfolio	3

Graduation Requirements:

1. Residency hours -- all courses must be taken at UVU.
2. Satisfactory completion of all coursework with a minimum overall 3.0 GPA.
3. All courses passed with a B- or higher.
4. Pass state required licensing exam.
5. Complete a minimum of 36 credits.

Master of Education in K-12 Education Leadership, M.Ed.

Careers

1. Students will develop competency in the development, articulation, implementation, and stewardship of a shared vision for education.
2. Students will develop competency in supporting teaching and learning by facilitating coherent systems of curriculum, instruction, and assessment.
3. Students will develop competency in managing school operations and resources.
4. Students will develop competency in engaging families and the community in order to create an inclusive, caring, safe, and supportive school environment.
5. Students will develop competency in acting ethically and professionally in leadership, and honoring the heritage and background of each student, promoting the equity of educational opportunity for all students.
6. Students will develop competency to act as agents of continuous improvement and foster a professional community of teachers and staff to promote each student's academic success and well-being.

Related Careers

- Instructional Coordinators

Master of Education in School Counseling, M.Ed.

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Requirements

The Master of Education in School Counseling (MEdSC) program in the UVU School of Education prepares individuals to provide school counseling services in grades P-12 in public and private schools, as well as work in related fields at universities or colleges. The curriculum is aligned to the learning standards required for licensure by the Utah State Board of Education including Professional Counseling Orientation and Ethical Practice, Social and Cultural Diversity, Human Growth and Development, Career Development, Counseling and Helping Relationships, Group Counseling and Group Work, Assessment and Testing, and Research and Program Evaluation.

Total Program Credits: 51

Matriculation Requirements:		
<ol style="list-style-type: none"> 1. Application for admission to the graduate program with application fee by the established deadline. 2. Submit official transcripts from all universities attended. 3. A bachelor's degree from a regionally accredited college/university or the international equivalent. 4. A 3.0 cumulative undergraduate GPA or a 3.0 GPA calculated on the last 60 semester hours (90 quarter hours) of undergraduate work. 5. For international students whose native language is not English, submit official TOEFL or IELTS band scores. A TOEFL score of 80 iBT (550 pBT) or higher, or an IELTS band score of 6.5 or higher within the past two years is required. 6. International students must also meet all US government requirements for international students. 7. The university uses a selective admissions process for admitting students to graduate programs. Meeting minimum admissions criteria does not guarantee admission to the graduate program or to the University as a graduate student. 		
Discipline Core Requirements:		51 Credits
CMHC 6010	Theories of Counseling	3
CMHC 6020	Techniques of Counseling	3
CMHC 6060	Psychological Assessment	3
CMHC 6070	Group Counseling	3
CMHC 6160	Human Development	3
EDCO 6010	Foundational Principles of School Counseling	3
EDCO 6020	Ethics and Professional Competencies of School Counseling	3
EDCO 6030	Career Counseling	3
EDCO 6040	Multicultural Counseling	3
EDCO 6050	Interventions in Schools	3
EDCO 6060	College and Career Readiness	3

EDCO 6100	Research and Evaluation	3
EDCO 6710	School Counseling Practicum	3
EDCO 689R	School Counseling Internship	6
EDUC 6110	Applied Statistics for Education	3
EDUC 6311	Introduction to Exceptional Students	3

Graduation Requirements:

1. Residency hours -- all courses must be taken at UVU.
2. Satisfactory completion of all coursework with a minimum 3.0 GPA.
3. All courses passed with a B- or higher.
4. Successfully complete all practicum and internship hours.
5. Complete a minimum of 51 credits.

Master of Education in School Counseling, M.Ed. Careers

1. Understand the history and development of school counseling including local and national school counseling models
2. Know the major theories regarding physical development through the lifespan
3. Develop competency in legal and ethical considerations specific to school counseling
4. Understand the purposes and theories of individual and group counseling
5. Implement interventions to promote college and career readiness
6. Recognize the various types of assessments specific to P-12 education
7. Use data to advocate for programs and students

Secondary Teaching, Graduate Certificate

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Requirements

The Graduate Certificate in Secondary Teaching is designed for individuals who have earned a bachelor's degree. They must have completed coursework in one of the teaching major subject areas for secondary education approved by the Utah State Board of Education (USBE) prior to admission into either program. The primary goal of the program will be to ensure that teacher candidates, through support, supervision, and evaluation, can demonstrate and apply the competencies required by the USBE for teacher licensure. Includes the basic coursework and field experiences required of all teacher candidates for an initial teaching license, ensuring that competencies in both subject knowledge and pedagogy are met.

Total Program Credits: 29

Matriculation Requirements:	
Requirements for admission to the Graduate Certificate in Secondary Teaching (GCST) program include the following:	
<ol style="list-style-type: none"> 1. Verification of a bachelor's degree from an accredited university in a recognized content major (or with equivalent coursework) in a discipline taught in Utah secondary schools and for which UVU can recommend a secondary teaching license. Any 	

Education Graduate Programs

coursework required by the Utah State Board of Education (USBE) for a content major* must be completed with a grade of C or higher prior to admission into the GCST program.

2. A cumulative GPA of 3.0 or a GPA of 3.0 for the last 60 credits of university coursework.
3. Passing scores from the Praxis II [subject-area test(s)] as required by the USBE.
4. Successful completion of a background check through USBE.

* Students will have completed a content-specific methods course prior to admission into the program. These courses are not offered in the School of Education, but in the appropriate content areas across the University. The following courses would be examples.

- ART 3500 Secondary Art Education Methods I WE (3)
- ART 3510 Secondary Art Education Methods II WE (3)
- ENGL 4240 Grammar and Unit Design in the English Classroom (3)
- ENGL 4220 Teaching Reading and Literature (3)
- ENGL 4230 Teaching Writing (3)
- LANG 4200 Methods of Teaching a Foreign Language (3)
- SCIE 4220 Teaching Methods in Science II (3)

Discipline Core Requirements:			29 Credits
	EDUC 6082	Equitable Technology Integration for Practitioners	3
	EDUC 6201	Teacher Performance Assessment Project	2
	EDUC 6202	Classroom Management Practicum	3
	EDUC 6203	Student Teaching Graduate Licensure	6
	EDUC 6300	Curriculum Design	3
	EDUC 6320	21st Century Instruction and Assessment	3
	EDUC 6330	Diversity and Differentiation in the Classroom	3
	EDUC 6311	Introduction to Exceptional Students	3
	EDUC 6663	Content Area Reading	3

Graduation Requirements:

1. Completion of all required coursework, with a grade of B- or better.
2. Completion of the Teacher Performance Assessment, with a score of 42 or better.
3. Successful completion of student teaching or internship hours.
4. Residency hours -- minimum of 20 credit hours through course attendance at UVU.

Elementary Education

DEPARTMENT CHAIR

TUFT, Elaine *Professor*

FACULTY

BYRD, Elaine H. *Professor*

DISNEY, Andria R. *Assistant Professor*

EGGINGTON, Kalani *Associate Professor*

ESCALANTE, Debora L. *Associate Professor*

GEARING, Nicole *Assistant Professor*

GOODMAN, Andrew *Assistant Professor*

KANG, Mi Ok *Associate Professor*

MEASOM, Keri *Lecturer*

PATCH, Michael *Associate Professor*

RUGGLES, Krista *Associate Professor*

SERMON, Tracy Sr. *Lecturer*

TUFT, Elaine *Professor*

WATERS, Sandie *Associate Professor*

Degrees & Programs

Early Childhood Education, A.S.

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Requirements

Individuals who earn an Associate Degree In Early Childhood Education are prepared to teach preschool in private and corporate centers, Head Start, and public education tuition preschools, or work as center directors. The Associate Degree in Early Childhood can be planned to fill the majority of the requirements for entry into the Elementary Education Program. The UVU Early Childhood Education program is accredited by the Northwest Commission on Colleges and Universities. The UVU Teacher Education Preschool is accredited by the National Association for the Education of Young Children.

Total Program Credits: 60

General Education Requirements:			35 Credits
or	ENGL 1010	Introduction to Academic Writing CC	3
	ENGL 1005	Literacies and Composition Across Context CC (5.0)	
	ENGL 2010	Intermediate Academic Writing CC	3
Complete one of the following:			3
	MAT 1030	Quantitative Reasoning QL (3.0)	
	MAT 1035	Quantitative Reasoning with Integrated Algebra QL (6.0)	
	MATH 1050	College Algebra QL (4.0)	
	MATH 1055	College Algebra with Preliminaries QL (5.0)	
	MATH 2000	Algebraic Reasoning with Modeling QL (3.0)	
	STAT 1040	Introduction to Statistics QL (3.0)	
	STAT 1045	Introduction to Statistics with Algebra QL (5.0)	
Complete one of the following:			3

	HIST 2700	US History to 1877 AS (3.0)	
and	HIST 2710	US History since 1877 AS (3.0)	
	HIST 1700	American Civilization AS (3.0)	
	HIST 1740	US Economic History AS (3.0)	
	POLS 1000	American Heritage SS (3.0)	
	POLS 1100	American National Government AS (3.0)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
	HLTH 2900	Health Education for Elementary Teachers	2
Distribution Courses:			
	Biology		3
	Physical Science		3
	Additional Biology or Physical Science		3
	Humanities		3
	Fine Arts		3
	PSY 1100	Human Development Life Span SS ("C" grade or higher)	3
Discipline Core Requirements:			25 Credits
	EDEC 1640	Childrens Music and Movement	2
	EDEL 2200	Introduction to Educational Technology	2
	EDEC 2300	Including Young Diverse Learners	2
	EDEC 2500	Child Development Birth to Eight Years	3
	EDEC 2600	Introduction to Early Childhood Education	2
	EDEC 2610	Child Guidance	3
	EDEC 2620	Early Childhood Curriculum	3
	EDEC 2630	Literacy and Literature for Early Childhood	3
	EDEC 2700	Early Childhood Practicum	3
	EDEC 2720	Early Childhood Assessment	2

Graduation Requirements:

1. Completion of a minimum of 60 semester credits.
2. Overall grade point average of 2.0 (C) or above. C- grade or higher in all program classes unless otherwise specified.
3. Residency hours -- minimum of 20 credit hours through course attendance at UVU.
4. Completion of GE and specified departmental requirements.
5. First aid/CPR certification, food handler's permit, portfolio review and acceptance by Education Committee

Early Childhood Education, A.S.

Careers

1. Program graduates identify and conduct themselves as members of the early childhood profession.
2. Program graduates understand that successful early childhood education depends upon partnerships with children's families and communities.
3. Program graduates understand that child observation, documentation, and other forms of assessment are central to the practice of all early childhood professionals.
4. Program graduates are grounded in a child development knowledge base.

Elementary Education

- Program graduates use their knowledge of academic disciplines to design, implement, and evaluate experiences that promote positive development and learning for each and every young child.
- Program graduates understand that teaching and learning with young children is a complex enterprise, and its details vary depending on children's ages, characteristics, and the settings within which teaching and learning occur.

Related Careers

- Preschool Teachers, Except Special Education
- Kindergarten Teachers, Except Special Education

Pre-Elementary Education, A.S.

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Requirements

Prepares students for matriculation into the Bachelor of Science Professional Elementary Education program.

Total Program Credits: 60

General Education Requirements:		35 Credits
or	ENGL 1010 Introduction to Academic Writing CC	3
	or ENGH 1005 Literacies and Composition Across Context CC (5)	
	ENGL 2010 Intermediate Academic Writing CC	3
Complete one of the following:		3
	MATH 1050 College Algebra QL (4) ¹	
	MATH 1055 College Algebra with Preliminaries QL (5) ¹	
	MATH 2000 Algebraic Reasoning with Modeling QL (3) ¹	
Complete one of the following:		3
	HIST 2700 US History to 1877 AS (3)	
and	HIST 2710 US History since 1877 AS (3)	
	HIST 1700 American Civilization AS (3)	
	HIST 1740 US Economic History AS (3)	
	POLS 1000 American Heritage SS (3)	
	POLS 1100 American National Government AS (3)	
Complete the following:		
	PHIL 2050 Ethics and Values IH	3
	HLTH 2900 Health Education for Elementary Teachers	2
Distribution Courses:		
	Biology	3
	Physical Science	3
	Additional Biology or Physical Science	3
	Humanities Distribution	3
	Fine Arts Distribution:	3
	ART 2100 Teaching Art for Children FF (3)	
or	DANC 2100 Teaching Dance for Children FF (3)	

or	MUSC 2100	Teaching Music for Children FF (3)	
or	THEA 2100	Teaching Theatre For Children FF (3)	
	PSY 1100	Human Development Life Span SS (Social/Behavioral Science)	3
Discipline Core Requirements:			15 Credits
Complete the following:			
	EDEL 1010	Introduction to Education ²	2
	EDEL 2200	Introduction to Educational Technology ²	2
	EDEL 2330	Children's Literature ²	3
	MATH 2010	Mathematics for Elementary Teachers I ¹	3
	MATH 2020	Mathematics for Elementary Teachers II ¹	3
	PETE 2150	Elementary Physical Education SPARK Method ²	2
Elective Requirements:			10 Credits
Complete 10 credits of course 1000 or higher. The following is a list of recommended courses to choose from:			10
	ART 2100	Teaching Art for Children FF (3)	
	DANC 2100	Teaching Dance for Children FF (3)	
	MUSC 2100	Teaching Music for Children FF (3)	
	THEA 2100	Teaching Theatre For Children FF (3)	

Graduation Requirements:

- Completion of a minimum of 60 semester credits.
- Overall grade point average of 2.0 (C) or above. (Departments may require a higher GPA.)
- Residency hours -- minimum of 20 credit hours through course attendance at UVU.
- Completion of GE and specified departmental requirements.

Footnotes

- Must be completed with a C grade or higher.
- Must be completed with a B- grade or higher.

Pre-Elementary Education, A.S.

Careers

- A student will acquire a foundation of intellectual and practical skills including communication, quantitative reasoning, and technical and information literacies.
- A student will demonstrate knowledge of human cultures and the physical and natural world in the following areas of essential study: arts, history, humanities, languages, science and mathematics, social sciences.
- Prepares students for matriculation into the Bachelor of Science Professional Elementary Education program.

Related Careers

- Preschool Teachers, Except Special Education
- Kindergarten Teachers, Except Special Education

Early Care and Education, Certificate of Completion

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Requirements

This certificate is for students interested in increasing their skills in working with children in child care and preschool programs. Individuals are prepared to work as technicians in public education classrooms and as teacher aides in private centers or Head Start.

Total Program Credits: 30

Discipline Core Requirements:		28 Credits
Complete the following courses: ¹		
PSY 1100	Human Development Life Span (C grade or higher) ²	3
EDEC 1640	Childrens Music and Movement	2
EDEC 2300	Including Young Diverse Learners ³	2
or EDSP 340G	Exceptional Students GI (2.0)	
EDEC 2500	Child Development Birth to Eight Years ³	3
EDEC 2600	Introduction to Early Childhood Education ⁴	2
EDEC 2610	Child Guidance	3
EDEC 2620	Early Childhood Curriculum	3
EDEC 2630	Literacy and Literature for Early Childhood	3
EDEC 2700	Early Childhood Practicum	3
EDEC 2720	Early Childhood Assessment	2
EDEL 2200	Introduction to Educational Technology	2
Elective Requirements:		2 Credits
Advisor Approval		2

Graduation Requirements:

1. Completion of a minimum of 30 semester credits.
2. Overall grade point average of 2.0 (C) or above. C- grade or higher in all program courses unless otherwise specified.
3. Residency hours -- minimum of 10 credit hours through course attendance at UVU.
4. Completion of GE and specified departmental requirements.
5. First aid/CPR certification, food handler's permit, portfolio review and acceptance by Education Committee.

Footnotes

1. ACT 21+ or ENGH 1005 or ENGL 1010 with a C- grade or higher except for PSY 1100, EDEC 1640, and EDEL 2200
2. This course must be taken before EDEC 2300 and EDEC 2500
3. PSY 1100 is a prerequisite for these courses
4. Must receive a B- grade or higher in this course prior to enrolling in EDEC 2700 and EDEC 2720

Early Care and Education, Certificate of Completion Careers

1. Program graduates identify and conduct themselves as members of the early childhood profession.

2. Program graduates understand that knowledge of child development, child-centered environments and learning experiences, and appropriate assessment are central to the practice of all early childhood professionals.
3. Program graduates use their knowledge of academic disciplines to design, implement, and evaluate experiences that promote positive development and learning for each young child.

Related Careers

- Preschool Teachers, Except Special Education
- Kindergarten Teachers, Except Special Education

Elementary Education, B.S.

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Requirements

The Professional Elementary Teacher Education Program at Utah Valley University is designed to prepare quality, entry level candidates for teaching in elementary education programs grades K-6. Students successfully completing the UVU professional teacher education program graduation and licensure requirements receive a baccalaureate degree in Elementary Education and a Level I Utah Professional Teaching License. To continue in the teacher education program, students are expected to maintain all program standards. They must maintain expected levels of competence in all coursework, field work, and student teaching with all course grades at or above a B- and a program GPA of 3.00 or higher. Additionally, teacher candidates are expected to adhere to standards of personal integrity, responsibility, and citizenship commonly expected of professional educators. The UVU teacher education program is accredited by the Association for Advancing Quality in Educator Preparation (AAQEP), the Utah State Office of Education, and the Northwest Commission on Colleges and Universities.

Total Program Credits: 120

Matriculation Requirements:			
1. Reading and Writing-Complete ENGL 2010 with B- or higher			
2. Mathematics-Complete MATH 1050, 1055 or 2000 with a C or higher			
3. GPA of 3.0 or higher			
4. General Education coursework completed			
5. Completion of Pre-Professional Core Requirements with a B- or higher (Math courses C or higher)			
6. Pass LiveScan Criminal Background Check			
General Education Requirements:			35 Credits
General Education courses: ¹			
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGH 1005	Literacies and Composition Across Contexts CC (5.0)	
	ENGL 2010	Intermediate Academic Writing CC	3
Complete one of the following: ³			3
	MATH 1050	College Algebra QL (4)	
	MATH 1055	College Algebra with Preliminaries QL (5)	
	MATH 2000	Algebraic Reasoning with Modeling QL(3)	
Complete one of the following:			3
	HIST 2700	US History to 1877 AS (3)	

Elementary Education

and	HIST 2710	US History since 1877 AS (3)	
	HIST 1700	American Civilization AS (3)	
	HIST 1740	US Economic History AS (3)	
	POLS 1000	American Heritage SS (3)	
	POLS 1100	American National Government AS (3)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
	HLTH 2900	Health Education for Elementary Teachers	2
Distribution Courses:			
	Biology		3
	Physical Science		3
	Additional Biology or Physical Science		3
	Humanities		3
Complete one of the following:			3
	ART 2100	Teaching Art for Children FF (3)	
or	DANC 2100	Teaching Dance for Children FF (3)	
or	MUSC 2100	Teaching Music for Children FF (3)	
or	THEA 2100	Teaching Theatre For Children FF (3)	
	PSY 1100	Human Development Life Span ³	3
Discipline Core Requirements:			65 Credits
Pre-Professional Core Requirements: ¹			
	EDEL 1010	Introduction to Education ²	2
	EDEL 2200	Introduction to Educational Technology ²	2
	EDEL 2330	Childrens Literature ²	3
	MATH 2010	Mathematics for Elementary Teachers I ³	3
	MATH 2020	Mathematics for Elementary Teachers II ³	3
	PETE 2150	Elementary Physical Education SPARK Method ²	2
Professional Education Core Requirements: ²			
	EDEL 3000	Educational Psychology	3
	EDEL 340G	Exceptional Students GI	2
	EDEL 3100	Kindergarten Classroom	2
	EDEL 325G	Equitable Technology Integration GI	2
	EDEL 330G	Multicultural Education GI	3
	EDEL 3350	Instructional Design and Assessment	3
	EDEL 4200	Elementary Learning Environments I	1
	EDEL 4210	Elementary Learning Environments II	1
	EDEL 4230	Elementary Learning Environments III	1
	EDEL 4240	Elementary Learning Environments IV	1
	EDEL 4400	Elementary Literacy Instruction and Assessment I	3
	EDEL 4410	Elementary Literacy Instruction and Assessment II WE	3

	EDEL 4420	Elementary Language Arts Instruction and Assessment	3
	EDEL 443G	Teaching Methods for English Learners GI WE	3
	EDEL 4510	Elementary Mathematics Instruction and Assessment I	3
	EDEL 4520	Elementary Science Instruction and Assessment	3
	EDEL 4530	Elementary Social Studies Instruction and Assessment	3
	EDEL 4540	Elementary Fine Arts Instruction and Assessment	3
	EDEL 4550	Elementary Mathematics Instruction and Assessment II	3
	EDEL 4620	Differentiation for Academic Diversity	2
	EDEL 4880	Student Teaching--Grades K-6	9
	EDEL 4980	Elementary Education Capstone Seminar	1
	EDEL 4990	Teacher Performance Assessment Project	2
Elective Requirements:			10 Credits
Complete additional credits to meet requirements			10
Recommended elective courses:			
	ART 2100	Teaching Art for Children FF (3)	
	DANC 2100	Teaching Dance for Children FF (3)	
	MUSC 2100	Teaching Music for Children FF (3)	
	THEA 2100	Teaching Theatre For Children FF (3)	
	SLSS 120R	Testing Strategies for Educators (1)	

Graduation Requirements:

1. Completion of a minimum of 120 semester credits.
2. Overall grade point average of 3.0 or above.
3. Residency hours -- minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
4. Completion of GE and specified departmental requirements.
5. Successful completion of at least one Global/Intercultural course.
6. Successful completion of at least two Writing Enriched courses.

NOTE: Application forms are available at the beginning of each Spring semester, must be completed by March 1st, and can be obtained in the Education Department, 801-863-8527.

Footnotes

1. Students must complete all Pre-Professional and General Education courses with an overall GPA of 3.0 before they are formally admitted into the Teacher Preparation Program.
2. Must be completed with a grade of B- or higher.
3. Course requires a C grade or higher

Elementary Education, B.S.

Careers

1. Design and implement effective instructional practices.
2. Create safe and productive learning environments.
3. Apply knowledge of developmental patterns to instructional design and assessment.

Related Careers

- Elementary School Teachers, Except Special Education

Emergency Services

DEPARTMENT CHAIR

FISHER, John *Professor*

FACULTY

ALLRED, Steven *Associate Professor*

BERGE, Nichole *Lecturer*

BROOME, Rodger *Associate Professor*

BYRNES, Andrew *Professor*

FISHER, John *Professor*

HOLLEY, Steve *Assistant Professor*

LINDQUIST, Chris *Assistant Professor*

MAXFIELD, Jeff *Professor*

MCCARTHY, Kevin P. *Assistant Professor*

MCENTIRE, David *Professor*

MITTELMAN, Margaret A. *Professor*

NOLL, Gary B. *Professor*

RUSSELL, Eric James *Associate Professor*

Degrees & Programs

Emergency Services - Fire Officer Emphasis, A.A.S.

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Requirements

Our degree provides our students with the knowledge, skills, and abilities to assist them in obtaining a job in Emergency Services, or if already employed, to give them the knowledge, skills, and abilities to advance in their careers.

Total Program Credits: 63

General Education Requirements:		16 Credits
	ENGL 1010 Introduction to Academic Writing CC	3
or	ENGL 1005 Literacies and Composition Across Contexts CC (5)	
Complete one of the following:		3
	ESFO 1350 Fire Protection Hydraulics and Water Supply (3)	
	MAT 1010 Intermediate Algebra (4)	
	MAT 1015 Intermediate Algebra with Integrated Review (5)	
	Any approved Humanities, Fine Arts, or Foreign Language Distribution Course (COMM 1020 and COMM 1025 Recommended)	3
	Any approved Behavioral Science, Social, or Political Science Distribution Course (PSY 1010 or SOC 1010 Recommended)	3
	Any approved Biology or Physical Science Distribution Course	3
	Any approved Physical Education, Health, Safety or Environment Course (EXSC 1097 recommended)	1
Discipline Core Requirements:		16 Credits

	ESFF 1000	Introduction to Emergency Services	4
	ESFF 2100	Servant-Leadership for the Emergency Services	3
Complete one of the following:			9
	ESEC 1140	Emergency Medical Technician Basic	
	ESEC 114A	Emergency Medical Technician-Part I	
and	ESEC 114B	and Emergency Medical Technician-Part II	
and	ESEC 114C	and Emergency Medical Technician-Part III (9)	
Emphasis Requirements:			15 Credits
Choose 15 credits from the following:			15
	ESFO 1100	Fire Behavior and Combustion (3)	
	ESFO 1110	Fire Prevention (3)	
	ESFF 1120	Principles of Fire and Emergency Services Safety and Survival (3)	
	ESFO 1350	Fire Protection Hydraulics and Water Supply (3)	
	ESFO 2030	Fire Inspector I (3)	
	ESFO 2050	Fire Protection and Detection Systems (3)	
	ESFO 2080	Building Construction for the Fire Services (3)	
	ESFO 2100	Fire Officer I Supervision and Leadership (3)	
	ESFO 2310	Fire Investigator I (3)	
Emphasis Elective Requirements:			16 Credits
	Any Emergency Services or related advisor approved courses		16

Graduation Requirements:

1. Completion of a minimum of 63 semester credits.
2. Overall grade point average of 2.0 (C) or above.
3. Residency hours -- minimum of 20 credit hours through course attendance at UVU.
4. Completion of GE and specified departmental requirements.

Emergency Services - Fire Officer Emphasis, A.A.S. Careers

1. Students will demonstrate knowledge, skills and procedures to perform satisfactorily in their areas of study.
2. Students will demonstrate knowledge, skills and procedures to perform satisfactorily in their areas of study.

Related Careers

- Firefighters
- Fire Inspectors and Investigators
- Forest Fire Inspectors and Prevention Specialists
- Forest Fire Inspectors and Prevention Specialists

Emergency Services - Firefighter/Emergency Care Emphasis, A.A.S.

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Requirements

Our degree provides our students with the knowledge, skills, and abilities to assist them in obtaining a job in Emergency Services, or if already employed, to give them the knowledge, skills, and abilities to advance in their careers.

Total Program Credits: 63

General Education Requirements:		16 Credits
	ENGL 1010 Introduction to Academic Writing CC	3
or	ENGL 1005 Literacies and Composition Across Contexts CC (5.0)	
	ESFO 1350 Fire Protection Hydraulics and Water Supply (3.0)	3
or	MAT 1010 Intermediate Algebra (4.0)	
or	MAT 1000 Integrated Beginning and Intermediate Algebra (5.0)	
	Any approved Humanities, Fine Arts, or Foreign Language Distribution Course (COMM 1020 and COMM 1025 Recommended)	3
	Any approved Behavioral Science, Social, or Political Science Distribution Course (PSY 1010 or SOC 1010 Recommended)	3
	Any approved Biology or Physical Science Distribution Course	3
	Any approved Physical Education, Health, Safety or Environment Course (EXSC1097 recommended)	1
Discipline Core Requirements:		16 Credits
	ESFF 1000 Introduction to Emergency Services	4
	ESFF 2100 Servant-Leadership for the Emergency Services	3
	ESEC 1140 Emergency Medical Technician--Basic (9.0)	9
or	ESEC 114A Emergency Medical Technician-Part I (3.0)	
and	ESEC 114B Emergency Medical Technician-Part II (4.0)	
and	ESEC 114C Emergency Medical Technician-Part III (2.0)	
Emphasis Requirements:		31 Credits
	Any ESEC, ESMG, ES, ESFO, ESFF, ESAF, CJ, NSS, FSCI, MILS, courses	31

Graduation Requirements:

1. Completion of a minimum of 63 semester credits.
2. Overall grade point average of 2.0 (C) or above.
3. Residency hours -- minimum of 20 credit hours through course attendance at UVU.
4. Completion of GE and specified departmental requirements.

Emergency Services - Firefighter/Emergency Care Emphasis, A.A.S.

Careers

1. Students will demonstrate knowledge, skills and procedures to perform satisfactorily in their area of study.

Related Careers

- Firefighters

- Fire Inspectors and Investigators
- Forest Fire Inspectors and Prevention Specialists
- Forest Fire Inspectors and Prevention Specialists

Emergency Services, A.S.

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Requirements

Our degree provides our students with the knowledge, skills, and abilities to assist them in obtaining a job in Emergency Services, or if already employed, to give them the knowledge, skills, and abilities to advance in their careers.

Total Program Credits: 60

General Education Requirements:		35 Credits
Complete the following:		
	ENGL 1010 Introduction to Academic Writing CC	3
or	ENGL 1005 Literacies and Composition Across Contexts CC	
	ENGL 2010 Intermediate Academic Writing CC	3
Complete one of the following:		3
	MAT 1030 Quantitative Reasoning QL (3) (recommended for Humanities or Arts majors)	
	MAT 1035 Quantitative Reasoning with Integrated Algebra QL	
	STAT 1040 Introduction to Statistics QL (3) (recommended for Social Science majors)	
	STAT 1045 Introduction to Statistics with Algebra QL (5)	
	MATH 1050 College Algebra QL (4) (recommended for Business, Education, Science, and Health Professions majors)	
	MATH 1055 College Algebra with Preliminaries QL (5)	
	MATH 1090 College Algebra for Business QL (3) (recommended for Business majors)	
Complete one of the following:		3
	HIST 2700 US History to 1877 AS (3)	
and	HIST 2710 US History since 1877 AS (6)	
	HIST 1700 American Civilization AS (3)	
	HIST 1740 US Economic History AS (3)	
	POLS 1000 American Heritage SS (3)	
	POLS 1100 American National Government AS (3)	
Complete the following:		
	PHIL 2050 Ethics and Values IH	3
	HLTH 1100 Personal Health and Wellness TE (2)	
or	EXSC 1097 Fitness for Life TE	2
Distribution Courses:		
	Biology	3
	Physical Science	3

Emergency Services

	Additional Biology or Physical Science	3
	Humanities Distribution	3
	Fine Arts Distribution	3
	Social/Behavioral Science	3
Discipline Core Requirements:		25 Credits
	ESFF 1000 Introduction to Emergency Services ^{or} sufficient emergency services work experience	4
Complete one of the following:		
	ESFF 2100 Servant-Leadership for the Emergency Services	3
	Any Emergency Services advisor approved courses	18

Graduation Requirements:

1. Completion of a minimum of 60 semester credits.
2. Overall grade point average of 2.0 (C) or above.
3. Residency hours--minimum of 20 credit hours through course attendance at UVU.
4. Completion of GE and specified departmental requirements.

Emergency Services, A.S.

Careers

1. Students will demonstrate familiarity with the major concepts, theoretical perspectives, empirical findings, and historical trends in emergency administration.
2. Students will pursue a bachelor's degree after completion of associate's degree.

Related Careers

- Firefighters
- Fire Inspectors and Investigators
- Forest Fire Inspectors and Prevention Specialists
- Forest Fire Inspectors and Prevention Specialists

Wildland Fire Management, A.A.S.

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Requirements

Our degree provides our students with the knowledge, skills, and abilities to assist them in obtaining a job in Wildland Firefighting, or if already employed, to give them the knowledge, skills, and abilities to advance in their careers.

Total Program Credits: 63

General Education Requirements:		16 Credits
	ENGL 1010 Introduction to Academic Writing CC	3
or	ENGH 1005 Literacies and Composition Across Contexts CC	
	ESFO 1350 Fire Protection Hydraulics and Water Supply (3)	3
or	MAT 1010 Intermediate Algebra (4)	
or	MAT 1015 Intermediate Algebra with Integrated Review (5)	
	Any approved Humanities, Fine Arts, or Foreign Language Distribution Course	3

	Any approved Behavioral Science, Social, or Political Science Distribution Course	3
	Any approved Biology or Physical Science Distribution Course	3
	Any approved Physical Education, Health, Safety or Environment Course	1
Discipline Core Requirements:		6 Credits
	ESWF 1310 S131 Wildland Firefighter Type I	0.5
	ESWF 1330 Look Up Look Down Look Around	0.5
	ESWF 1400 Wildland Firefighting Fundamentals	4
	ESWF 2010 Basic Incident Command System for Initial Response	1
Elective Requirements:		41 Credits
	Choose 12 credits from the following course list.	12
	ESWF 1410 Wildland Firefighter Internship I (5)	
	ESWF 1420 Wildland Firefighter Internship II (5)	
	ESWF 2000 S200 Initial Attack Incident Commander Type IV (1)	
	ESWF 2110 S211 Portable Pumps and Water Use (1.5)	
	ESWF 2150 S215 Fire Operations in the Wildland Urban Interface (2)	
	ESWF 2212 S212 Chain Saw Use in Wildland Fire Operations (2)	
	ESWF 2231 S231 Wildland Fire Engine Boss (1)	
	ESWF 2236 S236 Heavy Equipment Boss (2)	
	ESWF 2301 S230 Crew Boss Single Resource (2)	
	ESWF 2244 S244 Field Observer (2)	
	ESWF 2261 S261 Applied Interagency Incident Business Management (1)	
	ESWF 2340 Firing Operations (2)	
	ESWF 2430 Wildland Firefighter Internship III (5)	
	ESWF 2600 S260 Interagency Incident Business Management (1)	
	ESWF 2700 S270 Basic Air Operations (1)	
	ESWF 2800 L280 Followership to Leadership (1)	
	ESWF 2900 S290 Intermediate Wildland Fire Behavior (2)	
	Choose Any ESWF, ESMG, ESEC, or ESFF courses	29

Graduation Requirements:

1. Completion of a minimum of 63 semester credits.
2. Overall grade point average of 2.0 (C) or above.
3. Completion of all core and elective courses with a C- grade or higher.
4. Residency hours -- minimum of 20 credit hours earned through course attendance at UVU.
5. Completion of GE and specified departmental requirements.

Wildland Fire Management, A.A.S.

Careers

1. Recognize measures that minimize fire-related threats to life and property.
2. Recognize the differences between the Single Resource Boss and Incident Commander.

3. Recognize the need to apply the Incident Command System (ICS) in various situations.
4. Discernment of proper communication with crews in pre-incident conditions and needs, current fire situations, and post incident debriefs.
5. Understanding of the tasks of an Ignition Specialist Type II and Single Resource Boss.
6. Awareness of the knowledge and skills to perform the tasks of the positions in the Incident Command System (ICS).

Related Careers

- Firefighters
- Fire Inspectors and Investigators
- Forest Fire Inspectors and Prevention Specialists
- Forest Fire Inspectors and Prevention Specialists

Firefighter Recruit Candidate, Certificate of Completion

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Requirements

Our degree provides our students with the knowledge, skills, and abilities to assist them in obtaining a job in Emergency Services, or if already employed, to give them the knowledge, skills, and abilities to advance in their careers.

Total Program Credits: 32

Matriculation Requirements:			
		1. Must be admitted to UVU	
		2. Complete pre-requisites of ESFF 1000 and ESFF 1120 with a grade of C- or higher	
		3. Be NREMT certified or complete an EMT course through UVU or another recognized agency/institution	
		4. Demonstrate competency in English and Math (by one of the following: ACT, SAT, High School Transcript, College Level courses, degrees, and/or RCA entrance exam.)	
		5. Be at least 18 years of age before class starts	
		6. Have any valid form of Government Issue Photo Identification (Driver's license, State ID or Passport)	
		7. Complete online application found at www.uvu.edu/es/rca	
Discipline Core Requirements:			32 Credits
Complete the following:			
	ESFF 1120	Principles of Fire and Emergency Services Safety and Survival	3
	ESFF 250A	Firefighter Recruit Candidate Academy I	8
	ESFF 250B	Firefighter Recruit Candidate Academy II	8
	ESEC 1140	Emergency Medical Technician Basic	9
	ESFF 1000	Introduction to Emergency Services	4

Graduation Requirements:

1. Overall grade point average of 2.0 (C) or above, with completion of each Emergency Services class with a C- or higher.
2. Completion of a minimum of 32 credits.
3. Residency hours -- Minimum of 10 credits required through course attendance at UVU.

Note: CERTIFICATION: Upon completion of courses for the Basic Recruit Certificate, students are eligible to apply for certification at

the Firefighter I, Firefighter II, Hazardous Materials First Responder-Awareness and Hazardous Materials First Responder-Operations levels through the Utah Fire Science Certification System. Students are also eligible for certification at the Emergency Medical Technician-Basic level through the Utah Bureau of Emergency Medical Services.

Firefighter Recruit Candidate, Certificate of Completion Careers

1. The student will demonstrate essential job performance functions to successfully accomplish State Firefighter and Hazmat Certification skills requirements.
2. The student will analyze, organize, and interpret the vast amount of information necessary to successfully accomplish State Firefighter and Hazmat Certification written examination requirements.
3. The student will demonstrate appropriate interpersonal and team related skills necessary to be successful as a team member of a response organization.
4. The student will demonstrate the necessary skills and attitudes to prepare for a career in the Fire Service academically, physically and practically.
5. The student will train in a disciplined, stressful, realistic, and team-oriented environment, where they will develop the skills used on the fireground and in the firehouse.
6. The student will learn to apply the principles of personal responsibility related to taking ownership of their own performance as well as the performance of the team.
7. The student will define the meaning of success or failure as a team.

Related Careers

- Firefighters
- Fire Inspectors and Investigators
- Forest Fire Inspectors and Prevention Specialists
- Forest Fire Inspectors and Prevention Specialists

Paramedic, Certificate of Completion

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Requirements

Our degree provides our students with the knowledge, skills and abilities to assist them in obtaining a job in Emergency Services, or if already employed, to give them the knowledge, skills and abilities to advance in their careers.

Total Program Credits: 31

Matriculation Requirements:	
1.	Complete Anatomy and Physiology (transfer credit accepted) with a grade of C or higher: ZOOL 1090 (requires BIOL 1010 as a pre-req) or ZOOL 2320 and 2420 with labs (requires BIOL 1610 and CHEM 1110 as pre-req).
2.	Meet the English requirement: Completion of ENGL 1010 or ENGL 1005 with a grade of C or higher, (Completion of ENGL 2010 highly recommended).
3.	Meet the Math requirement: Completion of MAT 1000 or higher with a grade of C or higher. (Completion of QL Requirement highly recommended).
4.	Possess a current Utah EMT certification (Must remain valid throughout program and until you receive your paramedic license).
5.	Have current CPR certification.

Emergency Services

- Successful completion of criminal background requirements (UVU and State of Utah Bureau of Emergency Medical Services).
- Be at least 18 years old and have a valid driver's license.
- Have current vaccinations as required by Utah Bureau of EMS. (Additional vaccinations may be required for clinical site internships)
- Have current TB test results as required by Utah Bureau of EMS.
- Obtain a current physical examination supporting entrance into the Paramedic Program.
- Complete UVU paramedic application process, including written testing, oral interview, passing of background and drug screening, and be accepted to the program.

Discipline Core Requirements:		31 Credits
ESEC 3210	Paramedic I-Operations	3
ESEC 3220	Paramedic II-Cardiac and Respiratory Patient Care	3
ESEC 3225	Paramedic II Lab-Cardiac and Respiratory Emergencies	1
ESEC 3230	Paramedic III-Trauma Patient Care	3
ESEC 3235	Paramedic III Lab-Trauma Emergencies	1
ESEC 3240	Paramedic IV-Medical and Geriatric Patient Care	3
ESEC 3245	Paramedic IV Lab-Medical Emergencies	1
ESEC 3250	Paramedic V-Obstetric and Pediatric Patient Care	3
ESEC 3255	Paramedic V Lab-Obstetric and Pediatric Emergencies	1
ESEC 4210	Paramedic VI-Research	2
ESEC 4220	Paramedic VII-Clinical Internship Hospital and Field Phase I and II	4
ESEC 4230	Paramedic VIII-Practical Preparation and Testing	3
ESEC 4240	Paramedic Capstone	3

Graduation Requirements:

- Overall grade point average of 2.0 or above. (Departments may require a higher GPA)
- Program GPA of 2.7 or higher, with all program required course grades earned as a C or higher.
- Completion of a minimum of 31 credits.
- Residency hours -- Minimum of 10 credits required through course attendance at UVU.
- Upon completion of the program requirements and recommendations from the Medical Director, Program Director and Utah Bureau of Emergency Services Course Coordinator, students are eligible to apply for Paramedic Licensure through the Utah Bureau of Emergency Medical Services after completing certification testing requirements through the National Registry of EMTs.

Homeland Security, Minor

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Requirements

The Minor in Homeland Security is an interdisciplinary learning opportunity for fostering the knowledge, skills, and abilities associated with public and private positions relating to homeland security. The program is structured for students across different academic disciplines desiring a richer understanding, as well as an academic credential, specific to homeland security. The purpose of the minor is to broaden the learner's understanding of homeland security so as to complement their chosen field of study such as criminal justice, emergency management, emergency services, and national security studies or take a combination of classes in any or all of the four areas. Those choosing to pursue this minor will grow in their critical thinking and decision-making skillset. In addition, the program hones the learner's ability to communicate through the written word, function and produce deliverables within a virtual/remote environment, discover pertinent usable intelligence within large amounts of data, and gist information for building succinct briefings..

Total Program Credits: 18

Matriculation Requirements:		
1. Admitted to a bachelor degree program at UVU.		
Core Requirements:		6 Credits
ESMG 310G	Introduction to Homeland Security GI	3
ESMG 3710	Comparative Approaches to Homeland Security	3
Choose four (4) courses from the following electives: (at least 3 credits must be upper-division)		12
CJ 1010	Introduction to Criminal Justice SS	
CJ 2110	Security Management and Loss Prevention	
CJ 3340	Terrorism and the Criminal Justice System	
CJ 3400	Drugs and Crime	
ES 1150	Introduction to Emergency and Disaster Management SS	
ES 2130	Terrorism and the Emergency Services	
ESMG 3400	Critical Infrastructure Protection	
ESMG 4150	Humanitarian Services and Disaster Relief	
ESMG 4200	Public Information and Disasters	
ESMG 425G	Humanitarian Management	

		and Operations GI	
	ESMG 4550	Emergency Preparedness and Disaster Response	
	NSS 2010	Introduction to National Security WE	
	NSS 3050	US Intelligence Community	
	NSS 4300	Intelligence Cycle and Collections	
	NSS 4400	Statecraft and Strategy	

Homeland Security, Minor Careers

1. Students will demonstrate familiarity with the major concepts, theoretical perspectives, empirical findings, and historical trends in homeland security. (Applies to ELO #1 Discipline-appropriate experiences and ELO #4 Professional competence.)
2. Students will use critical and creative thinking, skeptical inquiry, and problem solving in making ethical and good decisions in the fields of homeland security. (Applies to ELO #2 Intellectual and practical skills and ELO #3 Ethical reasoning and understanding.)
3. Students will recognize, understand, and respect the complexity of socio-cultural and international diversity and apply this knowledge to homeland security. (Applies to ELO #5 Stewardship of local, national and global communities and ELO #6 Knowledge of human cultures and the physical and natural.)

Related Careers

- Emergency Management Directors
- Managers, All Other

Emergency Services Administration - Emergency Care Emphasis, B.S.

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Requirements

A degree in emergency services prepares practicing and future emergency service professionals through a program that balances technical skills, critical and ethical thinking, leadership, and effective communication. The department's programs address multiple emergency service educational needs, from professional certifications to degrees.

Total Program Credits: 120

General Education Requirements:			35 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGL 1005	Literacies and Composition Across Contexts CC (5)	
	ENGL 2010	Intermediate Academic Writing CC	3
Complete one of the following:			3

	MAT 1030	Quantitative Reasoning QL (3)	
	MAT 1035	Quantitative Reasoning with Integrated Algebra QL (6)	
	STAT 1040	Introduction to Statistics QL (3)	
	STAT 1045	Introduction to Statistics with Algebra QL (5)	
	MATH 1050	College Algebra QL (4)	
	MATH 1055	College Algebra with Preliminaries QL (5)	
	MATH 1090	College Algebra for Business QL (3)	
Complete one of the following:			3
	HIST 1700	American Civilization AS (3)	
	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	
	HIST 1740	US Economic History AS (3)	
	POLS 1000	American Heritage SS (3)	
	POLS 1100	American National Government AS (3)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
	HLTH 1100	Personal Health and Wellness TE (2)	
or	EXSC 1097	Fitness for Life TE	2
Distribution Courses:			
	Biology		3
	Physical Science		3
	Additional Biology or Physical Science		3
	Humanities		3
	Fine Arts		3
	Social/Behavioral Science (ES 1150 Community Emergency Preparedness recommended)		3
Discipline Core Requirements:			18 Credits
	ESFF 2100	Servant-Leadership for the Emergency Services	3
	ESMG 310G	Introduction to Homeland Security GI	3
	ESMG 3150	Principles of Management for the Emergency Services WE	3
	ESMG 3600	Psychology of Emergency Services	3
	ESMG 4600	Public Administration for the Emergency Services	3
	ESMG 4650	Emergency Services Capstone WE	3
Elective Requirements:			36 Credits
	Any ESEC, ESGM, ES, ESFO, ESFF, ESAF, CJ, NSS, FSCI, MILS courses		12
	Any courses 1000 or higher		24
Emphasis Requirements:			31 Credits
Choose one of the following two options for 31 credits:			31
Must be accepted into Paramedic Certificate Program to take the following courses: ¹			
	ESEC 3210	Paramedic I-Operations (3)	
	ESEC 3220	Paramedic II-Cardiac and Respiratory Patient Care (3)	

Emergency Services

ESEC 3225	Paramedic II Lab-Cardiac and Respiratory Emergencies (1)	
ESEC 3230	Paramedic III-Trauma Patient Care (3)	
ESEC 3235	Paramedic III Lab-Trauma Emergencies (1)	
ESEC 3240	Paramedic IV-Medical and Geriatric Patient Care (3)	
ESEC 3245	Paramedic IV Lab-Medical Emergencies (1)	
ESEC 3250	Paramedic V-Obstetric and Pediatric Patient Care (3)	
ESEC 3255	Paramedic V Lab-Obstetric and Pediatric Emergencies (1)	
ESEC 4210	Paramedic VI-Research (2)	
ESEC 4220	Paramedic VII-Clinical Internship Hospital and Field Phase I and II (4)	
ESEC 4230	Paramedic VIII-Practical Preparation and Testing (3)	
ESEC 4240	Paramedic Capstone (3)	
Paramedic transfer credit and certification must be accepted for this option:		
ESMG 481R	Emergency Services Internship (1-8) ²	
ESMG 491R	Topics in Cardiology and Medical Trends (1-3) ³	
ESMG 492R	Topics in Trauma and Pharmacology (1-3) ⁴	
ESMG 493R	Topics in Medical Litigation (1-4) ⁵	

Graduation Requirements:

1. Completion of a minimum of 120 semester credits.
2. Overall grade point average of 2.0 (C) or above, with completion of each Emergency Services class with a "C-" or higher.
3. Residency hours -- minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
4. Completion of GE and specified departmental requirements.
5. Successful completion of at least one Global/Intercultural course.

Footnotes:

1 - Consult current Paramedic Program Standards & Guidelines for GPA requirements to be recommended for National Registry Paramedic certification testing.

2-Repeatable for a maximum of 15 credits.

3-Repeatable for a maximum of 6 credits.

4-Repeatable for a maximum of 6 credits.

5-Repeatable for a maximum of 4 credits.

Emergency Services Administration - Emergency Care Emphasis, B.S.

Careers

1. Students will demonstrate familiarity with the major concepts, theoretical perspectives, empirical findings, and historical trends in emergency administration.
2. Students use critical and creative thinking, skeptical inquiry, and problem solving in making ethical and good decisions
3. Students will be able to communicate effectively orally and in writing.

4. Students will recognize, understand, and respect the complexity of socio-cultural and international diversity.

Related Careers

- Firefighters
- Fire Inspectors and Investigators
- Forest Fire Inspectors and Prevention Specialists
- Forest Fire Inspectors and Prevention Specialists

Emergency Services Administration - Emergency Leadership Emphasis, B.S.

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Requirements

A degree in emergency services prepares practicing and future emergency service professionals through a program that balances technical skills, critical and ethical thinking, leadership, and effective communication. The department's programs address multiple emergency service educational needs, from professional certifications to degrees.

Total Program Credits: 120

General Education Requirements:			35 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGH 1005	Literacies and Composition Across Contexts CC (5)	
	ENGL 2010	Intermediate Academic Writing CC	3
Complete one of the following:			3
	MAT 1030	Quantitative Reasoning QL (3)	
	MAT 1035	Quantitative Reasoning with Integrated Algebra QL (6)	
	STAT 1040	Introduction to Statistics QL (3)	
	STAT 1045	Introduction to Statistics with Algebra QL (5)	
	MATH 1050	College Algebra QL (4)	
	MATH 1055	College Algebra with Preliminaries QL (5)	
	MATH 1090	College Algebra for Business QL (3)	
Complete one of the following:			3
	HIST 1700	American Civilization AS (3)	
	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	
	HIST 1740	US Economic History AS (3)	
	POLS 1000	American Heritage SS (3)	
	POLS 1100	American National Government AS (3)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
	HLTH 1100	Personal Health and Wellness TE (2)	
or	EXSC 1097	Fitness for Life TE	2
Distribution Courses:			
	Biology		3
	Physical Science		3

	Additional Biology or Physical Science	3
	Humanities	3
	Fine Arts	3
	Social/Behavioral Science (ES 1150 Community Emergency Preparedness recommended)	3
Discipline Core Requirements:		18 Credits
	ESFF 2100 Servant-Leadership for the Emergency Services	3
	ESMG 310G Introduction to Homeland Security GI	3
	ESMG 3150 Principles of Management for the Emergency Services WE	3
	ESMG 3600 Psychology of Emergency Services	3
	ESMG 4600 Public Administration for the Emergency Services	3
	ESMG 4650 Emergency Services Capstone WE	3
Elective Requirements:		36 Credits
Any ESEC, ESGM, ES, ESFO, ESFF, ESAF, CJ, NSS, FSCI, MILS, courses		12
Any courses 1000 or higher		24
Emphasis Requirements:		31 Credits
Complete 25 credits from the following:		25
	ESMG 3200 Health and Safety Program Management (3)	
	ESMG 3250 Managing Emergency Medical Services (3)	
	ESMG 3300 Emergency and Disaster Planning (3)	
	ESMG 3350 Analytical Research Approaches to Public Emergency Services (3)	
	ESMG 4000 Advanced Emergency Services Leadership (4)	
	ESMG 4400 Legal Considerations for the Emergency Services (3)	
	ESMG 445G Human Factors in Emergency Management GI (3)	
	ESMG 4500 Customer Service and Marketing for the Emergency Services (3)	
	ESMG 489R Special Topics in Emergency Management (1-6) ¹	
Any ESEC, ESGM, ES, ESFO, ESFF, ESAF, CJ, NSS, FSCI, MILS courses		6

Graduation Requirements:

1. Completion of a minimum of 120 semester credits.
2. Overall grade point average of 2.0 (C) or above, with completion of each Emergency Services class with a "C-" or higher.
3. Residency hours -- minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
4. Completion of GE and specified departmental requirements.
5. Successful completion of at least one Global/Intercultural course.

Footnote:

1-May be repeated for a maximum of 6 credits

Emergency Services Administration - Emergency Leadership Emphasis, B.S. Careers

1. Students will demonstrate familiarity with the major concepts, theoretical perspectives, empirical findings, and historical trends in emergency administration.
2. Students use critical and creative thinking, skeptical inquiry, and problem solving in making ethical and good decisions.
3. Students will be able to communicate effectively.
4. Students will recognize, understand, and respect the complexity of socio-cultural and international diversity.

Related Careers

- Firefighters
- Fire Inspectors and Investigators
- Forest Fire Inspectors and Prevention Specialists
- Forest Fire Inspectors and Prevention Specialists

Emergency Services Administration - Emergency Management and Disaster Assistance Emphasis, B.S.

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Requirements

The Emergency Management and Disaster Assistance emphasis is designed to meet the needs of students aspiring for a career in emergency management and/or disaster assistance at the local, regional, state, or national level.

Total Program Credits: 120

General Education Requirements:			35 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGH 1005	Literacies and Composition Across Contexts CC (5)	
	ENGL 2010	Intermediate Academic Writing CC	3
Complete one of the following:			3
	MAT 1030	Quantitative Reasoning QL (3)	
	MAT 1035	Quantitative Reasoning with Integrated Algebra QL (6)	
	STAT 1040	Introduction to Statistics QL (3)	
	STAT 1045	Introduction to Statistics with Algebra QL (5)	
	MATH 1050	College Algebra QL (4)	
	MATH 1055	College Algebra with Preliminaries QL (5)	
	MATH 1090	College Algebra for Business QL (3)	
Complete one of the following:			3
	HIST 1700	American Civilization AS (3)	
	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	
	HIST 1740	US Economic History AS (3)	
	POLS 1000	American Heritage SS (3)	
	POLS 1100	American National Government AS (3)	

Emergency Services

Complete the following:			
	PHIL 2050	Ethics and Values IH	3
	HLTH 1100	Personal Health and Wellness TE (2)	
or	EXSC 1097	Fitness for Life TE	2
Distribution Courses:			
	Biology		3
	Physical Science		3
	Additional Biology or Physical Science		3
	Humanities		3
	Fine Arts		3
	Social/Behavioral Science (ES 1150 Community Emergency Preparedness recommended)		3
Discipline Core Requirements:			18 Credits
	ESFF 2100	Servant-Leadership for the Emergency Services	3
	ESMG 310G	Introduction to Homeland Security GI	3
	ESMG 3150	Principles of Management for the Emergency Services WE	3
	ESMG 3600	Psychology of Emergency Services	3
	ESMG 4600	Public Administration for the Emergency Services	3
	ESMG 4650	Emergency Services Capstone WE	3
Elective Requirements:			36 Credits
	Any ESEC, ESGM, ES, ESFO, ESFF, ESAF, CJ, NSS, FSCI, MILS, courses		12
	Any courses 1000 or higher		24
Emphasis Requirements:			31 Credits
Complete 25 credits from the following:			25
	ESMG 3300	Emergency and Disaster Planning (3)	
	ESMG 3400	Critical Infrastructure Protection (3)	
	ESMG 3710	Comparative Approaches to Homeland Security (3)	
	ESMG 4150	Humanitarian Services and Disaster Relief (3)	
	ESMG 4200	Public Information and Disasters (3)	
	ESMG 425G	Humanitarian Management and Operations GI (3)	
	ESMG 4300	Disaster Recovery and Hazard Mitigation (3)	
	ESMG 445G	Human Factors in Emergency Management GI (3)	
	ESMG 4550	Emergency Preparedness and Disaster Response (3)	
	ESMG 481R	Emergency Services Internship (1-6) ¹	
Any ESEC, ESGM, ES, ESFO, ESAF, CJ, NSS, FSCI, MILS courses			6

Graduation Requirements:

1. Completion of a minimum of 120 semester credits.
2. Overall grade point average of 2.0 (C) or above, with completion of each Emergency Services class with a "C-" or higher.

3. Residency hours -- minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
4. Completion of GE and specified departmental requirements.
5. Successful completion of at least one Global/Intercultural course.

Footnote:

¹May be repeated for a maximum of 6 credits

Emergency Services Administration - Emergency Management and Disaster Assistance Emphasis, B.S. Careers

1. Students will demonstrate familiarity with the major concepts, theoretical perspectives, empirical findings, and historical trends in emergency administration.
2. Students use critical and creative thinking, skeptical inquiry, and problem solving in making ethical and good decisions.
3. Students will be able to communicate effectively orally and in writing.
4. Students will recognize, understand, and respect the complexity of socio-cultural and international diversity.

Related Careers

- Firefighters
- Fire Inspectors and Investigators
- Forest Fire Inspectors and Prevention Specialists
- Forest Fire Inspectors and Prevention Specialists

Engineering

DEPARTMENT CHAIR

SHERKAT MASOUM, Mohammad *Associate Professor*

FACULTY

ABDULLAH, Alaa *Visiting Professor*

AMIN, Masood *Associate Professor*

BALLARD, Matthew *Assistant Professor*

BORDELON, Amanda C. *Associate Professor*

COX, James *Associate Professor*

JENSEN, Matthew J. *Assistant Professor*

MANAHILOH, Kalehiwot *Assistant Professor*

MINAIE, Afsaneh *Professor*

NARDIN, Mark *Assistant Professor*

ROHANI, Ehsan *Assistant Professor*

SEIBI, Abdenmour *Professor*

SHAABAN, Khaled *Associate Professor*

SHEIKH, Waseem Ahmad *Associate Professor*

SHEKARAMIZ, Mohammad *Assistant Professor*

SHERKAT MASOUM, Mohammad *Associate Professor*

SHWANI, Mohamed *Lecturer*

STONE, Brett *Lecturer*

TOLMAN, Sean *Associate Professor*

WILLARDSON, Bennington *Assistant Professor*

Degrees & Programs

Associate in Pre-Engineering - Biological and Chemical Engineering Emphasis, A.P.E.

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Requirements

The pre-engineering program at UVU has been created for students who plan to complete the first two to three years of their engineering education at the ABET accredited UVU and then transfer to a baccalaureate university to complete their engineering degree. With adequate planning, pre-engineering coursework completed at UVU will be sufficient for students to remain at UVU or to transfer to all of the Utah universities with baccalaureate engineering degrees. All students who declare pre-engineering as their major are automatically accepted into pre-engineering status. After completion of the pre-engineering program at UVU, the student applies for professional status at UVU or at an institution of the student's choice.

Total Program Credits: 69

General Education Requirements:		28 Credits
	ENGL 1010 Introduction to Academic Writing CC	3
or	ENGL 1005 Literacies and Composition Across Contexts CC (5)	
	ENGL 2010 Intermediate Academic Writing CC	3
Complete the following Natural and Physical Science courses:		
	Biology	3
	CHEM 1210 Principles of Chemistry I PP	4

	CHEM 1215 Principles of Chemistry I Laboratory	1
	PHYS 2210 Physics for Scientists and Engineers I PP	4
	PHYS 2215 Physics for Scientists and Engineers I Lab	1
Complete any combination of the following with no more than 1 course each from Humanities, Fine Arts, and Social/Behavioral Science:		6
	Humanities (from list)	
	Fine Arts (from list)	
	Social/Behavioral Sciences (from list)	
Complete any American Institutions course:		3
	POLS 1000 American Heritage SS (3)	
	HIST 2700 US History to 1877 AS (3)	
and	HIST 2710 US History since 1877 AS (3)	
	HIST 1700 American Civilization AS (3)	
	HIST 1740 US Economic History AS (3)	
	POLS 1100 American National Government AS (3)	
Discipline Core Requirements:		18 Credits
	MATH 1210 Calculus I QL	4
	MATH 1220 Calculus II	4
	ENGR 1030 Engineering Programming	3
or	CS 1400 Fundamentals of Programming (3)	
	PHYS 2220 Physics for Scientists and Engineers II PP	4
	PHYS 2225 Physics for Scientists and Engineers II Lab	1
Emphasis Requirements:		5 Credits
	CHEM 1220 Principles of Chemistry II PP	4
	CHEM 1225 Principles of Chemistry II Laboratory	1
Emphasis Elective Requirements:		20 Credits
Students should carefully select electives from the following list, based on the engineering discipline (Biological or Chemical) they are interested in and the college or university they want to attend to finish their BS degree. See your advisor.		20
	BIOL 1610 College Biology I BB (4)	
	BIOL 1615 College Biology I Laboratory (1)	
	BIOL 1620 College Biology II (3)	
	BIOL 1625 College Biology II Laboratory (1)	
	BIOL 3400 Cell Biology (3)	
	CHEM 2310 Organic Chemistry I (4)	
	CHEM 2315 Organic Chemistry I Laboratory (1)	
	CHEM 2320 Organic Chemistry II (4)	
	CHEM 2325 Organic Chemistry II Laboratory (1)	
	CS 1400 Fundamentals of Programming (3)	
	ECE 1000 Introduction to Electrical and Computer Engineering (3)	
	ENGR 1000 Introduction to Engineering WE (3)	
	ENGR 1020 Survey of Engineering (1)	

Engineering

	ENGR 2160	Introduction to Materials Science and Engineering (3)	
	ENGR 2300	Engineering Thermodynamics (3)	
	ENGR 2450	Computational Methods for Engineering Analysis (3)	
	MATH 2210	Calculus III (4)	
	MATH 2250	Differential Equations and Linear Algebra (4)	
or	MATH 2270	Linear Algebra (3)	
and	MATH 2280	Ordinary Differential Equations (3)	

Graduation Requirements:

1. Completion of a minimum of 69 semester credits.
2. Overall grade point average of 2.0 (C) or above. 2.5 or above in Math, Science, and Engineering
3. Residency hours -- minimum of 20 credit hours through course attendance at UVU.
4. Completion of GE and specified departmental requirements.

Associate in Pre-Engineering - Biological and Chemical Engineering Emphasis, A.P.E. Careers

1. Ability to apply knowledge of mathematics, science, and engineering

Related Careers

- NO MATCH

Associate in Pre-Engineering - Civil and Mechanical Engineering Emphasis, A.P.E.

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Requirements

The pre-engineering program at UVU has been created for students who plan to complete the first two to three years of their engineering education at the ABET accredited UVU, then either continue at UVU or transfer to a baccalaureate university to complete their engineering degree. With adequate planning, pre-engineering coursework completed at UVU will be sufficient for students to remain at UVU or to transfer to all of the Utah universities with baccalaureate engineering degrees. All students who declare pre-engineering as their major are automatically accepted into pre-engineering status. After completion of the pre-engineering program at UVU, the student applies for professional status at UVU or at an institution of the student's choice.

Total Program Credits: 69

General Education Requirements:			28 Credits
or	ENGL 1010	Introduction to Academic Writing CC	3
	ENGH 1005	Literacies and Composition Across Contexts CC (5)	
	ENGL 2010	Intermediate Academic Writing CC	3
Complete the following Natural and Physical Science courses:			
	Biology		3
	CHEM 1210	Principles of Chemistry I PP	4
	CHEM 1215	Principles of Chemistry I Laboratory	1

	PHYS 2210	Physics for Scientists and Engineers I PP	4
	PHYS 2215	Physics for Scientists and Engineers I Lab	1
Complete any combination of the following with no more than 1 course each from Humanities, Fine Arts, and Social/Behavioral Science:			6
	Humanities (from list)		
	Fine Arts (from list)		
	Social/Behavioral Sciences (from list)		
Complete any American Institutions course:			3
	POLS 1000	American Heritage SS (3)	
	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	
	HIST 1700	American Civilization AS (3)	
	HIST 1740	US Economic History AS (3)	
	POLS 1100	American National Government AS (3)	
Discipline Core Requirements:			16 Credits
	MATH 1210	Calculus I QL	4
	MATH 1220	Calculus II	4
	ENGR 1030	Engineering Programming	3
or	CS 1400	Fundamentals of Programming (3)	
	PHYS 2220	Physics for Scientists and Engineers II PP	4
	PHYS 2225	Physics for Scientists and Engineers II Lab	1
Emphasis Requirements:			9 Credits
	ENGR 2010	Engineering Statics	3
	ENGR 2030	Engineering Dynamics	3
	ENGR 2140	Mechanics of Materials	3
or	ENGR 2160	Introduction to Materials Science and Engineering (3)	
or	ENGR 2450	Computational Methods for Engineering Analysis (3)	
Emphasis Elective Requirements:			16 Credits
Students should carefully select electives from the following list, based on the engineering discipline (Civil or Mechanical) they are interested in and the college or university they want to attend to finish their BS degree. See your advisor.			16
	ECE 1000	Introduction to Electrical and Computer Engineering (3)	
	ECE 2210	Fundamentals of Electric Circuit Analysis (3)	
	EGDT 1040	Fundamentals of Technical Engineering Drawing (3)	
	EGDT 1071	3 Dimensional Modeling--Solidworks (3)	
	EGDT 1400	Surveying Applications and Field Techniques I (3)	
	ENGR 1000	Introduction to Engineering WE (3)	
	ENGR 1020	Survey of Engineering (1)	

	ENGR 2140	Mechanics of Materials (3)	
	ENGR 2160	Introduction to Materials Science and Engineering (3)	
	ENGR 2300	Engineering Thermodynamics (3)	
	ENGR 2450	Computational Methods for Engineering Analysis (3)	
	MATH 2210	Calculus III (4)	
	MATH 2250	Differential Equations and Linear Algebra (4)	
or	MATH 2270	Linear Algebra (3)	
and	MATH 2280	Ordinary Differential Equations (3)	

Graduation Requirements:

1. Completion of a minimum of 69 semester credits.
2. Overall grade point average of 2.0 (C) or above. 2.5 or above in Math, Science, and Engineering
3. Residency hours -- minimum of 20 credit hours through course attendance at UVU.
4. Completion of GE and specified departmental requirements.

Associate in Pre-Engineering - Civil and Mechanical Engineering Emphasis, A.P.E.**Careers**

1. Ability to apply knowledge of mathematics, science, and engineering.
2. Know the basic knowledge and fundamental principles of engineering.
3. Be able to apply these principles to solving various engineering problems.
4. Value mathematics, science, and their application in engineering design.

Related Careers

- NO MATCH

Associate in Pre-Engineering - Computer and Electrical Engineering Emphasis, A.P.E.

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Requirements

The pre-engineering program at UVU has been created for students who plan to complete the first two to three years of their engineering education at the ABET accredited UVU, then either continue at UVU or transfer to a baccalaureate university to complete their engineering degree. With adequate planning, pre-engineering coursework completed at UVU will be sufficient for students to remain at UVU or to transfer to all of the Utah universities with baccalaureate engineering degrees. All students who declare pre-engineering as their major are automatically accepted into pre-engineering status. After completion of the pre-engineering program at UVU, the student applies for professional status at UVU or at an institution of the student's choice.

Total Program Credits: 69

General Education Requirements:		28 Credits
	ENGL 1010	Introduction to Academic Writing CC
or	ENGL 1005	Literacies and Composition Across Contexts CC (5)

	ENGL 2010	Intermediate Academic Writing CC	3
Complete the following Natural and Physical Science courses:			
	Biology		3
	CHEM 1210	Principles of Chemistry I PP	4
	CHEM 1215	Principles of Chemistry I Laboratory	1
	PHYS 2210	Physics for Scientists and Engineers I PP	4
	PHYS 2215	Physics for Scientists and Engineers I Lab	1
Complete any combination of the following with no more than 1 course each from Humanities, Fine Arts, and Social/Behavioral Science:			6
	Humanities (from list)		
	Fine Arts (from list)		
	Social/Behavioral Sciences (from list)		
Complete any American Institutions course:			3
	POLS 1000	American Heritage SS (3)	
	HIST 2700	US History to 1877 AS	
and	HIST 2710	US History since 1877 AS (6)	
	HIST 1700	American Civilization AS (3)	
	HIST 1740	US Economic History AS (3)	
	POLS 1100	American National Government AS (3)	
Discipline Core Requirements:			16 Credits
	MATH 1210	Calculus I QL	4
	MATH 1220	Calculus II	4
	ENGR 1030	Engineering Programming	3
or	CS 1400	Fundamentals of Programming (3)	
	PHYS 2220	Physics for Scientists and Engineers II PP	4
	PHYS 2225	Physics for Scientists and Engineers II Lab	1
Emphasis Requirements:			11 Credits
	ECE 1000	Introduction to Electrical and Computer Engineering	3
	ECE 2250	Circuit Theory	3
	ECE 2255	Circuit Theory Lab	1
	ECE 2700	Digital Design I	3
	ECE 2705	Digital Design I Lab	1
Emphasis Elective Requirements:			14 Credits
Students should carefully select electives from the following list (or other advisor approved courses), based on the engineering discipline (Computer or Electrical) they are interested in and the college or university they want to attend to finish their BS degree. See your advisor.			14
	CS 1410	Object-Oriented Programming (3)	
	CS 2300	Discrete Mathematical Structures I (3)	
	CS 2420	Introduction to Algorithms and Data Structures (3)	
	CS 2600	Computer Networks I (3)	

Engineering

	CS 2810	Computer Organization and Architecture (3)	
	ENGR 1000	Introduction to Engineering WE (3)	
	ENGR 2450	Computational Methods for Engineering Analysis (3)	
	ENGR 1020	Survey of Engineering (1)	
	MATH 2210	Calculus III (4)	
	MATH 2250	Differential Equations and Linear Algebra (4)	
or	MATH 2270	Linear Algebra (3)	
and	MATH 2280	Ordinary Differential Equations (3)	

Graduation Requirements:

1. Completion of a minimum of 69 semester credits.
2. Overall grade point average of 2.0 (C) or above. 2.5 or above in Math, Science, and Engineering.
3. Residency hours -- minimum of 20 credit hours through course attendance at UVU.
4. Completion of GE and specified departmental requirements.

Associate in Pre-Engineering - Computer and Electrical Engineering Emphasis, A.P.E.

Careers

1. Ability to apply knowledge of mathematics, science, and engineering.

Related Careers

- NO MATCH

Pre-Engineering, A.S.

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Requirements

The pre-engineering program at UVU has been created for students who plan to complete the first two to three years of their engineering education at the ABET accredited UVU, then either continue at UVU or transfer to a baccalaureate university to complete their engineering degree. With adequate planning, pre-engineering coursework completed at UVU will be sufficient for students to remain at UVU or to transfer to all of the Utah universities with baccalaureate engineering degrees. All students who declare pre-engineering as their major are automatically accepted into pre-engineering status. After completion of the pre-engineering program at UVU, the student applies for professional status at UVU or at an institution of the student's choice.

Total Program Credits: 61

General Education Requirements:		38 Credits
	ENGL 1010	Introduction to Academic Writing CC 3
or	ENGL 1005	Literacies and Composition Across Context CC (5)
	ENGL 2010	Intermediate Academic Writing CC 3
	MATH 1210	Calculus I QL 4
Complete one of the following:		3
	HIST 1700	American Civilization AS (3)
	HIST 2700	US History to 1877 AS (3)

and	HIST 2710	US History since 1877 AS (3)	
	HIST 1740	US Economic History AS (3)	
	POLS 1000	American Heritage SS (3)	
	POLS 1100	American National Government AS (3)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
	HLTH 1100	Personal Health and Wellness TE (2)	
or	EXSC 1097	Fitness for Life TE	2
Distribution Courses:			
	CHEM 1210	Principles of Chemistry I PP	4
	PHYS 2210	Physics for Scientists and Engineers I PP	4
Humanities			3
Fine Arts			3
Social/Behavioral Science			3
Biology			3
Discipline Core Requirements:			24 Credits
	ENGR 1030	Engineering Programming	3
or	CS 1400	Fundamentals of Programming (3)	
	MATH 1220	Calculus II	4
Complete ONE of the following sets of courses:			16
General Engineering Focus:			
	PHYS 2215	Physics for Scientists and Engineers I Lab (1)	
	CHEM 1215	Principles of Chemistry I Laboratory (1)	
	ENGR 1000	Introduction to Engineering WE (3)	
	ENGR 2160	Introduction to Materials Science and Engineering (3)	
	CS 2810	Computer Organization and Architecture (3)	
or	CS 1410	Object Oriented Programming (3)	
Also, complete five credits of Pre-Engineering electives			
Mechanical/Civil Engineering Focus:			
	PHYS 2220	Physics for Scientists and Engineers II PP (4)	
	ENGR 2010	Engineering Statics (3)	
	ENGR 2030	Engineering Dynamics (3)	
	ENGR 2140	Mechanics of Materials (3)	
or	ENGR 2300	Engineering Thermodynamics (3)	
or	ENGR 2450	Computational Methods for Engineering Analysis (3)	
Also, complete three credits of Pre-Engineering electives			
Electrical/Computer Engineering Focus:			
	PHYS 2220	Physics for Scientists and Engineers II PP (4)	
	ECE 1000	Introduction to Electrical and Computer Engineering (3)	

	ECE 2700	Digital Design I (3)	
	ECE 2705	Digital Design I Lab (1)	
Also, complete four credits of Pre-Engineering electives			
Chemical/Biological Engineering Focus:			
	PHYS 2220	Physics for Scientists and Engineers II PP (4)	
	CHEM 1220	Principles of Chemistry II PP (4)	
	CHEM 2310	Organic Chemistry I (4)	
Complete five credits of Pre-Engineering electives			
Elective Requirements:			
Students should carefully select electives based on the engineering discipline they are interested in. See your advisor.			
Math and Science Electives:			
	MATH 1050	College Algebra QL (4)	
	MATH 1060	Trigonometry QL (3)	
	MATH 2210	Calculus III (4)	
	MATH 2250	Differential Equations and Linear Algebra (4)	
or	MATH 2270	Linear Algebra (3)	
and	MATH 2280	Ordinary Differential Equations (3)	
	PHYS 2215	Physics for Scientists and Engineers I Lab (1)	
	PHYS 2225	Physics for Scientists and Engineers II Lab (1)	
	CHEM 1010	Introduction to Chemistry PP (3)	
	CHEM 1215	Principles of Chemistry I Laboratory (1)	
General Engineering Electives:			
	ENGR 1000	Introduction to Engineering WE (3)	
	ENGR 1020	Survey of Engineering (1)	
	ENGR 1030	Engineering Programming(3)	
	ENGR 2140	Mechanics of Materials (3)	
	ENGR 2160	Introduction to Materials Science and Engineering (3)	
	ENGR 2300	Engineering Thermodynamics (3)	
	ENGR 2450	Computational Methods for Engineering Analysis (3)	
CAD Electives:			
	EGDT 1040	Fundamentals of Technical Engineering Drawing (3)	
	EGDT 1071	3 Dimensional Modeling--Solidworks (3)	
	EGDT 1400	Surveying Applications and Field Techniques I (3)	
	EGDT 1200	Mechanical Drafting and Design (3)	
Computer and Electrical Electives:			
	CS 1400	Fundamentals of Programming (3)	
	CS 1410	Object-Oriented Programming (3)	

	CS 2300	Discrete Mathematical Structures I (3)	
	CS 2420	Introduction to Algorithms and Data Structures (3)	
	CS 2600	Computer Networks I (3)	
	CS 2810	Computer Organization and Architecture (3)	
	ECE 1000	Introduction to Electrical and Computer Engineering (3)	
	ECE 2210	Fundamentals of Electric Circuit Analysis (3)	
Biological and Chemical Electives:			
	BIOL 1610	College Biology I BB (4)	
	BIOL 1615	College Biology I Laboratory (1)	
	BIOL 1620	College Biology II (3)	
	BIOL 1625	College Biology II Laboratory (1)	
	BIOL 3400	Cell Biology (3)	
	MICR 2060	Microbiology for Health Professions BB (3)	
	MICR 2065	Microbiology for Health Professions Laboratory (1)	
	CHEM 1220	Principles of Chemistry II PP (4)	
	CHEM 1225	Principles of Chemistry II Laboratory (1)	
	CHEM 2315	Organic Chemistry I Laboratory (1)	
	CHEM 2320	Organic Chemistry II (4)	
	CHEM 2325	Organic Chemistry II Laboratory (1)	

Graduation Requirements:

1. Completion of a minimum of 61 semester credits.
2. Overall grade point average of 2.0 (C) or above. 2.5 or above in Math, Science, and Engineering courses.
3. Residency hours: minimum of 20 credit hours through course attendance at UVU.
4. Completion of GE and specified departmental requirements.

Pre-Engineering, A.S.**Careers**

1. An ability to apply knowledge of mathematics, science, and engineering.
2. An ability to design and conduct experiments, as well as to analyze and interpret data.
3. An ability to design a system, component, or process to meet desired needs within realistic constraints
4. An ability to function on multidisciplinary teams.
5. An ability to identify, formulate, and solve engineering problems.
6. An understanding of professional and ethical responsibility.
7. An ability to communicate effectively.
8. A recognition of the need for, and an ability to engage in life-long learning.
9. A knowledge of contemporary issues.
10. An ability to use the techniques, skills, and modern engineering tools necessary for engineering practice.

Related Careers

- NO MATCH

Civil Engineering, B.S.

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Requirements

Civil engineering is the oldest engineering discipline. The Bachelor of Science in Civil Engineering prepares graduates to apply mathematical and scientific principles to the design and supervision of infrastructure components including: buildings, roads, bridges, dams, tunnels, mass transit systems, and airports. Civil engineers are also involved in environmental studies and the design and supervision of municipal water supplies and sewage systems.

Total Program Credits: 126

Matriculation Requirements:			
<ol style="list-style-type: none"> To be admitted to the BSCE program, a student must complete the foundation courses in Mathematics (MATH 1210, 1220, 2210, 2250); Physics and Chemistry (PHYS 2210, 2215, CHEM 1210, with 1215 and PHYS 2220 with 2225 or CHEM 1220 with 1225); English (ENGL 1010 or ENGL 1005, ENGL 2010); Engineering (ENGR 1000, 2010, 2030, 2140, 2160); Computer Aided Drafting (EGDT 1040), and Surveying Applications and Field Techniques I (EGDT 1400) with a minimum grade of C in these courses. Must complete courses with a grade point average of 2.5 or above. A student not meeting all of the admission requirements, may request in writing, a provisional admission status for a semester from the department. The provisional admission status must be approved by the civil engineering program coordinator. 			
General Education Requirements:			38 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGL 1005	Literacies and Composition Across Contexts CC (5.0)	
	ENGL 2010	Intermediate Academic Writing CC	3
	MATH 1210	Calculus I QL	4
Complete one of the following:			3
	HIST 2700	US History to 1877 AS (3.0)	
and	HIST 2710	US History since 1877 AS (3.0)	
	HIST 1700	American Civilization AS (3.0)	
	HIST 1740	US Economic History AS (3.0)	
	POLS 1000	American Heritage SS (3.0)	
	POLS 1100	American National Government AS (3.0)	
Complete the following:			
	HLTH 1100	Personal Health and Wellness TE	2
or	EXSC 1097	Fitness for Life TE (2.0)	
	PHIL 205G	Ethics and Values IH GI	3
or	PHIL 2050	Ethics and Values IH (3)	
Distribution Courses:			
	Fine Arts		3
	Biology		3
	Humanities (COMM 1020 and recommended)		3
	Social/Behavioral Science (COMM 2110 recommended)		3

	PHYS 2210	Physics for Scientists and Engineers I PP	4
	CHEM 1210	Principles of Chemistry I PP	4
Discipline Core Requirements:			72 Credits
	CHEM 1215	Principles of Chemistry I Laboratory	1
	EGDT 1040	Fundamentals of Technical Engineering Drawing	3
	EGDT 1400	Surveying Applications and Field Techniques I	3
	ENGR 1000	Introduction to Engineering WE	3
	ENGR 2010	Engineering Statics	3
	ENGR 2030	Engineering Dynamics	3
	ENGR 2140	Mechanics of Materials	3
	ENGR 2160	Introduction to Materials Science and Engineering	3
	MATH 1220	Calculus II	4
	MATH 2210	Calculus III	4
	MATH 2250	Differential Equations and Linear Algebra	4
	CIVE 2130	Engineering Economics and Statistics	3
	CIVE 2450	Numerical Methods with Excel and VBA	3
or	ENGR 2450	Computational Methods for Engineering Analysis	
	CIVE 3010	Introduction to Transportation Engineering	3
	CIVE 3130	Introduction to Structural Engineering	3
	CIVE 3210	Introduction to Geotechnical Engineering	3
	ME 3310	Fluid Mechanics	3
	CIVE 3320	Introduction to Water Resources	3
	CIVE 3335	Hydrology and Hydraulics Lab WE	2
	CIVE 4135	Civil Engineering Materials Lab WE	2
	CIVE 4510	Civil Engineering Seminar	1
	CIVE 4810	Civil Engineering Capstone I	3
	CIVE 4820	Civil Engineering Capstone II	3
	PHYS 2215	Physics for Scientists and Engineers I Lab	1
	PHYS 2220	Physics for Scientists and Engineers II PP	4
or	CHEM 1220	Principles of Chemistry II PP (4)	
	PHYS 2225	Physics for Scientists and Engineers II Lab	1
or	CHEM 1225	Principles of Chemistry II Laboratory (1)	
Elective Requirements:			15 Credits
Elective Courses (15 credit hours are required; two courses may be taken from Technical Elective list; at least six credit hours must be at 4000 level)			15
CIVE Elective Courses			
	CIVE 3140	Structural Steel Design I (3)	
	CIVE 3150	Reinforced Concrete Design I (3)	

	CIVE 3610	Environmental Engineering (3)	
	CIVE 4010	Traffic Engineering (3)	
	CIVE 4020	Highway Design (3)	
	CIVE 4210	Foundation Design (3)	
	CIVE 4220	Ground Improvement Methods (3)	
	CIVE 4310	Storm Water Management (3)	
	CIVE 4320	Open Channel Flow (3)	
	ME 4420	Finite Element Methods (3)	
	CIVE 4610	Water and Wastewater (3)	
	CIVE 490R	Advanced Current Topics in Civil Engineering (1-3)	
Technical Elective Courses			
	CIVE 481R	Internship (1-3)	
	CMGT 2025	Heavy Civil Plans and Specifications (3)	
	CMGT 2060	Construction Job Site Management (3)	
	CMGT 2080	Principles of Construction Scheduling (3)	
	CMGT 3030	Principles of Construction Estimating (3)	
	CMGT 3050	Construction Equipment/Planning and Logistics (3)	
	CMGT 3160	Building Information Modeling (3)	
	CMGT 4010	Construction Contracts (3)	
	CMGT 4020	Construction Project Management (3)	
	CMGT 405G	Global Sustainability and the Built Environment GI WE(3)	
	LEGL 3000	Business Law (3)	
	ENVT 3280	Environmental Law (3)	
	ENVT 3290	Environmental Reporting WE (3)	
	ENVT 3330	Water Resources Management (3)	
	ENVT 3850	Environmental Policy WE (3)	
	GEO 3000	Environmental Geochemistry (3)	
Students may also take upper level computer, electrical, and mechanical engineering classes as technical electives in consultation with their faculty advisors and approval of the department offering the courses.			

Graduation Requirements:

1. Completion of a minimum of 125 semester credits, with a minimum of 40 upper-division credits.
2. Overall grade point average of 2.5 or above, with a minimum grade of C in all discipline core and elective requirements.
3. Residency hours - minimum of 30 credit hours through course attendance at UVU. Ten of these hours must be within the last 45 hours earned. At least 12 of the credit hours earned in residence must be in approved CIVE courses.
4. All transfer credits must be approved in writing by UVU and the civil engineering program coordinator.
5. No more than 80 semester hours and no more than 20 hours in CIVE courses of transfer credit.
6. No more than 6 semester hours may be earned through independent study.
7. Successful completion of at least one Global/Intercultural course.

8. Have taken the NCEES Fundamentals of Engineering Exam.

Civil Engineering, B.S.**Careers**

1. An ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.
2. An ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.
3. An ability to communicate effectively with a range of audiences.
4. An ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.
5. An ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.
6. An ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.
7. An ability to acquire and apply new knowledge as needed, using appropriate learning strategies.

Related Careers

- Architectural and Engineering Managers
- Chemical Engineers
- Engineering Teachers, Postsecondary

Computer Engineering, B.S.

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Requirements

Computer Engineering encompasses the science and technology of design, construction, implementation, testing, and maintenance of integrated software and hardware components of modern computing systems and computer-controlled equipment (cell phones, video games, laptops).

Total Program Credits: 124

Matriculation Requirements:	
To be admitted to the BSCE program a student must complete the following courses with a minimum grade of C in these courses and a grade point average of 2.5 or above. A student not meeting all of the admission requirements, may request in writing, a provisional admission status for a semester from the department. The provisional admission status must be approved by the computer engineering program coordinator.	
<ul style="list-style-type: none"> • MATH 1210 Calculus I QL (4) • MATH 1220 Calculus II (4) • PHYS 2210 Physics for Scientists and Engineers I PP (4) • PHYS 2215 Physics for Scientists and Engineers I Lab (1) • PHYS 2220 Physics for Scientists and Engineers II PP (4) • PHYS 2225 Physics for Scientists and Engineers II Lab (1) • CS 1400 Fundamentals of Programming (3) • ECE 1000 Introduction to Electrical and Computer Engineering (3) • ECE 2700 Digital Design I (3) • ECE 2705 Digital Design I Lab (1) • ECE 2250 Circuit Theory (3) • ECE 2255 Circuit Theory Lab (1) 	
General Education Requirements:	38 Credits

Engineering

	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGL 1005	Literacies and Composition Across Contexts CC (5)	
	ENGL 2010	Intermediate Academic Writing CC	3
	MATH 1210	Calculus I QL	4
American Institutions: Complete one of the following:			3
	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	
	HIST 1700	American Civilization AS (3)	
	HIST 1740	US Economic History AS (3)	
	POLS 1000	American Heritage SS (3)	
	POLS 1100	American National Government AS (3)	
Complete the following:			
	HLTH 1100	Personal Health and Wellness TE	2
or	EXCS 1097	Fitness for Life TE (2)	
	PHIL 205G	Ethics and Values IH GI	3
Distribution Courses:			
	COMM 1020	Public Speaking HH	3
	COMM 2110	Interpersonal Communication SS	3
	Fine Arts (Choose from list)		3
	Biology (Choose from list)		3
	PHYS 2210	Physics for Scientists and Engineers I PP	4
	CHEM 1210	Principles of Chemistry I PP	4
Discipline Core Requirements:			86 Credits
	ECE 1000	Introduction to Electrical and Computer Engineering	3
	ECE 2250	Circuit Theory	3
	ECE 2255	Circuit Theory Lab	1
	ECE 2700	Digital Design I	3
	ECE 2705	Digital Design I Lab	1
	ECE 2750	Engineering Analysis	3
	ECE 3710	Applied Probability and Statistics for Engineers and Scientists	3
	ECE 3730	Embedded Systems I	3
	ECE 3740	Digital Design II	3
	ECE 3760	Electronic Systems	3
	ECE 3765	Electronic Systems Lab	1
	ECE 3770	Signals and Systems	3
	ECE 3780	Communication Systems and Circuits	3
	ECE 3785	Communication Systems and Circuits Lab	1
	ECE 4700	Computer Architecture for Engineering Applications	3
	ECE 4730	Embedded Systems II	3
	ECE 4750	Digital Signal Processing	3
	ECE 4755	Digital Signal Processing Lab	1
	ECE 4760	VLSI Design	3
	ECE 4765	VLSI Design Laboratory	1

	ECE 4900	Electrical and Computer Engineering Capstone I WE	3
	ECE 4950	Electrical and Computer Engineering Capstone II WE	3
	CS 1400	Fundamentals of Programming	3
	CS 1410	Object-Oriented Programming	3
	CS 2300	Discrete Mathematical Structures I	3
	CS 2370	C Plus Plus Programming WE	3
	CS 2420	Introduction to Algorithms and Data Structures	3
	CS 3060	Operating Systems Theory	3
	PHYS 2215	Physics for Scientists and Engineers I Lab	1
	PHYS 2220	Physics for Scientists and Engineers II PP	4
	PHYS 2225	Physics for Scientists and Engineers II Lab	1
	CHEM 1215	Principles of Chemistry I Laboratory	1
	MATH 1220	Calculus II	4
Elective Requirements:			3 Credits
Complete 3 credits from the following:			3
	ECE 4780	Wireless and Mobile Communications (3)	
	ECE 4850	Machine Learning (3)	
	ECE 481R	Electrical and Computer Engineering Internship (1-3)	
	ECE 4260	Smart Power Grids (3)	

Graduation Requirements:

1. Completion of a minimum of 124 semester credits, with a minimum of 40 upper-division credits.
2. Overall grade point average of 2.5 or above, with a minimum grade of C in all discipline core and elective requirements.
3. Residency hours - minimum of 30 credit hours through course attendance at UVU. 10 of these hours must be within the last 45 hours earned. At least 12 of the credit hours earned in residence must be in approved CS + ECE courses.
4. All transfer credit must be approved in writing by UVU.
5. No more than 80 semester hours and no more than 20 hours in CS and ECE courses of transfer credit.
6. No more than 6 semester hours may be earned through independent study.
7. Successful completion of at least one Global/Intercultural course.
8. Taking Fundamentals of Engineering (FE) (NCEES - Electrical and Computer Engineering) exam.

Computer Engineering, B.S. Careers

1. Computer Engineering students will demonstrate proficiency in the areas of programming languages, algorithms, operating systems, computer architecture, digital and analog circuits, and engineering design.
2. Students will demonstrate proficiency in relevant aspects of mathematics as well as the appropriate concepts from physics and electrical circuits and devices.
3. Students will successfully apply these principles and practices to a variety of problems.

- Students will demonstrate an understanding of differential and integral calculus, advanced engineering mathematics, discrete structures, probability and statistics, physics, and other areas of science pertinent to engineering.
- Students will apply modern engineering tools necessary for computer engineering practice including computer based analysis, design, and simulation tools.
- Students will have the ability to work with others and on multidisciplinary teams in both classroom and laboratory environments.
- Students will demonstrate critical and abstract thinking.
- Students will demonstrate an ability to communicate effectively.
- Students will obtain familiarity with basic ideas and contemporary issues in the social sciences and the humanities.
- Students will obtain an understanding of social, professional, and ethical issues related to engineering.
- The majority of the graduates will be immediately employed in high-technology companies that utilize their computer engineering skills.
- Strong graduates from the program will be prepared to enter graduate programs.

Related Careers

- Architectural and Engineering Managers
- Computer Hardware Engineers
- Engineering Teachers, Postsecondary

Electrical Engineering, B.S.

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Requirements

A Bachelor of Science in Electrical Engineering provides a broad foundation in electrical engineering through combined classroom and laboratory work and prepares students for entering the profession of electrical engineering as well as further study at the graduate level. The core courses will provide students with a strong background in mathematics, physical science, and fundamentals of engineering.

Total Program Credits: 125

Matriculation Requirements:		
To be admitted to the BSEE program a student must complete the following courses with a minimum grade of C in these courses and grade point average of 2.5 or above. A student not meeting all of the admission requirements, may request in writing, a provisional admission status for a semester from the department. The provisional admission status must be approved by the electrical engineering program coordinator.		
<ul style="list-style-type: none"> MATH 1210 Calculus I QL MATH 1220 Calculus II PHYS 2210 Physics for Scientists and Engineers I PP PHYS 2215 Physics for Scientists and Engineers I Lab PHYS 2220 Physics for Scientists and Engineers II PP PHYS 2225 Physics for Scientists and Engineers II Lab CS 1400 Fundamentals of Programming ECE 1000 Introduction to Electrical and Computer Engineering ECE 2700 Digital Design I ECE 2705 Digital Design I Lab ECE 2250 Circuit Theory ECE 2255 Circuit Theory Lab 		
General Education Requirements:		38 Credits
ENGL 1010	Introduction to Academic Writing CC	3

or	ENGH 1005	Literacies and Composition Across Contexts CC (5)	
	ENGL 2010	Intermediate Academic Writing CC	3
	MATH 1210	Calculus I QL	4
American Institutions: Complete one of the following:			3
	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	
	HIST 1700	American Civilization AS (3)	
	HIST 1740	US Economic History AS (3)	
	POLS 1000	American Heritage SS (3)	
	POLS 1100	American National Government AS (3)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
	HLTH 1100	Personal Health and Wellness TE	2
or	EXSC 1097	Fitness for Life TE (2)	
Distribution Courses:			
	COMM 1020	Public Speaking HH	3
	COMM 2110	Interpersonal Communication SS	3
	Fine Arts (Choose from list)		3
	Biology (Choose from list)		3
	PHYS 2210	Physics for Scientists and Engineers I PP	4
	CHEM 1210	Principles of Chemistry I PP	4
Discipline Core Requirements:			81 Credits
	ECE 1000	Introduction to Electrical and Computer Engineering	3
	CS 1400	Fundamentals of Programming	3
	ECE 2250	Circuit Theory	3
	ECE 2255	Circuit Theory Lab	1
	ECE 2700	Digital Design I	3
	ECE 2705	Digital Design I Lab	1
	ECE 2750	Engineering Analysis	3
	ECE 3250	Energy Conversion	3
	ECE 3350	Control Systems	3
	ECE 3450	Electromagnetics and Transmission Lines	3
	ECE 3710	Applied Probability and Statistics for Engineers and Scientists	3
	ECE 3730	Embedded Systems I	3
	ECE 3740	Digital Design II	3
	ECE 3760	Electronic Systems	3
	ECE 3765	Electronic Systems Lab	1
	ECE 3770	Signals and Systems	3
	ECE 3780	Communication Systems and Circuits	3
	ECE 3785	Communication Systems and Circuits Lab	1
	ECE 4700	Computer Architecture for Engineering Applications	3
	ECE 4730	Embedded Systems II	3

Engineering

ECE 4750	Digital Signal Processing	3
ECE 4755	Digital Signal Processing Lab	1
ECE 4760	VLSI Design	3
ECE 4765	VLSI Design Laboratory	1
ECE 4900	Electrical and Computer Engineering Capstone I WE	3
ECE 4950	Electrical and Computer Engineering Capstone II WE	3
PHYS 2215	Physics for Scientists and Engineers I Lab	1
PHYS 2220	Physics for Scientists and Engineers II PP	4
PHYS 2225	Physics for Scientists and Engineers II Lab	1
CHEM 1215	Principles of Chemistry I Laboratory	1
MATH 1220	Calculus II	4
MATH 2210	Calculus III	4
Elective Requirements:		6 Credits
Complete a minimum of six credits from the following:		6
ECE 4780	Wireless and Mobile Communications (3)	
ECE 4250	Power Systems Engineering (3)	
ECE 4850	Machine Learning (3)	
ECE 4260	Smart Power Grids (3)	
ECE 481R	Electrical and Computer Engineering Internship (1-3)	

Graduation Requirements:

1. Completion of a minimum of 125 semester credits, with a minimum of 40 upper-division credits.
2. Overall grade point average of 2.5 or above, with a minimum grade of C in all discipline core and elective requirements.
3. Residency hours - minimum of 30 credit hours through course attendance at UVU. 10 of these hours must be within the last 45 hours earned. At least 12 of the credit hours earned in residence must be in approved CS + ECE courses.
4. All transfer credit must be approved in writing by UVU and the electrical engineering program coordinator.
5. No more than 80 semester hours and no more than 20 hours in CS and ECE courses of transfer credit.
6. No more than 6 semester hours may be earned through independent study.
7. Successful completion of at least one Global/Intercultural course.
8. Taking Fundamentals of Engineering (FE) (NCEES - Electrical and Computer Engineering) exam.

Electrical Engineering, B.S.

Careers

1. Demonstrated their ability to perform electrical engineering analysis to solve problems and to communicate technical information effectively in an engineering or a professional team environment
2. Advanced professionally by given more responsibilities; or have successfully completed a graduate level degree
3. Continued their professional development through workshops; or earning professional licensure
4. Served in their professional organizations and/or local communities.

Related Careers

- Architectural and Engineering Managers
- Aerospace Engineers
- Electrical Engineers
- Electronics Engineers, Except Computer
- Engineering Teachers, Postsecondary

Mechanical Engineering, B.S.

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Requirements

Mechanical engineering, which has evolved over the years as new technologies have emerged, is one of the broadest engineering disciplines. The Bachelor of Science in Mechanical Engineering prepares graduates to apply mathematical and scientific principles to the design, development, testing, and manufacturing of machines, robots, tools, biomedical devices, power generating equipment such as steam and gas turbines, wind turbines, solar systems, internal combustion engines, and heating, cooling, and refrigeration equipment.

Total Program Credits: 126

Matriculation Requirements:			
<ol style="list-style-type: none"> 1. To be admitted to the BSME program, a student must complete the foundation courses in Mathematics (MATH 1210, 1220, 2210, 2250); Physics (PHYS 2210, 2215, 2220, 2225); Chemistry (CHEM 1210, 1215); English (ENGL 1005 or ENGL 1010, 2010); and Engineering (EGDT 1071, ENGR 1000, 1030, 2010, 2030, 2140, 2160, 2450) with a minimum grade of C. 2. Students need a grade point average of 2.5 or above. 3. A student not meeting all of the admission requirements, may request in writing, a provisional admission status for a semester from the department. The provisional admission status must be approved by the mechanical engineering program coordinator. 			
General Education Requirements:			38 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGL 1005	Literacies and Composition Across Contexts CC (5.0)	
	ENGL 2010	Intermediate Academic Writing CC	3
	MATH 1210	Calculus I QL	4
Complete one of the following:			3
	HIST 1700	American Civilization AS (3.0)	
	HIST 1740	US Economic History AS (3.0)	
	HIST 2700	US History to 1877 AS (3.0)	
and	HIST 2710	US History since 1877 AS (3.0)	
	POLS 1000	American Heritage SS (3.0)	
	POLS 1100	American National Government AS (3.0)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
or	PHIL 205G	Ethics and Values IH GI	3
	HLTH 1100	Personal Health and Wellness TE	2
or	EXSC 1097	Fitness for Life TE (2.0)	
Distribution Courses:			
	Biology		3
	Fine Arts		3

	Humanities (COMM 1020 Recommended)	3
	Social/Behavioral Science (COMM 2110 Recommended)	3
	PHYS 2210 Physics for Scientists and Engineers I PP	4
	CHEM 1210 Principles of Chemistry I PP	4
Discipline Core Requirements:		78 Credits
	CHEM 1215 Principles of Chemistry I Laboratory	1
	ENGR 1000 Introduction to Engineering WE	3
	ECE 2210 Fundamentals of Electric Circuit Analysis	3
	EGDT 1071 3 Dimensional Modeling--Solidworks	3
	ENGR 2010 Engineering Statics	3
	ENGR 2030 Engineering Dynamics	3
	ENGR 2140 Mechanics of Materials	3
	ENGR 2160 Introduction to Materials Science and Engineering	3
	ENGR 2300 Engineering Thermodynamics	3
	ENGR 2450 Computational Methods for Engineering Analysis	3
	MATH 1220 Calculus II	5
	MATH 2210 Calculus III	3
	MATH 2250 Differential Equations and Linear Algebra	4
	ME 3010 System Dynamics I	3
	ME 3140 Machine Design	3
	ME 3210 Manufacturing Processes for Engineers	3
	ME 3310 Fluid Mechanics	3
	ME 3320 Heat Transfer	3
	ME 3335 Thermal/Fluid Experimentation WE	2
	ME 4010 System Dynamics II	3
	ME 4015 Control and Vibration Experimentation	2
	ME 4410 Computer Aided Engineering	3
	ME 4510 Mechanical Engineering Seminar	1
	ME 4810 Mechanical Engineering Capstone I	3
	ME 4820 Mechanical Engineering Capstone II	3
	PHYS 2215 Physics for Scientists and Engineers I Lab	1
	PHYS 2220 Physics for Scientists and Engineers II PP	4
	PHYS 2225 Physics for Scientists and Engineers II Lab	1
Elective Requirements:		9 Credits
Choose 9 credits from the following. One course may be taken from Technical Elective list. At least six credit-hours must be at 4000 level.		9
ME Elective Courses		
	ME 3130 Kinematics (3)	
	ME 3160 Intermediate Materials (3)	

	ME 3170 Introduction to Plastics and Composites (3)	
	ME 3300 Applied Thermodynamics(3)	
	ME 4180 Compliant Mechanisms (3)	
	ME 4380 Design of Thermal/Fluid Systems (3)	
	ME 4390 Heating Ventilating and Air Conditioning Design (3)	
	ME 4420 Finite Element Methods (3)	
	ME 4550 Global Engineering (3)	
	ME 490R Advanced Current Topics in Mechanical Engineering (1)	
Technical Elective Courses		
	ME 481R Mechanical Engineering Internship (1-3)	
	ECE 3710 Applied Probability and Statistics for Engineers and Scientists (3)	
	TECH 3400 Project Management WE (3)	
	TECH 3850 Quality Management in Technology (3)	
Students may also take upper level computer, electrical, and mechanical engineering classes as technical electives in consultation with their faculty advisors and approval of the department offering the courses.		

Graduation Requirements:

1. Completion of a minimum of 125 semester credits, with a minimum of 40 mechanical engineering upper-division credits.
2. Overall grade point average of 2.5 or above, with a minimum grade of C in all discipline core and elective requirements.
3. Residency hours - minimum of 30 credit hours through course attendance at UVU. Ten of these hours must be within the last 45 hours earned. At least 12 of the credit hours earned in residence must be in approved ME courses.
4. All transfer credits must be approved in writing by UVU and the mechanical engineering program coordinator.
5. No more than 80 semester hours and no more than 20 hours in ME courses of transfer credit.
6. No more than 6 semester hours may be earned through independent study.
7. Successful completion of at least one Global/Intercultural course.

Mechanical Engineering, B.S.**Careers**

1. Demonstrated their ability to perform mechanical engineering analysis to solve problems and to communicate technical information effectively in an engineering or a professional team environment.
2. Advanced professionally by being given more responsibilities and/or have completed a graduate level degree.
3. Continued their professional development through workshops and/or have earned professional licensure.
4. Served in their professional organizations and/or local communities.

Related Careers

- Architectural and Engineering Managers
- Cost Estimators
- Aerospace Engineers
- Mechanical Engineers
- Engineering Teachers, Postsecondary

Engineering Technology

DEPARTMENT CHAIR

LUNDAHL, Diana Associate Professor

FACULTY

AL-NSOUR, Rawan Assistant Professor

BIRD, Tyler Assistant Professor

ELBERT, Mike Assistant Professor

FRAME, David W. Assistant Professor

FRAUGHTON, Travis Lecturer

HAKALA, Tim Assistant Professor

HAWKER, John Lecturer

LUNDAHL, Diana Associate Professor

PARKER, Trevor Lecturer

SEARLE, Scott Lecturer

Degrees & Programs

Automation and Electrical Technology, A.S.

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Requirements

The EART program prepares Electrical Automation Technicians to troubleshoot, wire, repair, adapt, maintain, program (PLC's & PAC's), and control large automated electrical systems found in Industrial and Manufacturing Industries worldwide. The EART Technician will work with DC & AC motor controlled machines; Programmable Logic Controlled (PLC's) and Programmable Automation Controlled (PAC's) machines, systems, and devices; Hydraulic and pneumatic controlled machines; conveyor, fluid, and bulk storage systems; flex, soft start, and variable frequency drives; Robots; servo, and stepper motors. Because of their highly skilled hands on training the EART student is in high demand from many industries.

Total Program Credits: 60

General Education Requirements:		35 Credits
	ENGL 1010 Introduction to Academic Writing CC	3
or	ENGL 1005 Literacies and Composition Across Context CC (5.0)	
	ENGL 2010 Intermediate Academic Writing CC	3
Complete one of the following:		3
	MAT 1030 Quantitative Reasoning QL (3.0)	
	MAT 1035 Quantitative Reasoning with Integrated Algebra QL (6.0)	
	STAT 1040 Introduction to Statistics QL (3.0)	
	STAT 1045 Introduction to Statistics with Algebra QL (5.0)	
	MATH 1050 College Algebra QL (4.0)	
	MATH 1055 College Algebra with Preliminaries QL (5.0)	
	MATH 1090 College Algebra for Business QL (3.0)	
Complete one of the following:		3
	HIST 2700 US History to 1877 AS (3.0)	
and	HIST 2710 US History since 1877 AS (3.0)	

	HIST 1700	American Civilization AS (3.0)	
	HIST 1740	US Economic History AS (3.0)	
	POLS 1000	American Heritage SS (3.0)	
	POLS 1100	American National Government AS (3.0)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
	HLTH 1100	Personal Health and Wellness TE	2
or	EXSC 1097	Fitness for Life TE (2.0)	
Distribution Courses:			
	Biology		3
	Physical Science		3
	Additional Biology or Physical Science		3
	Humanities Distribution		3
	Fine Arts Distribution		3
	Social/Behavioral Science		3
Discipline Core Requirements:			16 Credits
	Choose from AET or related courses (1000 level or higher)		16
Elective Requirements:			9 Credits
	Electives (1000 level or higher)		9

Graduation Requirements:

1. Completion of a minimum of 60 semester credits.
2. Overall grade point average of 2.0 (C) or above with no core course below a C-.
3. Residency hours-- minimum of 20 credit hours through course attendance at UVU.
4. Completion of GE and specified departmental requirements.

Automation and Electrical Technology, A.S.

Careers

1. EART Students will be able to troubleshoot, install, program and maintain equipment used in an automated process.

Related Careers

- Electro-Mechanical Technicians

Automation and Electrical Technology, A.A.S.

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Requirements

Prepares graduates to troubleshoot, wire, repair, adapt, maintain, integrate, install, analyze, and program industrial automated equipment and electrical systems found in automated manufacturing and other industries. Focuses heavily on troubleshooting, motor controls and drives, industrial electronics, sensors, programmable logic controllers (PLCs) and integration of industrial internet of things *(IIOT) from the plant floor to the human machine interface (HMI).

Teaches single and three phase electrical systems in conjunction with industrial automation and intelligent electronics devices found in both industrial automation and electrical power. Numerous career path options are available for graduates.

Total Program Credits: 65

General Education Requirements:		14 Credits
	ENGL 1010 Introduction to Academic Writing CC	3
or	ENGL 1005 Literacies and Composition Across Contexts CC (5.0)	
	Any approved Humanities or Fine Art	3
	Any approved Behavioral Science, Social, or Political Science Distribution Course	3
	Any approved Physical Education, Health, Safety, or Environment Course	2
	Any approved Biology or Physical Science	3
Discipline Core Requirements:		51 Credits
	AET 1050 Electrical Math I	3
	AET 1060 Electrical Math II	3
	AET 1130 Introduction to Automation	2
	AET 1135 Introduction to Automation Lab	1
	AET 1140 Applied AC Theory	1
	AET 1145 Applied AC Lab	2
	AET 1150 Industrial Logic	1
	AET 1155 Industrial Logic Lab	1
	AET 1250 Industrial Electrical Code	2
	AET 1280 Electric Motor Control	4
	AET 1285 Electric Motor Control Lab	4
	AET 2110 Industrial Electronics I	4
	AET 2115 Industrial Electronics I Lab	2
	AET 2250 Industrial Programmable Logic Controllers--PLCs	4
	AET 2255 Industrial Programmable Logic Controllers--PLCs Lab	2
	EGDT 1040 Fundamentals of Technical Engineering Drawing	3
or	EGDT 1071 3 Dimensional Modeling--Solidworks	
Choose 12 Credits from the Following Options:		12
	AET 2010 Manufacturing Technology (1)	
	AET 2015 Manufacturing Technology Lab (2)	
	AET 2150 Introduction to Fluid Power Systems (2)	
	AET 2155 Introduction to Fluid Power Systems Lab (1)	
	AET 2160 Introduction to Industrial Internet of Things (2)	
	AET 2165 Introduction to Industrial Internet of Things Lab (1)	
	AET 2270 Industrial Programmable Automation Controllers--PACs (2)	
	AET 2275 Industrial Programmable Automation Controllers--PACs Lab (1)	
	AET 2280 Process Control Instrumentation (2)	
	AET 2285 Process Control Instrumentation Lab (1)	
	AET 281R Cooperative Work Experience (1)	

AET 2900	Capstone Project (3)	
AET 291R	Special Topics in Industrial Systems (3)	
AET 285R	Cooperative Correlated Class (variable)	
EGDT 1200	Mechanical Drafting and Design (3)	
MECH 2300	Microcontroller Architecture and Programming (3)	
MECH 2305	Microcontroller Architecture and Programming Lab (2)	

Graduation Requirements:

1. Completion of a minimum of 65 semester credits
2. Overall grade point average of 2.0 (C) or above, with no core course below a 'C-'.
3. Residency hours: minimum of 20 credit hours through course attendance at UVU
4. Completion of GE and specified departmental requirements

Automation and Electrical Technology, A.A.S. Careers**Program Learning Outcomes**

1. Apply knowledge, techniques, skills and modern tools of mathematics, science, engineering, and technology to safely solve well-defined problems related to electrical and automation systems.
2. Apply solutions for well-defined technical problems and assist with the engineering design, integration, repair, testing, troubleshooting, and installation of systems, components, or processes related to electrical and automation systems
3. Apply written, oral, and graphical communication in well-defined technical and non-technical environments
4. Identify and use appropriate technical literature to solve problems, integrate, and troubleshoot electrical automation systems
5. Safely conduct standard tests, measurements, and experiments and analyze and interpret the results
6. Function effectively as a member of a technical team.

Related Careers

- Electro-Mechanical Technicians

Mechatronics Engineering Technology, A.A.S.

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Requirements

The Mechatronics Engineering Technology Degree from Utah Valley University prepares graduates to work in the Utah manufacturing sector as an automation technologist, design technician, PLC programmer, as well as many other aspects of implementing manufacturing systems. Students complete courses in PLC programming and architecture, materials, CAD, electrical and mechanical components, pneumatics, and motor control. Students will also take courses in technical writing, physics, chemistry, and business to round out their professional profile.

Total Program Credits: 63

General Education Requirements:		18 Credits
	ENGL 1010 Introduction to Academic Writing CC	3

Engineering Technology

or	ENGH 1005	Literacies and Composition Across Contexts CC (5)	
	HLTH 1100	Personal Health and Wellness TE	2
or	EXSC 1097	Fitness for Life TE (2)	
	Humanities (ENGL 2100 Recommended)		3
	Social Science (ECON 1010 Recommended)		3
	Physical Science (PHYS 1010 Recommended)		3
	MATH 1050	College Algebra QL	4
or	MATH 1055	College Algebra with Preliminaries QL (5)	
Discipline Core Requirements:			45 Credits
	EGDT 1071	3 Dimensional Modeling--Solidworks	3
	MECH 1010	Fundamentals of Mechatronics	3
	MECH 1200	Electronics in Automation Design	3
	MECH 1205	Electronics in Automation Design Laboratory	2
	MECH 1300	Industrial Wiring for Mechatronic Systems	1
	MECH 1305	Industrial Wiring for Mechatronic Systems Laboratory	2
	MECH 2200	Semiconductors Used in Mechatronic Systems	3
	MECH 2205	Semiconductors in Mechatronic Systems Lab	1
	MECH 2300	Microcontroller Architecture and Programming	4
	MECH 2305	Microcontroller Architecture and Programming Lab	1
	MECH 2400	Mechanical Components	4
	MECH 2500	Introduction to PLCs in Mechatronic Design	2
	MECH 2505	Introduction to PLCs in Mechatronic Design Laboratory	2
	MECH 2510	Fundamentals of Automation Controls	2
	MECH 2515	Fundamentals of Automation Controls Laboratory	1
	MECH 2550	Advanced PLC Programming and Applications	2
	MECH 2555	Advanced PLC Programming and Applications Laboratory	2
	MECH 2600	Introduction to Fluid Power Systems	2
	MECH 2605	Introduction to Fluid Power Systems Laborator	1
	MECH 2700	Industrial Motor Control Mechatronic Systems	2
	MECH 2705	Industrial Motor Control Mechatronic Systems Laboratory	2

Graduation Requirements:

1. Completion of 63 or more credit hours.
2. Overall grade point average of 2.0 (C) or above, with no core course below a C-.
3. Residency hours: minimum of 20 credit hours through course attendance at UVU.
4. Completion of GE and specified departmental requirements.

Mechatronics Engineering Technology, A.A.S.

Careers

1. Design a machine
2. Create logic to control the machine
3. Electrically actuate the machine

Related Careers

- Architectural and Engineering Managers
- Engineers, All Other
- Engineering Teachers, Postsecondary

Automation and Electrical Control Technology, Certificate of Proficiency

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Requirements

The Certificate of Proficiency in Automation and Electrical Control Technology provides training for students seeking to develop their skills and knowledge to troubleshoot, wire, repair, adapt, maintain, and control large automated electrical systems found in Industrial and Manufacturing Industries worldwide. This certificate is designed to provide high school students an opportunity to obtain a certificate in a Career and Technical Education field while still enrolled in high school, and stack into certificate and associate degrees at UVU.

Total Program Credits: 14

Discipline Core Requirements:			23 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
	AET 1050	Electrical Math I	3
	AET 1060	Electrical Math II	3
	AET 1130	Introduction to Automation	1
	AET 1135	Introduction to Automation Lab	1
	AET 1140	Applied AC Theory	1
	AET 1145	Applied AC Lab	2
	AET 1150	Industrial Logic	1
	AET 1155	Industrial Logic Lab	1

Graduation Requirements:

1. Completion of a minimum of 17 credits.
2. Overall grade point average of 2.0 (C) or above, with no core course below a 'C-'.
3. Residency hours: minimum of 4 credit hours through course attendance at UVU.
4. Completion of GE and specified departmental requirements.

Automation and Electrical Control Technology, Certificate of Proficiency

Careers

1. Apply electrical theory to safely wire, troubleshoot, analyze, repair, and build electrical/electronic systems.
2. Utilize appropriate test equipment and hand tools to troubleshoot, analyze, repair electrical/electronic systems.
3. Describe the operation of electrical components, transformers, digital and relay logic in an electrical system.
4. Apply technical knowledge and skills to safely analyze, assemble, operate, troubleshoot digital systems.

Related Careers

- Electro-Mechanical Technicians

Electrical and Control Technology, Certificate of Proficiency

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Requirements

The Certificate of Proficiency in Electrical and Control Technology CA prepares technicians and technologists to troubleshoot, wire, repair, adapt, install, and maintain electrical and industrial motor control equipment found in many local industries. Knowledge and experience are gained through theory and engaging "hands on" labs that prepare graduates to work safely around industrial and commercial electrical equipment. Electrical DC and AC theory, transformers, circuits, wiring, motors, motor controls, relay logic, logic gates, and the National Electrical Code for commercial and industrial systems is emphasized. Skills are developed in troubleshooting, testing, and analyzing electrical circuits. This is the first employable step in the exciting career path of working with electrically automated equipment.

Total Program Credits: 23

Discipline Core Requirements:			23 Credits
	AET 1050	Electrical Math I	3
	AET 1060	Electrical Math II	3
	AET 1130	Introduction to Automation	1
	AET 1135	Introduction to Automation Lab	1
	AET 1140	Applied AC Theory	1
	AET 1145	Applied AC Lab	2
	AET 1150	Industrial Logic	1
	AET 1155	Industrial Logic Lab	1
	AET 1250	Industrial Electrical Code	2
	AET 1280	Electrical Motor Control	4
	AET 1285	Electrical Motor Control Lab	4

Graduation Requirements:

1. Completion of a minimum of 23 semester credits.
2. Overall grade point average of 2.0 (C) or above, with no core course below a 'C-'.
3. All courses must be completed at UVU.

Electrical and Control Technology, Certificate of Proficiency Careers

1. Apply electrical theory to safely wire, troubleshoot, analyze, repair, and build electrical systems and control circuits.
2. Utilize appropriate test equipment and hand tools to troubleshoot, analyze, repair, and install electrical systems and control circuits.
3. Describe the operation of electrical components, motors, generators, transformers, and digital and relay logic in an electrical automation system.

Related Careers

- Electro-Mechanical Technicians

Mechatronics Engineering Technology, B.S.

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Requirements

The Mechatronics Engineering Technology Degree from Utah Valley University prepares graduates to work in the Utah manufacturing sector as an automation technologist, design technician, PLC programmer, as well as many other aspects of implementing manufacturing systems. Students complete courses in PLC programming and architecture, materials, CAD, electrical and mechanical components, pneumatics, and motor control. Students will also take courses in technical writing, physics, chemistry, and business to round out their professional profile.

Total Program Credits: 121

Matriculation Requirements:			
<ol style="list-style-type: none"> 1. Graduates of the Mechatronics Engineering Technology, Electrical Automation Robotic Technology (E.A.R.T) or Automation and Electrical Technology (A.E.T) A.A.S. degree programs at UVU may automatically matriculate into the Bachelor of Science degree program in Mechatronics Engineering Technology. 2. E.A.R.T and A.E.T graduates that have not taken college algebra (MATH 1050) should enroll prior to or during their first semester in which they are enrolled in the Mechatronics B.S. program. 			
General Education Requirements:			36 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGL 1005	Literacies and Composition Across Context CC (5.0)	
	ENGL 2010	Intermediate Academic Writing CC	3
	MATH 1050	College Algebra QL	4
or	MATH 1055	College Algebra with Preliminaries QL (5.0)	
	PHIL 205G	Ethics and Values IH GI	3
	HLTH 1100	Personal Health and Wellness TE (2.0)	
or	EXSC 1097	Fitness for Life TE	2
Complete one of the following:			3
	HIST 2700	US History to 1877 AS (3.0)	
and	HIST 2710	US History since 1877 AS (3.0)	
	HIST 1700	American Civilization AS (3.0)	
	HIST 1740	US Economic History AS (3.0) (recommended)	
	POLS 1000	American Heritage SS (3.0)	
	POLS 1100	American National Government AS (3.0)	
Distribution Courses:			
	Biology	BIOL 1010 Recommended	3
	Physical Science	PHYS 1010 Recommended	3
	Additional Biology or Physical Science		3
	Humanities	ENGL 2310 Recommended	3
	Social/Behavioral Science		3

	Fine Arts	3
Discipline Core Requirements:		79 Credits
EGDT 1071	3 Dimensional Modeling--Solidworks	3
MECH 1010	Fundamentals of Mechatronics	3
MECH 1200	Electronics in Automation Design	3
MECH 1205	Electronics in Automation Design Laboratory	2
MECH 2200	Semiconductors in Mechatronic Systems	1
MECH 1300	Industrial Wiring for Mechatronic Systems	1
MECH 1305	Industrial Wiring for Mechatronic Systems Laboratory	2
MECH 2205	Semiconductors in Mechatronic Systems Lab	1
MECH 2300	Microcontroller Architecture and Programming	4
MECH 2305	Microcontroller Architecture and Programming Lab	1
MECH 2400	Mechanical Components	4
MECH 2500	Introduction to PLCs in Mechatronic Design	2
MECH 2505	Introduction to PLCs in Mechatronic Design Laboratory	2
MECH 2510	Fundamentals of Automation Controls	2
MECH 2515	Fundamentals of Automation Controls Laboratory	1
MECH 2550	Advanced PLC Programming and Applications	2
MECH 2555	Advanced PLC Programming and Applications Laboratory	2
MECH 2600	Introduction to Fluid Power Systems	2
MECH 2605	Introduction to Fluid Power Systems Laboratory	1
MECH 2700	Industrial Motor Control Mechatronic Systems	2
MECH 2705	Industrial Motor Control Mechatronic Systems Laboratory	2
MECH 3220	Motion Control for Mechatronic Systems	3
MECH 3225	Motion Control for Mechatronic Systems Laboratory	1
MECH 3300	Industrial Networks	2
MECH 3305	Industrial Networks Laboratory	1
MECH 3400	Statics and Material Properties for Mechatronics	4
MECH 3405	Statics and Material Properties for Mechatronics Laboratory	1
MECH 3500	Industrial Robots	2
MECH 3505	Industrial Robots Laboratory	1
MECH 3570	Design Analysis and Rapid Prototyping WE	3
MECH 3700	CNC Machines in Mechatronic Design	2

MECH 3705	CNC Machines in Mechatronic Design Laboratory	1
MECH 4300	Capstone I	2
MECH 4305	Capstone I Laboratory	1
MECH 4400	Polymers/Composites and Processes	3
MECH 4500	Advanced Automation Controls	3
MECH 4505	Advanced Automation Controls Laboratory	1
MECH 4800	Capstone II WE	3
Elective Requirements:		6 Credits
MECH 481R	Mechatronics Internship (3)	6
MECH 490R	Topics in Mechatronics (3)	

Graduation Requirements:

1. Completion of 121 or more credit hours.
2. Overall grade point average of 2.0 (C) or above, with no core course below a C-.
3. Residency hours: minimum of 30 credit hours through course attendance at UVU.
4. Successful completion of at least one Global/Intercultural course.

Mechatronics Engineering Technology, B.S. Careers

Program Learning Outcomes

1. Demonstrate proficiency in basic automation technology subjects including: (a) electronic mathematics, (b) AC and DC circuits and components, (c) computer architecture (d) programmable logic controllers (PLC's), (d) industrial pneumatic and hydraulic systems, and (e) CAD based mechanical design.
2. Demonstrate appropriate technical reading, writing, and communications skills.
3. Demonstrate proficiency in mathematics appropriate for automation technology.
4. Demonstrate proficiency in design, analysis, operation, and troubleshooting of automation systems, including: (a) automation motors (servo, stepper, PMDC, and BLDC), (b) industrial pneumatics (actuators, valves etc.), (c) PID speed and position controls, and (d) kinematics/dynamics of machines (motion analysis, linkages, and mechanisms).
5. Master PLC programming, operation, and structure for automation systems.

Related Careers

- Architectural and Engineering Managers
- Engineers, All Other
- Engineering Teachers, Postsecondary

English and Literature

DEPARTMENT CHAIR

WHALEY, Brian *Associate Professor*

DIRECTOR

MCPHERSON, Kathryn R. *Professor*

FACULTY

ALBRECHT-CRANE, Christa *Professor*

BENACQUISTA, Jane *Lecturer*

BONE, Kirstin *Lecturer*

BRADY, Jane *Lecturer*

CAMMACK, Susanne *Lecturer*

CARNEY, Rob *Professor*

CARTER, Angie *Sr. Lecturer*

CHADWICK, Tyler *Lecturer*

COUSINS, Robert J. *Professor*

CRANE, Mark E. *Associate Professor*

FEDECZKO, Wioleta *Associate Professor*

FLANAGAN, Suzan *Assistant Professor*

FULLMER, Stephen B. *Associate Professor*

GALE, Nathan A. *Assistant Professor*

GIBSON, Stephen D. *Associate Professor*

GODDARD, Todd *Associate Professor*

GORELICK, Nathan *Associate Professor*

GOSHERT, John *Professor*

HANNEMAN, Katherine *Lecturer*

JONES, Brock *Assistant Professor*

KAMAIOPILI, Kyle R. *Assistant Professor*

KERR, Lydia *Associate Professor*

LERBERG, Matthew *Lecturer*

LUI, Catherine *Lecturer*

LUSZECK, Amanda *Assistant Professor*

MA, Ruen-chuan *Assistant Professor*

MCDONALD, Richard B. *Professor*

MCPHERSON, Kathryn R. *Professor*

MORTENSEN, Lee Ann *Professor*

MOSS, David Grant *Associate Professor*

NADEAU, Ashley *Assistant Professor*

NICHOLS, Julie *Associate Professor*

PATTEN, Devin *Lecturer*

PATTERSON, Jonathan *Lecturer*

PEPPER, Mark *Associate Professor*

PETERSEN, Boyd *Lecturer*

PETERSEN, Jerry *Associate Professor*

ROBERTSON, Jacob Levi *Lecturer*

SCHUMANN, Larisa *Lecturer*

SCOTT, Christopher *Lecturer*

SHELTON, Linda *Sr. Lecturer*

SMITH, Thomas B. *Associate Professor*

SMITH-JOHNSON, Amber *Lecturer*

THORNTON, Debra L. *Professor*

VAN DE GRAAF, Kara *Associate Professor*

VOGEL, Charles A. *Associate Professor*

WHALEY, Brian *Associate Professor*

Degrees & Programs

Editing and Document Design, Certificate of Proficiency

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Requirements

UVU's English program is designed to give students skill, confidence, and versatility in writing, speaking, and interpreting texts. The program provides opportunities for students to consider and practice the applications of effective language use in diverse situations: professional, pragmatic, social, political, and aesthetic. The English program emphasizes knowledge and use of standard English in all written work, yet incorporates an understanding that English is a desirably diverse and variable phenomenon. The courses of study in English are designed to familiarize students with much of the traditional canon of literature. They are also designed to provide students with the critical and ethical skills necessary to interrogate this canon, to incorporate and legitimize their own and others' "different" voices, not just in the academy, but in any of the many situations in which language influences human activity.

Total Program Credits: 15

Matriculation Requirements:		
1. AA/AS degree or higher from a regionally accredited institution of higher learning and one year full-time employment.		
Discipline Core Requirements:		12 Credits
Complete the following:		
	ENGL 2050 Editing	3
	ENGL 2100 Technical Communication HH WE	3
	ENGL 3050 Advanced Editing and Design for Print Media	3
	ENGL 3340 Digital Document Design	3
Elective Requirements:		3 Credits
Complete ONE of the following:		3
	ENGL 3300 Collaborative Communication for Technology Professions (3)	
	ENGL 3320 Grant and Proposal Writing (3)	
	ENGL 4340 Advanced Technical Communication (3)	
	ENGL 436R Topics in Technical Communication (3)	

Graduation Requirements:

1. Completion of a minimum of 15 credits.
2. Overall GPA of 2.0 or above.
3. Residency hours -- Minimum of 4 credits required through Course attendance at UVU.

Cinema and Media Studies, Minor

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Requirements

Cinema Studies focuses on analyzing film and the screen arts as some of the most important cultural productions of the twenty-first century.

Students approach movies as cultural texts and gain an understanding of the social, political, historical, and industrial contexts that produce cinema. The minor broadens students' knowledge of how these texts shape and are shaped by culture. As an interdisciplinary program, cinema studies draws on faculty expertise from various disciplines and includes global and historical perspectives. The minor also builds personal knowledge and professional competencies.

Total Program Credits: 18

Matriculation Requirements:		
1. Completion of 30 hours of credit.		
2. Admitted to a bachelor degree program at UVU.		
Discipline Core Requirements:		9 Credits
	CINE 2150 Critical Introduction to Cinema Studies HH	3
or	ENGL 2150 Critical Introduction to Cinema Studies HH (3.0)	
	CINE 3150 Cinema and Television Theory	3
or	ENGL 3150 Cinema and Television Theory (3.0)	
Complete one of the following:		3
	CINE 2311 Film History I FF	
	THEA 2311 Film History I FF (3.0)	
	CINE 2312 Film History II	
	THEA 2312 Film History II (3.0)	
Elective Requirements:		9 Credits
In addition to the 9 core requirements, students must complete an additional 9 hours of advisor-approved electives. Six (6) of the 9 hours must be upper-division (see coordinator for a list of approved electives).		9

Graduation Requirements:

1. Overall grade point average of 2.0 (C) or above.
2. Residency hours--minimum of 12 credit hours through course attendance at UVU.

Cinema and Media Studies, Minor Careers

1. Analyze important cinematic and screen arts genres using appropriate terminology and a variety of theoretical lenses.
2. Evaluate how film and the screen arts reflect and shape culture.
3. Interpret films using multipoint arguments supported by compelling textual evidence.

Related Careers

- Art, Drama, and Music Teachers, Postsecondary
- Producers and Directors

Creative Writing, Minor

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Requirements

UVU's English program is designed to give students skill, confidence, and versatility in writing, speaking, and interpreting texts. The program provides opportunities for students to consider and practice the applications of effective language use in diverse situations: professional, pragmatic, social, political, and aesthetic. The English program emphasizes knowledge and use of standard English in all written

work, yet incorporates an understanding that English is a desirably diverse and variable phenomenon. The courses of study in English are designed to familiarize students with much of the traditional canon of literature. They are also designed to provide students with the critical and ethical skills necessary to interrogate this canon, to incorporate and legitimize their own and others' "different" voices, not just in the academy, but in any of the many situations in which language influences human activity.

Total Program Credits: 21

Discipline Core Requirements:		21 Credits
Minor Prerequisite:		3
	ENGL 2250 Introduction to Creative Writing HH (3)	
or	ENGL 225H Introduction to Creative Writing Honors HH (3)	
Complete THREE from the following		9
	ENGL 3420 Intermediate Fiction Writing (3)	
	ENGL 3430 Play Writing for Creative Writers (3)	
	ENGL 3440 Intermediate Poetry Writing (3)	
	ENGL 3450 Intermediate Creative Nonfiction Writing (3)	
	ENGL 4420 Advanced Fiction Writing WE (3)	
	ENGL 4440 Advanced Poetry Writing WE (3)	
	ENGL 4450 Advanced Creative Nonfiction Writing WE (3)	
Complete the following:		
	ENGL 412R Studies in Literary Genres ¹	3
Choose TWO from the following:		6
	ENGL 347R Popular Genre Writing (3) ¹	
	ENGL 348R Creative Writing Craft and Theory (3) ¹	
	ENGL 4490 Creative Writing Capstone (3)	
	ENGL 412R Studies in Literary Genres (3) (in a different genre) ¹	

Graduation Requirements:

1. Complete all courses with no grade lower than a C-.

Footnote

¹ Course may be repeated with a different topic

English Education, Minor

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Requirements

UVU's English program is designed to give students skill, confidence, and versatility in writing, speaking, and interpreting texts. The program provides opportunities for students to consider and practice the applications of effective language use in diverse situations: professional, pragmatic, social, political, and aesthetic. The English program emphasizes knowledge and use of standard English in all written work, yet incorporates an understanding that English is a desirably diverse and variable phenomenon. The courses of study in English are

designed to familiarize students with much of the traditional canon of literature. They are also designed to provide students with the critical and ethical skills necessary to interrogate this canon, to incorporate and legitimize their own and others' "different" voices, not just in the academy, but in any of the many situations in which language influences human activity.

Total Program Credits: 18

Matriculation Requirements:		
1. Must be accepted into a Secondary Education major		
Discipline Core Requirements:		23 Credits
	ENGL 2250 Introduction to Creative Writing HH	3
	ENGL 2850 Literary History I	3
	or ENGL 2870 Literary History II	
	ENGL 4220 Teaching Reading and Literature	3
	ENGL 4225 Teaching Reading Practicum	1
	ENGL 4230 Teaching Writing	3
	ENGL 4235 Teaching Writing Practicum	1
	ENGL 4250 Adolescent Literature	3
Complete one from the following:		3
	ENGL 3510 Early American Literature (3.0)	
	ENGL 3520 Nineteenth Century American Literature (3.0)	
	ENGL 3530 Modern American Literature (3.0)	
	ENGL 3540 Contemporary American Literature (3.0)	
Complete one from the following:		3
	ENGL 3610 Medieval Literature (3.0)	
	ENGL 3620 Tudor and Stuart Literature (3.0)	
	ENGL 3640 British Literature of the Long Eighteenth Century (3.0)	
	ENGL 3650 Victorian Literature (3.0)	
	ENGL 3660 British Literature Since 1900 (3.0)	

Graduation Requirements:

1. Complete all courses with no grade lower than a C- and no grade lower than a B- in methods courses.

English Literary Studies, Minor

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Requirements

UVU's English program is designed to give students skill, confidence, and versatility in writing, speaking, and interpreting texts. The program provides opportunities for students to consider and practice the applications of effective language use in diverse situations: professional, pragmatic, social, political, and aesthetic. The English program emphasizes knowledge and use of standard English in all written work, yet incorporates an understanding that English is a desirably diverse and variable phenomenon. The courses of study in English are designed to familiarize students with much of the traditional canon of literature. They are also designed to provide students with the critical and ethical skills necessary to interrogate this canon, to incorporate

English and Literature

and legitimize their own and others' "different" voices, not just in the academy, but in any of the many situations in which language influences human activity.

Total Program Credits: 21

Discipline Core Requirements:		21 Credits
Literary History (Complete ONE of the following):		3
	ENGL 2850 Literary History I	
or	ENGL 2870 Literary History II	
	ENGL 2600 Critical Introduction to Literature HH	3
	ENGL 2800 Introduction to the English Major	3
American Literature (Complete ONE of the following):		3
	ENGL 3510 Early American Literature (3)	
	ENGL 3520 Nineteenth Century American Literature (3)	
	ENGL 3530 Modern American Literature (3)	
	ENGL 3540 Contemporary American Literature (3)	
British Literature (Complete ONE of the following):		3
	ENGL 3610 Medieval Literature (3)	
	ENGL 3620 Tudor and Stuart Literature (3)	
	ENGL 3640 British Literature of the Long Eighteenth Century (3)	
	ENGL 3650 Victorian Literature (3)	
	ENGL 3660 British Literature Since 1900 (3)	
Electives (Complete TWO of the following):		6
	ENGL 357G Native American Literature GI (3)	
	ENGL 3710 Literature by Women (3)	
	ENGL 373R Literature of Cultures and Places (3)	
	ENGL 374G Literature of the Sacred GI (3)	
	ENGL 376G World Literature GI (3)	
	ENGL 377G Latina/o Literature in America (3)	
	ENGL 3780 Mormon Literature (3)	
	ENGL 3790 Contemporary LGBTQ Literature (3)	
	ENGL 3820 History of Literary Criticism (3)	
	ENGL 3890 Contemporary Critical Approaches to Literature WE (3)	
	ENGL 4250 Adolescent Literature (3)	
	ENGL 4570 Studies in the Novel (3)	
	ENGL 463R Studies in Shakespeare (3)	
	ENGL 471R Eminent Authors (3)	
	ENGL 476G Multi-ethnic Literature in America (3)	
	ENGL 486R Topics in Literature (3)	

Graduation Requirements:

1. Complete all courses with no grade lower than a C-.

Technical Communication, Minor

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Requirements

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Total Program Credits: 20

Matriculation Requirements:		
1. Completion of 35 semester credits with a cumulative GPA: 2.5 minimum. Or completion of an Associate in Science or an Associate in Arts degree. Minimum grade of "C" in all courses.		
2. Admitted to a bachelor degree program at UVU.		
Discipline Core Requirements:		20 Credits
Complete the following:		
	ENGL 2100 Technical Communication HH WE	3
	ENGL 3010 Rhetorical Theory	3
	ENGL 4390 Writing Studies Capstone	3
Complete FOUR courses from the following:		12
	ENGL 3020 Modern English Grammars (3.0)	
	ENGL 3050 Advanced Editing and Design for Print Media (3.0)	
	ENGL 3300 Collaborative Communication for Technology Professions (3.0)	
	ENGL 3320 Grant and Proposal Writing (3.0)	
	ENGL 3340 Digital Document Design (3.0)	
	ENGL 401R Topics in Rhetoric (3.0)	
	ENGL 4340 Advanced Technical Communication (3.0)	
	ENGL 436R Topics in Technical Communication (3.0)	

Writing Studies, Minor

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Requirements

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and ethical skills necessary to interrogate this canon, to incorporate and legitimize their own and others' "different" voices, not just in the academy, but in any of the many situations in which language influences human activity.

Total Program Credits: 21

Discipline Core Requirements:		12 Credits
Complete the following:		
ENGL 2100	Technical Communication HH WE	3
ENGL 3010	Rhetorical Theory	3
ENGL 3060	Visual Rhetoric	3
ENGL 3070	Public Rhetorics	3
Elective Requirements:		9 Credits
Professional Writing Practices: Complete TWO of the following (or other advisor-approved Writing Studies course):		6
ENGL 2050	Editing (3)	
ENGL 3050	Advanced Editing and Design for Print Media (3)	
ENGL 3320	Grant and Proposal Writing (3)	
ENGL 4340	Advanced Technical Communication (3)	
ENGL 436R	Topics in Technical Communication (3)	
ENGL 481R	Internship (1)	
Language and Cultural Rhetorics: Complete ONE of the following (or other advisor-approved Writing Studies course):		3
ENGL 2030	Writing for Social Change HH (3)	
ENGL 3085	Rhetorical Approaches to Popular Culture (3)	
ENGL 401R	Topics in Rhetoric (3)	
ENGL 402G	Multicultural Rhetorics GI (3)	

English - Creative Writing Emphasis, B.A.

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Requirements

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Total Program Credits: 120

General Education Requirements:			36 Credits
or	ENGL 1010	Introduction to Academic Writing CC	3
	ENGH 1005	Literacies and Composition Across Contexts CC (5)	
	ENGL 2010	Intermediate Academic Writing CC	3
Complete one of the following:			3
	MAT 1030	Quantitative Reasoning QL (3) (recommended for Humanities or Arts majors)	
	MAT 1035	Quantitative Reasoning with Integrated Algebra QL (6)	
	STAT 1040	Introduction to Statistics QL (3) (recommended for Social Science majors)	
	STAT 1045	Introduction to Statistics with Algebra QL (5)	
	MATH 1050	College Algebra QL (4) (recommended for Business, Education, Science, and Health Professions majors)	
	MATH 1055	College Algebra with Preliminaries QL (5)	
	MATH 1090	College Algebra for Business QL (3) (recommended for Business majors)	
Complete one of the following:			3
	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	
	HIST 1700	American Civilization AS (3)	
	HIST 1740	US Economic History AS (3)	
	POLS 1000	American Heritage SS (3)	
	POLS 1100	American National Government AS (3)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
	HLTH 1100	Personal Health and Wellness TE	2
or	EXSC 1097	Fitness for Life TE	
Distribution Courses:			
	Biology		3
	Physical Science		3
	Additional Biology or Physical Science		3
	Humanities (Fulfilled with Foreign Language 202G/2020 course)		4
	Fine Arts		3
	Social/Behavioral Science		3
Discipline Core Requirements:			18 Credits
	ENGL 2800	Introduction to the English Major	3
	ENGL 2850	Literary History I	3
	ENGL 2870	Literary History II	3
	ENGL 2600	Critical Introduction to Literature HH	3
	ENGL 270G	Positionality and Interpretive Methods GI	3
	ENGL 3090	Academic Writing for English Majors WE	3

English and Literature

Elective Requirements:		42 Credits
	One Foreign Language (Foreign Language 202G/2020 course fulfills Humanities Distribution)	12
	Complete any courses 1000 level or higher. Upper division courses may be necessary for graduation. Please see Adviser.	30
Emphasis Requirements:		24 Credits
Degree Prerequisite:		
	ENGL 2250 Introduction to Creative Writing HH	3
or	ENGL 225H Introduction to Creative Writing Honors HH	
Complete THREE from the following:		9
	ENGL 3420 Intermediate Fiction Writing (3)	
	ENGL 3430 Play Writing for Creative Writers (3)	
	ENGL 3440 Intermediate Poetry Writing (3)	
	ENGL 3450 Intermediate Creative Nonfiction Writing (3)	
Complete ONE of the following:		3
	ENGL 4420 Advanced Fiction Writing WE (3)	
	ENGL 4440 Advanced Poetry Writing WE (3)	
	ENGL 4450 Advanced Creative Nonfiction Writing WE (3)	
Complete ONE of the following:		3
	ENGL 347R Popular Genre Writing (3)*	
	ENGL 348R Creative Writing Craft and Theory (3)*	
	ENGL 412R Studies in Literary Genres (3) (in a different genre)*	
Complete the following:		6
	ENGL 412R Studies in Literary Genres (3) (in a different genre)*	
	ENGL 4490 Creative Writing Capstone (3)	

*Course may be repeated with a different topic

Graduation Requirements:

1. Completion of a minimum of 120 semester credits, 40 of which must be upper division.
2. Overall grade point average of 2.0 (C) or above. (Departments may require a higher GPA.)
3. Residency hours -- minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
4. Completion of GE and specified departmental requirements.
5. For the BA degree, completion of 16 credit hours of course work from one language to include the 1010, 1020, 2010, and 202G/2020 levels or transferred equivalents.
6. No grade below C- in required courses.
7. Successful completion of at least one Global/Intercultural course.

English - Creative Writing Emphasis, B.A.

Careers

1. Acquire increasing mastery of techniques associated with writing fiction, non-fiction, and poetry. Mastery of narrative or poetic

techniques will double, on average, over the course of the program.

2. Students will acquire increasing mastery of formal characteristics, rhetoric, mechanics, and formatting. Mastery of formal characteristics will double, on average, over the course of the program.
3. Students will innovate in form or content. Mastery of conventions and willingness to use them strategically will double, on average, over the course of the program.

Related Careers

- English Language and Literature Teachers, Postsecondary
- Postsecondary Teachers, All Other
- Editors
- Writers and Authors

English - Creative Writing Emphasis, B.S.

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Total Program Credits: 120

General Education Requirements:		35 Credits
	ENGL 1010 Introduction to Academic Writing CC	3
or	ENGL 1005 Literacies and Composition Across Contexts CC (5)	
	ENGL 2010 Intermediate Academic Writing CC	3
Complete one of the following:		3
	MAT 1030 Quantitative Reasoning QL (3) (recommended for Humanities or Arts majors)	
	MAT 1035 Quantitative Reasoning with Integrated Algebra QL (6)	
	STAT 1040 Introduction to Statistics QL (3) (recommended for Social Science majors)	
	STAT 1045 Introduction to Statistics with Algebra QL (5)	
	MATH 1050 College Algebra QL (4) (recommended for Business, Education, Science, and Health Professions majors)	
	MATH 1055 College Algebra with Preliminaries QL (5)	
	MATH 1090 College Algebra for Business QL (3) (recommended for Business majors)	

Complete one of the following:		3
	HIST 2700	US History to 1877 AS (3)
and	HIST 2710	US History since 1877 AS (3)
	HIST 1700	American Civilization AS (3)
	HIST 1740	US Economic History AS (3)
	POLS 1000	American Heritage SS (3)
	POLS 1100	American National Government AS (3)
Complete the following:		
	PHIL 2050	Ethics and Values IH 3
	HLTH 1100	Personal Health and Wellness TE 2
or	EXSC 1097	Fitness for Life TE
Distribution Courses:		
	Biology	3
	Physical Science	3
	Additional Biology or Physical Science	3
	Humanities	3
	Fine Arts	3
	Social/Behavioral Science	3
Discipline Core Requirements:		18 Credits
	ENGL 2800	Introduction to the English Major 3
	ENGL 2850	Literary History I 3
	ENGL 2870	Literary History II 3
	ENGL 2600	Critical Introduction to Literature HH 3
	ENGL 270G	Positionality and Interpretive Methods GI 3
	ENGL 3090	Academic Writing for English Majors WE 3
Elective Requirements:		43 Credits
Complete any courses 1000 level or higher. Upper division may be necessary for graduation. Please see Adviser.		43
Emphasis Requirements:		24 Credits
Degree Prerequisite:		
	ENGL 2250	Introduction to Creative Writing HH 3
or	ENGL 225H	Introduction to Creative Writing Honors HH
Complete THREE from the following:		9
	ENGL 3420	Intermediate Fiction Writing (3)
	ENGL 3430	Play Writing for Creative Writers (3)
	ENGL 3440	Intermediate Poetry Writing (3)
	ENGL 3450	Intermediate Creative Nonfiction Writing (3)
Complete ONE of the following:		3
	ENGL 4420	Advanced Fiction Writing WE (3)
	ENGL 4440	Advanced Poetry Writing WE (3)
	ENGL 4450	Advanced Creative Nonfiction Writing WE (3)
Complete ONE of the following:		3
	ENGL 347R	Popular Genre Writing (3)*

ENGL 348R	Creative Writing Craft and Theory (3)*	
ENGL 412R	Studies in Literary Genres (3) (in a different genre)*	
Complete the following:		6
ENGL 412R	Studies in Literary Genres (3) (in a different genre)*	
ENGL 4490	Creative Writing Capstone (3)	

*Course may be repeated with a different topic

Graduation Requirements:

1. Completion of a minimum of 120 semester credits, 40 of which must be 3000 level or higher.
2. Overall grade point average of 2.0 (C) or above. (Departments may require a higher GPA.)
3. Residency hours -- minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
4. Completion of GE and specified departmental requirements.
5. No grade below C- in required courses.
6. Successful completion of at least one Global/Intercultural course.

English - Creative Writing Emphasis, B.S. Careers

Program Learning Outcomes

1. Acquire increasing mastery of techniques associated with writing fiction, non-fiction, and poetry. Mastery of narrative or poetic techniques will double, on average, over the course of the program.
2. Students will acquire increasing mastery of formal characteristics, rhetoric, mechanics, and formatting. Mastery of formal characteristics will double, on average, over the course of the program.
3. Students will innovate in form or content. Mastery of conventions and willingness to use them strategically will double, on average, over the course of the program.

Related Careers

- English Language and Literature Teachers, Postsecondary
- Postsecondary Teachers, All Other
- Editors
- Writers and Authors

English - Literary Studies Emphasis, B.A.

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Requirements

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English and Literature

academy, but in any of the many situations in which language influences human activity.

Total Program Credits: 120

General Education Requirements:		36 Credits
	ENGL 1010 Introduction to Academic Writing CC	3
or	ENGH 1005 Literacies and Composition Across Contexts CC (5)	
	ENGL 2010 Intermediate Academic Writing CC	3
Complete one of the following:		3
	MAT 1030 Quantitative Reasoning QL (3) (recommended for Humanities or Arts majors)	
	MAT 1035 Quantitative Reasoning with Integrated Algebra QL (6)	
	STAT 1040 Introduction to Statistics QL (3) (recommended for Social Science majors)	
	STAT 1045 Introduction to Statistics with Algebra QL (5)	
	MATH 1050 College Algebra QL (4) (recommended for Business, Education, Science, and Health Professions majors)	
	MATH 1055 College Algebra with Preliminaries QL (5)	
	MATH 1090 College Algebra for Business QL (3) (recommended for Business majors)	
Complete one of the following:		3
	HIST 2700 US History to 1877 AS (3)	
and	HIST 2710 US History since 1877 AS (3)	
	HIST 1700 American Civilization AS (3)	
	HIST 1740 US Economic History AS (3)	
	POLS 1000 American Heritage SS (3)	
	POLS 1100 American National Government AS (3)	
Complete the following:		
	PHIL 2050 Ethics and Values IH	3
	HLTH 1100 Personal Health and Wellness TE	2
or	EXSC 1097 Fitness for Life TE	
Distribution Courses:		
	Biology	3
	Physical Science	3
	Additional Biology or Physical Science	3
	Humanities (Fulfilled with Foreign Language 202G/2020 course)	4
	Fine Arts	3
	Social/Behavioral Science	3
Discipline Core Requirements:		18 Credits
	ENGL 2800 Introduction to the English Major	3
	ENGL 2850 Literary History I	3
	ENGL 2870 Literary History II	3
	ENGL 2600 Critical Introduction to Literature HH	3

ENGL 270G	Positionality and Interpretive Methods GI	3
ENGL 3090	Academic Writing for English Majors WE	3
Elective Requirements:		42 Credits
One Foreign Language (Foreign Language 202G/2020 course fulfills Humanities Distribution)		12
Complete any courses 1000 level or higher. Upper division courses may be necessary for graduation. Please see Adviser.		30
Emphasis Requirements:		24 Credits
American Literature (complete TWO from the following):		6
ENGL 3510	Early American Literature (3)	
ENGL 3520	Nineteenth Century American Literature (3)	
ENGL 3530	Modern American Literature (3)	
ENGL 3540	Contemporary American Literature (3)	
British Literature, pre-1700 (complete ONE from the following):		3
ENGL 3610	Medieval Literature (3)	
ENGL 3620	Tudor and Stuart Literature (3)	
British Literature, post-1700 (complete ONE from the following):		3
ENGL 3640	British Literature of the Long Eighteenth Century (3)	
ENGL 3650	Victorian Literature (3)	
ENGL 3660	British Literature Since 1900 (3)	
ENGL 3890	Contemporary Critical Approaches to Literature WE	3
Eminent Authors (Complete ONE of the following):		3
ENGL 463R	Studies in Shakespeare (3)	
ENGL 471R	Eminent Authors (3)	
Diversity Elective (Complete ONE of the following):		3
ENGL 357G	Native American Literature GI (3)	
ENGL 3710	Literature by Women (3)	
ENGL 373R	Literature of Cultures and Places (3)	
ENGL 376G	World Literature GI (3)	
ENGL 377G	Latina/o Literature in America (3)	
ENGL 3790	Contemporary LGBTQ Literature (3)	
ENGL 476G	Multi-ethnic Literature in America GI (3)	
ENGL 4790	Literary Studies Capstone	3

Graduation Requirements:

1. Completion of a minimum of 120 semester credits, 40 of which must be upper division.
2. Overall grade point average of 2.0 (C) or above. (Departments may require a higher GPA.)
3. Residency hours -- minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
4. Completion of GE and specified departmental requirements.

- For the BA degree, completion of 16 credit hours of course work from one language to include the 1010, 1020, 2010, and 202G/2020 levels or transferred equivalents.
- No grade below C- in required courses.
- Successful completion of at least one Global/Intercultural course.

English - Literary Studies Emphasis, B.A.

Careers

- Successful students will signify their appreciation of a broad array of texts by analyzing them for their, achieving a final score of 4 in this area in 4950.
- Successful students will identify and define important literary critical terms and trends pertinent to a specific time period as exhibited within representative texts, achieving a score of 3 or higher on this learning outcome in English 4950.
- Successful students will develop and articulate textual interpretations using one or more literary critical schools of thought as a basis, achieving a score of 3 or higher for this learning outcome in English 4950.
- Successful students will present a multipoint argument for a primary text's meaning supported by, achieving a score of 3 or greater on this learning general literary terminology and secondary sources outcome in 4950.

Related Careers

- English Language and Literature Teachers, Postsecondary
- Secondary School Teachers, Except Special and Career/Technical Education

English - Literary Studies Emphasis, B.S.

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Requirements

UVU's English program is designed to give students skill, confidence, and versatility in writing, speaking, and interpreting texts. The program provides opportunities for students to consider and practice the applications of effective language use in diverse situations: professional, pragmatic, social, political, and aesthetic. The English program emphasizes knowledge and use of standard English in all written work, yet incorporates an understanding that English is a desirably diverse and variable phenomenon. The courses of study in English are designed to familiarize students with much of the traditional canon of literature. They are also designed to provide students with the critical and ethical skills necessary to interrogate this canon, to incorporate and legitimize their own and others' "different" voices, not just in the academy, but in any of the many situations in which language influences human activity.

Total Program Credits: 120

General Education Requirements:		35 Credits
	ENGL 1010 Introduction to Academic Writing CC	3
or	ENGL 1005 Literacies and Composition Across Contexts CC (5)	
	ENGL 2010 Intermediate Academic Writing CC	3
Complete one of the following:		3
	MAT 1030 Quantitative Reasoning QL (3) (recommended for Humanities or Arts majors)	
	MAT 1035 Quantitative Reasoning with Integrated Algebra QL (6)	

	STAT 1040 Introduction to Statistics QL (3) (recommended for Social Science majors)	
	STAT 1045 Introduction to Statistics with Algebra QL (5)	
	MATH 1050 College Algebra QL (4) (recommended for Business, Education, Science, and Health Professions majors)	
	MATH 1055 College Algebra with Preliminaries QL (5)	
	MATH 1090 College Algebra for Business QL (3) (recommended for Business majors)	
Complete one of the following:		3
	HIST 2700 US History to 1877 AS (3)	
and	HIST 2710 US History since 1877 AS (3)	
	HIST 1700 American Civilization AS (3)	
	HIST 1740 US Economic History AS (3)	
	POLS 1000 American Heritage SS (3)	
	POLS 1100 American National Government AS (3)	
Complete the following:		
	PHIL 2050 Ethics and Values IH	3
	HLTH 1100 Personal Health and Wellness TE	2
or	EXSC 1097 Fitness for Life TE	
Distribution Courses:		
	Biology	3
	Physical Science	3
	Additional Biology or Physical Science	3
	Humanities	3
	Fine Arts	3
	Social/Behavioral Science	3
Discipline Core Requirements:		18 Credits
	ENGL 2800 Introduction to the English Major	3
	ENGL 2850 Literary History I	3
	ENGL 2870 Literary History II	3
	ENGL 2600 Critical Introduction to Literature HH	3
	ENGL 270G Positionality and Interpretive Methods GI	3
	ENGL 3090 Academic Writing for English Majors WE	3
Elective Requirements:		43 Credits
	Complete any courses 1000 level or higher. Upper division may be necessary for graduation. Please see Adviser.	43
Emphasis Requirements:		24 Credits
American Literature (complete TWO from the following):		6
	ENGL 3510 Early American Literature (3)	
	ENGL 3520 Nineteenth Century American Literature (3)	
	ENGL 3530 Modern American Literature (3)	
	ENGL 3540 Contemporary American Literature (3)	

English and Literature

British Literature, pre-1700 (complete ONE from the following):		3
ENGL 3610	Medieval Literature (3)	
ENGL 3620	Tudor and Stuart Literature (3)	
British Literature, post-1800 (complete ONE from the following)		3
ENGL 3640	British Literature of the Long Eighteenth Century (3)	
ENGL 3650	Victorian Literature (3)	
ENGL 3660	British Literature Since the Twentieth Century (3)	
ENGL 3890	Contemporary Critical Approaches to Literature WE	3
Eminent Authors (Complete ONE of the following):		3
ENGL 463R	Studies in Shakespeare (3)	
ENGL 471R	Eminent Authors (3)	
Diversity Elective (Complete ONE of the following):		3
ENGL 357G	Native American Literature GI (3)	
ENGL 3710	Literature by Women (3)	
ENGL 373R	Literature of Cultures and Places (3)	
ENGL 376G	World Literature GI (3)	
ENGL 377G	Latina/o Literature in America (3)	
ENGL 3790	Contemporary LGBTQ Literature (3)	
ENGL 476G	Multi-ethnic Literature in America GI (3)	
ENGL 4790	Literary Studies Capstone	3

Graduation Requirements:

1. Completion of a minimum of 120 semester credits, 40 of which must be 3000 level or higher.
2. Overall grade point average of 2.0 (C) or above. (Departments may require a higher GPA.)
3. Residency hours -- minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
4. Completion of GE and specified departmental requirements.
5. No grade below C- in required courses.
6. Successful completion of at least one Global/Intercultural course.

English - Literary Studies Emphasis, B.S. Careers

1. Successful students will signify their appreciation of a broad array of texts by analyzing them for their, achieving a final score of 4 in this area in 4950.cultural, political, social, and/or historical influences, achieving a final score of 4 in this area in 4950.
2. Successful students will identify and define important literary critical terms and trends pertinent to a specific time period as exhibited within representative texts, achieving a score of 3 or higher on this learning outcome in English 4950.
3. Successful students will develop and articulate textual interpretations using one or more literary critical schools of thought as a basis, achieving a score of 3 or higher for this learning outcome in English 4950.
4. Successful students will present a multipoint argument for a primary text's meaning supported by, achieving a score of 3 or greater on this learning general literary terminology and secondary sources outcome in 4950.

Related Careers

- English Language and Literature Teachers, Postsecondary
- Secondary School Teachers, Except Special and Career/Technical Education

English - Writing Studies Emphasis, B.A.

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Requirements

UVU's English program is designed to give students skill, confidence, and versatility in writing, speaking, and interpreting texts. The program provides opportunities for students to consider and practice the applications of effective language use in diverse situations: professional, pragmatic, social, political, and aesthetic. The English program emphasizes knowledge and use of standard English in all written work, yet incorporates an understanding that English is a desirably diverse and variable phenomenon. The courses of study in English are designed to familiarize students with much of the traditional canon of literature. They are also designed to provide students with the critical and ethical skills necessary to interrogate this canon, to incorporate and legitimize their own and others' "different" voices, not just in the academy, but in any of the many situations in which language influences human activity.

Total Program Credits: 120

General Education Requirements:		36 Credits
ENGL 1010	Introduction to Academic Writing CC	3
or	ENGL 1005	Literacies and Composition Across Contexts CC (5)
	ENGL 2010	Intermediate Academic Writing CC
Complete one of the following:		3
MAT 1030	Quantitative Reasoning QL (3) (recommended for Humanities or Arts majors)	
MAT 1035	Quantitative Reasoning with Integrated Algebra QL (6)	
STAT 1040	Introduction to Statistics QL (3) (recommended for Social Science majors)	
STAT 1045	Introduction to Statistics with Algebra QL (5)	
MATH 1050	College Algebra QL (4) (recommended for Business, Education, Science, and Health Professions majors)	
MATH 1055	College Algebra with Preliminaries QL (5)	
MATH 1090	College Algebra for Business QL (3) (recommended for Business majors)	
Complete one of the following:		3
HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)
	HIST 1700	American Civilization AS (3)
	HIST 1740	US Economic History AS (3)
	POLS 1000	American Heritage SS (3)
	POLS 1100	American National Government AS (3)
Complete the following:		

	PHIL 2050	Ethics and Values IH	3
	HLTH 1100	Personal Health and Wellness TE	2
or	EXSC 1097	Fitness for Life TE	
Distribution Courses:			
		Biology	3
		Physical Science	3
		Additional Biology or Physical Science	3
		Humanities Distribution (Fulfilled with Foreign Language 202G/2020 course)	4
		Fine Arts	3
		Social/Behavioral Science	3
Discipline Core Requirements:			18 Credits
	ENGL 2800	Introduction to the English Major	3
	ENGL 2850	Literary History I	3
	ENGL 2870	Literary History II	3
	ENGL 2600	Critical Introduction to Literature HH	3
	ENGL 270G	Positionality and Interpretive Methods GI	3
	ENGL 3090	Academic Writing for English Majors WE	3
Elective Requirements:			42 Credits
		One Foreign Language (Foreign Language 202G/2020 course fulfills Humanities Distribution)	12
		Complete any courses 1000 level or higher. Upper division courses may be necessary for graduation. Please see Adviser.	30
Emphasis Requirements:			24 Credits
	ENGL 2100	Technical Communication HH WE	3
	ENGL 3010	Rhetorical Theory	3
	ENGL 402G	Multicultural Rhetorics GI	3
	ENGL 4390	Writing Studies Capstone	3
Professional Writing Practices--Complete TWO of the following (or other advisor-approved Writing Studies courses):			6
	ENGL 2050	Editing (3)	
	ENGL 3020	Modern English Grammars (3)	
	ENGL 3050	Advanced Editing and Design for Print Media (3)	
	ENGL 3320	Grant and Proposal Writing (3)	
	ENGL 3340	Digital Document Design (3)	
	ENGL 4340	Advanced Technical Communication (3)	
	ENGL 436R	Topics in Technical Communication (3)	
Language and Cultural Rhetorics--Complete TWO of the following (or other advisor-approved Writing Studies courses):			6
	ENGL 2030	Writing for Social Change HH (3)	
	ENGL 304G	History of the English Language GI (3)	
	ENGL 3060	Visual Rhetoric (3)	
	ENGL 3070	Public Rhetorics (3)	

ENGL 3085	Rhetorical Approaches to Popular Culture (3)	
ENGL 401R	Topics in Rhetoric (3)	

Graduation Requirements:

1. Completion of a minimum of 120 semester credits, 40 of which must be upper division.
2. Overall grade point average of 2.0 (C) or above. (Departments may require a higher GPA.)
3. Residency hours -- minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
4. Completion of GE and specified departmental requirements.
5. For the BA degree, completion of 16 credit hours of course work from one language to include the 1010, 1020, 2010, and 202G/2020 levels or transferred equivalents.
6. No grade below C- in required courses.
7. Successful completion of at least one Global/Intercultural course.

English - Writing Studies Emphasis, B.A.**Careers**

1. Acquire increasing mastery of techniques associated with writing fiction, non-fiction, and poetry. Mastery of narrative or poetic techniques will double, on average, over the course of the program.
2. Students will acquire increasing mastery of formal characteristics, rhetoric, mechanics, and formatting. Mastery of formal characteristics will double, on average, over the course of the program.
3. Students will innovate in form or content. Mastery of conventions and willingness to use them strategically will double, on average, over the course of the program.

Related Careers

- English Language and Literature Teachers, Postsecondary
- Postsecondary Teachers, All Other
- Editors
- Technical Writers
- Writers and Authors

English - Writing Studies Emphasis, B.S.

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Total Program Credits: 120

General Education Requirements:		35 Credits
ENGL 1010	Introduction to Academic Writing CC	3

English and Literature

or	ENGL 1005	Literacies and Composition Across Contexts CC (5)	
	ENGL 2010	Intermediate Academic Writing CC	3
Complete one of the following:			3
	MAT 1030	Quantitative Reasoning QL (3) (recommended for Humanities or Arts majors)	
	MAT 1035	Quantitative Reasoning with Integrated Algebra QL (6)	
	STAT 1040	Introduction to Statistics QL (3) (recommended for Social Science majors)	
	STAT 1045	Introduction to Statistics with Algebra QL (5)	
	MATH 1050	College Algebra QL (4) (recommended for Business, Education, Science, and Health Professions majors)	
	MATH 1055	College Algebra with Preliminaries QL (5)	
	MATH 1090	College Algebra for Business QL (3) (recommended for Business majors)	
Complete one of the following:			3
	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	
	HIST 1700	American Civilization AS (3)	
	HIST 1740	US Economic History AS (3)	
	POLS 1000	American Heritage SS (3)	
	POLS 1100	American National Government AS (3)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
	HLTH 1100	Personal Health and Wellness TE	2
or	EXSC 1097	Fitness for Life TE	
Distribution Courses:			
	Biology		3
	Physical Science		3
	Additional Biology or Physical Science		3
	Humanities		3
	Fine Arts		3
	Social/Behavioral Science		3
Discipline Core Requirements:			18 Credits
	ENGL 2800	Introduction to the English Major	3
	ENGL 2850	Literary History I	3
	ENGL 2870	Literary History II	3
	ENGL 2600	Critical Introduction to Literature HH	3
	ENGL 270G	Positionality and Interpretive Methods GI	3
	ENGL 3090	Academic Writing for English Majors WE	3
Elective Requirements:			43 Credits
	Complete any courses 1000 level or higher. Upper division may be necessary for graduation. Please see Adviser.		43

Emphasis Requirements:			24 Credits
	ENGL 2100	Technical Communication HH WE	3
	ENGL 3010	Rhetorical Theory	3
	ENGL 402G	Multicultural Rhetorics GI	3
	ENGL 4390	Writing Studies Capstone	3
Professional Writing Practices--Complete TWO of the following (or other advisor-approved Writing Studies courses):			6
	ENGL 2050	Editing (3)	
	ENGL 3020	Modern English Grammars (3)	
	ENGL 3050	Advanced Editing and Design for Print Media (3)	
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	ENGL 3340	Digital Document Design (3)	
	ENGL 4340	Advanced Technical Communication (3)	
	ENGL 436R	Topics in Technical Communication (3)	
Language and Cultural Rhetorics--Complete TWO of the following (or other advisor-approved Writing Studies courses):			6
	ENGL 2030	Writing for Social Change HH (3)	
	ENGL 304G	History of the English Language GI (3)	
	ENGL 3060	Visual Rhetoric (3)	
	ENGL 3070	Public Rhetorics (3)	
	ENGL 3085	Rhetorical Approaches to Popular Culture (3)	
	ENGL 401R	Topics in Rhetoric (3)	

Graduation Requirements:

1. Completion of a minimum of 120 semester credits, 40 of which must be 3000 level or higher.
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3. Residency hours -- minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
4. Completion of GE and specified departmental requirements.
5. No grade below C- in required courses.
6. Successful completion of at least one Global/Intercultural course.

English - Writing Studies Emphasis, B.S. Careers

1. Apply a range of rhetorical theory (from classical to contemporary) to the analysis of both academic and public/popular texts' construction and effectiveness. 80% of students will score at or above a 3.
2. Compose multimodal documents that successfully synthesize text and other design elements (graphical, aural, interactivity, etc.) with rhetorical purpose. 80% of students will score at or above a 3.
3. Reflect upon and synthesize the relevance and applicability of coursework to the successful completion of a Writing Studies related internship.

Related Careers

- English Language and Literature Teachers, Postsecondary
- Postsecondary Teachers, All Other
- Editors

- Technical Writers
- Writers and Authors

English Education, B.A.

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Requirements

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Total Program Credits: 122

Matriculation Requirements:		
Secondary Education Matriculation Requirements:		
<ol style="list-style-type: none"> 1. GPA of 3.0 or higher with no grade lower than a C in content area courses. 2. Completion of all General Education requirements and 70% of content area courses. 3. Pass LiveScan Criminal Background Check. 4. ENGL 2010 and MATH QL courses must have a grade of C or higher. 		
General Education Requirements:		36 Credits
	ENGL 1010 Introduction to Academic Writing CC	3
or	ENGL 1005 Literacies and Composition Across Contexts CC (5)	
	ENGL 2010 Intermediate Academic Writing CC	3
Complete one of the following:		3
	MAT 1030 Quantitative Reasoning QL (3)	
	MAT 1035 Quantitative Reasoning with Integrated Algebra QL (6)	
	STAT 1040 Introduction to Statistics QL (3)	
	STAT 1045 Introduction to Statistics with Algebra QL (5)	
	MATH 1050 College Algebra QL (4)	
	MATH 1055 College Algebra with Preliminaries QL (5)	
	MATH 1090 College Algebra for Business QL (3)	
Complete one of the following:		3
	HIST 2700 US History to 1877 AS (3)	
and	HIST 2710 US History since 1877 AS (3)	
	HIST 1700 American Civilization AS (3)	
	HIST 1740 US Economic History AS (3)	
	POLS 1000 American Heritage SS (3)	
	POLS 1100 American National Government AS (3)	

Complete the following:		
	PHIL 2050 Ethics and Values IH	3
	HLTH 1100 Personal Health and Wellness TE	2
or	EXSC 1097 Fitness for Life TE	
Distribution Courses:		
	Biology	3
	Physical Science	3
	Additional Biology or Physical Science	3
	Humanities Distribution (Fulfilled with Foreign Language 202G/202O course)	4
	Fine Arts Distribution	3
	Social/Behavioral Science	3
Discipline Core Requirements:		74 Credits
Complete the following:		
	ENGL 2800 Introduction to the English Major	3
	ENGL 2850 Literary History I	3
or	ENGL 2870 Literary History II	
	ENGL 2600 Critical Introduction to Literature HH	3
	ENGL 270G Positionality and Interpretive Methods GI	3
	ENGL 3090 Academic Writing for English Majors WE	3
	ENGL 2250 Introduction to Creative Writing HH	3
American Literature (complete ONE from the following)		3
	ENGL 3510 Early American Literature (3)	
	ENGL 3520 Nineteenth Century American Literature (3)	
	ENGL 3530 Modern American Literature (3)	
	ENGL 3540 Contemporary American Literature (3)	
British Literature (complete ONE from the following)		3
	ENGL 3610 Medieval Literature (3)	
	ENGL 3620 Tudor and Stuart Literature (3)	
	ENGL 3640 British Literature of the Long Eighteenth Century (3)	
	ENGL 3650 Victorian Literature (3)	
	ENGL 3660 British Literature Since 1900 (3)	
Complete the following:		
	ENGL 4250 Adolescent Literature	3
	ENGL 463R Studies in Shakespeare	3
	ENGL 4220 Teaching Reading and Literature	3
	ENGL 4225 Teaching Reading Practicum	1
	ENGL 4230 Teaching Writing	3
	ENGL 4235 Teaching Writing Practicum	1
	ENGL 4240 Grammar and Unit Design in the English Classroom	3
	ENGL 4245 Grammar and Unit Design Practicum	1
	Elective Complete any ENGL course not already fulfilling a degree requirement	3
Secondary Education Licensure *:		

English and Literature

	EDSC 1010	Introduction to Education	2
	EDSC 3000	Educational Psychology	3
	EDSC 325G	Equitable Technology Integration GI	2
	EDSP 340G	Exceptional Students GI	2
	EDSC 4200	Classroom Management I	2
	EDSC 4250	Classroom Management II	2
	EDSC 445G	Multicultural Instruction ESL GI	3
	EDSC 455G	Secondary Curriculum Instruction and Assessment GI	3
	EDSC 4850	Student Teaching Secondary	8
	EDSC 4990	Teacher Performance Assessment Project WE	2
Elective Requirements:			12 Credits
	One Foreign Language (Foreign Language 202G/2020 course fulfills Humanities Distribution)		12

*[ENGL 4240](#) Grammar and Unit Design in the English Classroom is substituted for [EDSC 4440](#) Content Area Literacies

Graduation Requirements:

1. Completion of a minimum of 122 semester credits.
2. Overall GPA of 3.0 (B) or above with no grade lower than a C in major required content courses and no grade lower than a B- in Licensure and Methods courses.
3. Residency hours -- minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
4. Completion of GE and specified departmental requirements.
5. For the BA degree, completion of 16 credit hours of course work from one foreign language to include the 1010, 1020, 2010, and 202G/2020* levels or transferred equivalents.
6. Successful completion of at least one Global/Intercultural course.

English Education, B.A.

Careers

1. Students will design lessons that are focused on helping students achieve the stated ILO. 80% of the students will score a 3 or higher on the final assessment.
2. Students will design lesson plans that follows a logical sequence and plans for effective transitions between activities.
3. Students will design lesson plans with instructional approaches, learning strategies, and lesson activities that are varied in nature and structure so as to include all learners.

Related Careers

- Education Teachers, Postsecondary
- English Language and Literature Teachers, Postsecondary
- Middle School Teachers, Except Special and Career/Technical Education
- Secondary School Teachers, Except Special and Career/Technical Education

English Education, B.S.

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Requirements

UVU's English program is designed to give students skill, confidence, and versatility in writing, speaking, and interpreting texts. The program provides opportunities for students to consider and practice the applications of effective language use in diverse situations: professional, pragmatic, social, political, and aesthetic. The English program emphasizes knowledge and use of standard English in all written work, yet incorporates an understanding that English is a desirably diverse and variable phenomenon. The courses of study in English are designed to familiarize students with much of the traditional canon of literature. They are also designed to provide students with the critical and ethical skills necessary to interrogate this canon, to incorporate and legitimize their own and others' "different" voices, not just in the academy, but in any of the many situations in which language influences human activity.

Total Program Credits: 122

Matriculation Requirements:			
Secondary Education Matriculation Requirements:			
	<ol style="list-style-type: none"> 1. ENGL and MATH QL courses must have a grade C or higher. 2. GPA of 3.0 or higher with no grade lower than a C in content area courses. 3. Completion of all General Education requirements and 70% of content area courses. 4. Pass LiveScan Criminal Background Check. 		
General Education Requirements:			35 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGL 1005	Literacies and Composition Across Contexts CC (5)	
	ENGL 2010	Intermediate Academic Writing CC	3
Complete one of the following:			3
	MAT 1030	Quantitative Reasoning QL (3)	
	MAT 1035	Quantitative Reasoning with Integrated Algebra QL (6)	
	STAT 1040	Introduction to Statistics QL (3)	
	STAT 1045	Introduction to Statistics with Algebra QL (5)	
	MATH 1050	College Algebra QL (4)	
	MATH 1055	College Algebra with Preliminaries QL (5)	
	MATH 1090	College Algebra for Business QL (3)	
Complete one of the following:			3
	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	
	HIST 1700	American Civilization AS (3)	
	HIST 1740	US Economic History AS (3)	
	POLS 1000	American Heritage SS (3)	
	POLS 1100	American National Government AS (3)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
	HLTH 1100	Personal Health and Wellness TE (2)	
or	EXSC 1097	Fitness for Life TE	2
Distribution Courses:			
	Biology		3

	Physical Science	3
	Additional Biology or Physical Science	3
	Humanities	3
	Fine Arts	3
	Social/Behavioral Science	3
Discipline Core Requirements:		74 Credits
Complete the following:		
	ENGL 2800 Introduction to the English Major	3
	ENGL 2850 Literary History I	3
or	ENGL 2870 Literary History II	
	ENGL 2600 Critical Introduction to Literature HH	3
	ENGL 270G Positionality and Interpretive Methods GI	3
	ENGL 3090 Academic Writing for English Majors WE	3
	ENGL 2250 Introduction to Creative Writing HH	3
American Literature (complete ONE from the following)		3
	ENGL 3510 Early American Literature (3)	
	ENGL 3520 Nineteenth Century American Literature (3)	
	ENGL 3530 Modern American Literature (3)	
	ENGL 3540 Contemporary American Literature (3)	
British Literature (complete ONE from the following)		3
	ENGL 3610 Medieval Literature (3)	
	ENGL 3620 Tudor and Stuart Literature (3)	
	ENGL 3640 British Literature of the Long Eighteenth Century (3)	
	ENGL 3650 Victorian Literature (3)	
	ENGL 3660 British Literature Since 1900 (3)	
Complete the following:		
	ENGL 4250 Adolescent Literature	3
	ENGL 463R Studies in Shakespeare	3
	ENGL 4220 Teaching Reading and Literature	3
	ENGL 4225 Teaching Reading Practicum	1
	ENGL 4230 Teaching Writing	3
	ENGL 4235 Teaching Writing Practicum	1
	ENGL 4240 Grammar and Unit Design in the English Classroom	3
	ENGL 4245 Grammar and Unit Design Practicum	1
	Elective	3
Complete any ENGL course not already fulfilling a degree requirement		
Secondary Education Licensure*		
	EDSC 1010 Introduction to Education	2
	EDSC 3000 Educational Psychology	3
	EDSC 325G Equitable Technology Integration GI	2
	EDSP 340G Exceptional Students GI	2
	EDSC 4200 Classroom Management I	2
	EDSC 4250 Classroom Management II	2
	EDSC 445G Multicultural Instruction ESL GI	3

EDSC 455G	Secondary Curriculum Instruction and Assessment GI	3
EDSC 4850	Student Teaching Secondary	8
EDSC 4990	Teacher Performance Assessment Project WE	2
Elective Requirements:		13 Credits
Any course 1000 or higher		13

*[ENGL 4240](#) Grammar and Unit Design in the English Classroom is substituted for [EDSC 4440](#) Content Area Literacies

Graduation Requirements:

1. Completion of a minimum of 122 semester credits.
2. Overall GPA of 3.0 (B) or above with no grade lower than a C in major required content courses and no grade lower than a B- in Licensure and Methods courses.
3. Residency hours -- minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
4. Completion of GE and specified departmental requirements.
5. Successful completion of at least one Global/Intercultural course.

English Education, B.S.

Careers

1. Students will design lessons that are focused on helping students achieve the stated ILO. 80% of the students will score a 3 or higher on the final assessment.
2. Students will design lesson plans that follows a logical sequence and plans for effective transitions between activities.
3. Students will design lesson plans with instructional approaches, learning strategies, and lesson activities that are varied in nature and structure so as to include all learners.

Related Careers

- Education Teachers, Postsecondary
- English Language and Literature Teachers, Postsecondary
- Middle School Teachers, Except Special and Career/Technical Education
- Secondary School Teachers, Except Special and Career/Technical Education

Exercise Science and Outdoor Recreation

DEPARTMENT CHAIR

CREER, Andrew Professor

FACULTY

BARCELLOS DIAS CLARK, Nicolas Assistant Professor

BOHNE, Michael Professor

CICCONE, Anthony B. Assistant Professor

CREER, Andrew Professor

DRAPER, Shane N. Assistant Professor

JENSEN, Ellis B. Associate Professor

LINDLEY, Betsy Professor

STANDIFIRD, Tyler Assistant Professor

WHEATLEY, Laura Lecturer

WILLIAMS, Scott Associate Professor

Degrees & Programs

Exercise Science and Outdoor Recreation, A.A.

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Requirements

Students who complete an Associate's Degree in Exercise Science and Outdoor Recreation have received the basic knowledge necessary to continue their education in a Bachelor's Program or pursue employment in the Fitness industry.

Total Program Credits: 60

General Education Requirements:		35 Credits
	ENGL 1010 Introduction to Academic Writing CC	3
or	ENGH 1005 Literacies and Composition Across Contexts CC (5.0)	
	ENGL 2010 Intermediate Academic Writing CC	3
Complete one of the following:		3
	MAT 1030 Quantitative Reasoning QL (recommended for Humanities or Arts majors) (3.0)	
	MAT 1035 Quantitative Reasoning with Integrated Algebra QL (6.0)	
	STAT 1040 Introduction to Statistics QL (recommended for Social Science majors) (3.0)	
	STAT 1045 Introduction to Statistics with Algebra QL (5.0)	
	MATH 1050 College Algebra QL (recommended for Business, Education, Science, and Health Professions majors) (4.0)	
	MATH 1055 College Algebra with Preliminaries QL (5.0)	

	MATH 1090 College Algebra for Business QL (recommended for Business majors) (3.0)	
Complete one of the following:		3
	HIST 2700 US History to 1877 AS (3.0)	
and	HIST 2710 US History since 1877 AS (3.0)	
	HIST 1700 American Civilization AS (3.0)	
	HIST 1740 US Economic History AS (3.0)	
	POLS 1000 American Heritage SS (3.0)	
	POLS 1100 American National Government AS (3.0)	
Complete the following:		
	PHIL 2050 Ethics and Values IH	3
	HLTH 1100 Personal Health and Wellness TE	2
or	EXSC 1097 Fitness for Life TE	
Distribution Courses:		
	Biology ¹	3
	Physical Science	3
	Additional Biology or Physical Science	3
	Humanities Distribution	3
	Fine Arts Distribution	3
	Social/Behavioral Science	3
Discipline Core Requirements:		16 Credits
	EXSC 270G Foundations of Exercise Science GI	3
Complete 13 credits from the following:		13
	CHEM 1110 Elementary Chemistry for the Health Sciences PP (4.0)	
	ZOOL 2320 Human Anatomy BB (3.0)	
and	ZOOL 2325 Human Anatomy Laboratory (1.0)	
	ZOOL 2420 Human Physiology (3.0)	
and	ZOOL 2425 Human Physiology Laboratory (1.0)	
	STAT 2040 Principles of Statistics QL (4.0)	
	EXSC 2500 Sports Medicine (3.0)	
	Any EXSC or PETE courses approved by department (maximum of 2 hours)	
Elective Requirements:		9 Credits
	Same Foreign Language	8
	Any 1000-level course or higher	1

Graduation Requirements:

1. Completion of a minimum of 60 semester credits.
2. Overall grade point average of 2.0 (C) or above. (Departments may require a higher GPA.)
3. Residency hours -- minimum of 20 credit hours through course attendance at UVU.
4. Completion of GE and specified departmental requirements.
5. For the AA degree, completion of 8 credit hours of course work from one language.

1-ZOOL 1090 Introduction to Human Anatomy and Physiology BB strongly recommended

Exercise Science and Outdoor Recreation, A.A. Careers

1. Graduates will be proficient in critical thinking and problem solving.
2. Students will graduate in a timely manner.
3. Students will express satisfaction with opportunities for undergraduate research, and applied learning through service-learning and internship opportunities throughout the program.
4. Graduates will be proficient in applied skills that support professional competencies

Related Careers

- Recreation and Fitness Studies Teachers, Postsecondary
- Athletes and Sports Competitors
- Coaches and Scouts
- Fitness Trainers and Aerobics Instructors

Exercise Science and Outdoor Recreation, A.S.

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Requirements

Students who complete an Associate's Degree in Exercise Science and Outdoor Recreation have received the basic knowledge necessary to continue their education in a Bachelor's Program or pursue employment in the Fitness industry.

Total Program Credits: 60

General Education Requirements:		35 Credits
	ENGL 1010 Introduction to Academic Writing CC	3
or	ENGL 1005 Literacies and Composition Across Contexts CC (5.0)	
	ENGL 2010 Intermediate Academic Writing CC	3
Complete one of the following:		3
	MAT 1030 Quantitative Reasoning QL (recommended for Humanities or Arts majors) (3.0)	
	MAT 1035 Quantitative Reasoning with Integrated Algebra QL (6.0)	
	STAT 1040 Introduction to Statistics QL (recommended for Social Science majors) (3.0)	
	STAT 1045 Introduction to Statistics with Algebra QL (5.0)	
	MATH 1050 College Algebra QL (4.0) (recommended for Business, Education, Science, and Health Professions majors)	
	MATH 1055 College Algebra with Preliminaries QL (5.0)	
	MATH 1090 College Algebra for Business QL (recommended for Business majors) (3.0)	
Complete one of the following:		3
	HIST 2700 US History to 1877 AS (3.0)	
and	HIST 2710 US History since 1877 AS (3.0)	

	HIST 1700 American Civilization AS (3.0)	
	HIST 1740 US Economic History AS (3.0)	
	POLS 1000 American Heritage SS (3.0)	
	POLS 1100 American National Government AS (3.0)	
Complete the following:		
	PHIL 2050 Ethics and Values IH	3
	HLTH 1100 Personal Health and Wellness TE (2.0)	
or	EXSC 1097 Fitness for Life TE	2
Distribution Courses:		
	Biology ¹	3
	Physical Science	3
	Additional Biology or Physical Science	3
	Humanities Distribution	3
	Fine Arts Distribution	3
	Social/Behavioral Science	3
Discipline Core Requirements:		16 Credits
	EXSC 270G Foundations of Exercise Science GI	3
Complete 13 credits from the following:		13
	CHEM 1110 Elementary Chemistry for the Health Sciences PP (4.0)	
	ZOO 2320 Human Anatomy BB (3.0)	
and	ZOO 2325 Human Anatomy Laboratory (1.0)	
	ZOO 2420 Human Physiology (3.0)	
and	ZOO 2425 Human Physiology Laboratory (1.0)	
	STAT 2040 Principles of Statistics QL (4.0)	
	EXSC 2500 Sports Medicine (3.0)	
Any EXSC or PETE courses approved by department (maximum of 2 hours may be applied to graduation)		
Elective Requirements:		9 Credits
	Complete any 1000-level or higher	9

Graduation Requirements:

1. Completion of a minimum of 60 semester credits.
2. Overall grade point average of 2.0 (C) or above. (Departments may require a higher GPA.)
3. Residency hours -- minimum of 20 credit hours through course attendance at UVU.
4. Completion of GE and specified departmental requirements.

Footnote

1-[ZOO 1090](#) strongly recommended

Exercise Science and Outdoor Recreation, A.S. Careers

1. Graduates will be proficient in critical thinking and problem solving.
2. Students will graduate in a timely manner (50% of students will complete the program in 9 or less semesters (where 1 or 2 blocks in the same summer represent 1 semester).
3. Students will express satisfaction with opportunities for undergraduate research, and applied learning through service-learning and internship opportunities throughout the program.

Exercise Science and Outdoor Recreation

4. Graduates will be proficient in applied skills that support professional competencies.

Related Careers

- Recreation and Fitness Studies Teachers, Postsecondary
- Athletes and Sports Competitors
- Coaches and Scouts
- Fitness Trainers and Aerobics Instructors

Exercise Science, Minor

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Requirements

The Exercise Science curriculum has been designed to address student needs and current market demands. Through practical experiences in laboratory settings using state of the art equipment, students are exposed to a wide range of engaged learning experiences as well as research opportunities designed to develop essential skills necessary to be successful in a variety of major related fields.

Total Program Credits: 24

Discipline Core Requirements:		24 Credits
EXSC 270G	Foundations of Exercise Science GI	3
EXSC 3270	Exercise Testing and Preparation	3
EXSC 3500	Kinesiology	3
EXSC 3700	Exercise Physiology	3
EXSC 3705	Exercise Physiology Laboratory	1
ZOOL 2320	Human Anatomy BB	3
ZOOL 2325	Human Anatomy Laboratory	1
ZOOL 2420	Human Physiology	3
ZOOL 2425	Human Physiology Laboratory	1
Complete one of the following:		3
EXSC 3550	Motor Learning and Control WE (3)	
EXSC 3750	Psychosocial Aspects of Human Performance (3)	
EXSC 4000	Clinical Exercise Physiology (3)	
EXSC 4100	Physiology of Aging (3)	
EXSC 4500	Advanced Sports Nutrition (3)	
EXSC 4550	Principles of Strength and Conditioning (3)	

Exercise Science, Minor Careers

1. Enhance critical thinking and problem solving skills
2. Develop skills that support professional competencies through undergraduate research, service learning, and internship opportunities
3. Prepare students to successfully apply obtained knowledge and skills within their chosen profession

Related Careers

- Exercise Physiologists

Outdoor Recreation, Minor

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Requirements

In the Exercise Science and Outdoor Recreation Minor students complete courses in Anatomy, Physiology, Sport Medicine, Exercise Testing and Prescription, and Exercise Physiology. The program is designed to prepare students for employment at the entry level in health and fitness related occupations as well as for higher education.

Total Program Credits: 20

Matriculation Requirements:			
1. Admitted to a bachelor degree program at UVU.			
Discipline Core Requirements:			20 Credits
REC 1535	Backpacking		1
REC 2200	Foundations of Recreation		3
REC 2400	Principles of Experiential Education in Recreation		3
REC 3100	Recreation Program Planning		3
REC 3400	Risk Management		3
Complete 1 credit from the the following:			1
REC 1500	Canoeing I (1.0)		
REC 1527	Rock Climbing I (1.0)		
REC 1550	Mountain Biking (1.0)		
REC 1580	Kayak Touring(1.0)		
Complete 6 credits from the following:			6
REC 3200	Inclusive Recreation (3.0)		
REC 3500	Recreation Administration (3.0)		
REC 3700	Natural Resource Interpretation (3.0)		
REC 385G	Ethical Concerns in Recreation (3.0)		
REC 4000	Outdoor Leadership (4.0)		
REC 4400	Natural Resource and Protected Area Management (3.0)		
REC 4500	Wildland Recreation Behavior (3.0)		

Outdoor Recreation, Minor Careers

1. Express satisfaction with opportunities for applied learning
2. Comfortable and effective carrying out group activities
3. Express satisfaction with opportunities for applied learning, service learning, and learning through coursework

Related Careers

- Recreation and Fitness Studies Teachers, Postsecondary
- Athletes and Sports Competitors
- Coaches and Scouts
- Fitness Trainers and Aerobics Instructors

Exercise Science and Outdoor Recreation - Exercise Science Emphasis, B.A.

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Requirements

The Exercise Science curriculum has been designed to address student needs and current market demands. Through practical experiences in laboratory settings using state of the art equipment such as the Biodex S4, students are exposed to real life rehabilitation experiences as well as researching functional abilities and performance aspects of collegiate athletes. Additional classroom and lab experiences allow students to conduct 3-D motion analysis, measure muscle activity using wireless EMG technology, and analyze gait patterns using the GaitRite System, as well as conducting assessments to determine maximum oxygen uptake (VO2 Max), body composition, and anaerobic power.

Total Program Credits: 120

General Education Requirements:		37 Credits
	ENGL 1010 Introduction to Academic Writing CC	3
or	ENGH 1005 Literacies and Composition Across Contexts CC (5)	
	ENGL 2010 Intermediate Academic Writing CC	3
	MATH 1050 College Algebra QL	4
or	MATH 1055 College Algebra with Preliminaries QL (5)	
Complete one of the following:		3
	HIST 2700 US History to 1877 AS (3)	
and	HIST 2710 US History since 1877 AS (3)	
	HIST 1700 American Civilization AS (3)	
	HIST 1740 US Economic History AS (3)	
	POLS 1000 American Heritage SS (3)	
	POLS 1100 American National Government AS (3)	
Complete the following:		
	PHIL 2050 Ethics and Values IH	3
	HLTH 1100 Personal Health and Wellness TE	2
or	EXSC 1097 Fitness for Life TE	
Distribution Courses:		
	BIOL 1010 General Biology BB ¹	3
or	BIOL 1610 College Biology I BB (4)	
	Physical Science	3
	Third Science Distribution	3
	Humanities (any foreign language 202G/2020 course)	4
	Fine Arts	3
	Social/Behavioral Science	3
Discipline Core Requirements:		17 Credits
	EXSC 2500 Sports Medicine	3
	EXSC 3550 Motor Learning and Control WE	3
	EXSC 3750 Psychosocial Aspects of Human Performance	3
	EXSC 3270 Exercise Testing and Prescription ²	3
or	REC 385G Ethical Concerns in Recreation GI	
	EXSC 4300 Research Methods in Exercise Science and Outdoor Recreation WE	3

	EXSC 4950 Senior Seminar ³	2
or	REC 4950 Senior Seminar	
Elective Requirements:		12 Credits
Complete 12 credit hours of course work from one language to include the 1010, 1020, and 2010 levels (202G/2020 level completed in GE requirements).		12
Emphasis Requirements:		51 Credits
	BIOL 1615 College Biology I Laboratory	1
	CHEM 1110 Elementary Chemistry for the Health Sciences PP	4
or	CHEM 1210 Principles of Chemistry I PP (4)	
	ZOOL 2320 Human Anatomy BB	3
and	ZOOL 2325 Human Anatomy Laboratory	1
	ZOOL 2420 Human Physiology	3
and	ZOOL 2425 Human Physiology Laboratory	1
	EXSC 270G Foundations of Exercise Science GI	3
	EXSC 3500 Kinesiology	3
	EXSC 3700 Exercise Physiology	3
and	EXSC 3705 Exercise Physiology Laboratory	1
	EXSC 3730 Biomechanics	3
	STAT 2040 Principles of Statistics QL	3
or	PSY 3110 Statistics for the Behavioral Sciences (4)	
or	EXSC 3400 Statistical Analysis in Exercise Science (3)	
Choose 22 credits from the following (make sure selections will satisfy the requirements for upper-division course work):		22
	EXSC 4000 Clinical Exercise Physiology (3)	
	EXSC 4050 Obesity Physiology and Physical Activity (3)	
	EXSC 4100 Physiology of Aging (3)	
	EXSC 4200 Exercise Metabolism (3)	
	EXSC 4400 Physical Activity Promotion in the Community (3)	
	EXSC 4500 Advanced Sports Nutrition (3)	
	EXSC 4550 Principles of Strength and Conditioning (3)	
	EXSC 4600 Advanced Biomechanics (3)	
	EXSC 4700 Advanced Gross Motor Assessment (3)	
	CHEM 1220 Principles of Chemistry II PP (4)	
	PHYS 2020 College Physics II PP (4)	
	ZOOL 4400 Pathophysiology (4)	
	ZOOL 4700 Advanced Anatomy (4)	
	PSY 2300 Abnormal Psychology (3)	
Emphasis Elective Requirements:		3 Credits
	Any course 1000-level or higher	3

Graduation Requirements:

1. Completion of a minimum of 120 semester credits, 40 credits must be upper-division.
2. Overall grade point average of 2.0 (C) or above. (Departments may require a higher GPA.)
3. Residency hours: minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.

Exercise Science and Outdoor Recreation

- Completion of GE and specified departmental requirements.
- Completion of 16 credit hours of course work from one language to include the 1010, 1020, 2010, and 202G/2020 levels or transferred equivalents.
- No grades below C- in Discipline Core or Emphasis Courses.
- Successful completion of at least one Global/Intercultural course.

Note: Students must obtain the departmental advisor's signature on an approved program plan prior to enrollment in their second semester of study.

Footnote

- EXSC students must take BIOL 1610 and REC students must take BIOL 1010
- EXSC students must take EXSC 3270 and REC students must take REC 385G
- EXSC students must take EXSC 4950 and REC students must take REC 4950

Exercise Science and Outdoor Recreation - Exercise Science Emphasis, B.A.

Careers

- To interact and communicate effectively by presenting information in oral, written, and technology formats; collaborating with professionals and peers; expressing ideas clearly; and giving and receiving feedback.
- To utilize knowledge, skills, and abilities to evaluate health behavior risk factors; develop, implement, and evaluate exercise and wellness programs, and employ behavioral strategies to motivate individuals to adopt and maintain positive lifestyle behaviors.
- To demonstrate behavior that preserves the integrity of a profession, prevents misrepresentation, and protects the consumer.
- To continuously improve knowledge, skills, and abilities and to uphold a professional image through actions and appearance.
- To demonstrate critical thinking by making decisions based on multiple perspectives and evidence-based practice.

Related Careers

- Recreation and Fitness Studies Teachers, Postsecondary
- Athletes and Sports Competitors
- Coaches and Scouts
- Fitness Trainers and Aerobics Instructors

Exercise Science and Outdoor Recreation - Exercise Science Emphasis, B.S.

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Requirements

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Total Program Credits: 120

General Education Requirements:			36 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGH 1005	Literacies and Composition Across Contexts CC (5)	
	ENGL 2010	Intermediate Academic Writing CC	3
	MATH 1050	College Algebra QL	4
or	MATH 1055	College Algebra with Preliminaries QL (5)	
Complete one of the following:			3
	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	
	HIST 1700	American Civilization AS (3)	
	HIST 1740	US Economic History AS (3)	
	POLS 1000	American Heritage SS (3)	
	POLS 1100	American National Government AS (3)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
	HLTH 1100	Personal Health and Wellness TE (2)	
or	EXSC 1097	Fitness for Life TE	2
Distribution Courses:			
	BIOL 1010	General Biology BB ¹	3
or	BIOL 1610	College Biology I BB (4)	
	Physical Science		3
	Third Science Distribution		3
	Humanities		3
	Fine Arts		3
	Social/Behavioral Science		3
Discipline Core Requirements:			17 Credits
	EXSC 2500	Sports Medicine	3
	EXSC 3550	Motor Learning and Control WE	3
	EXSC 3750	Psychosocial Aspects of Human Performance	3
	EXSC 3270	Exercise Testing and Prescription ²	3
or	REC 385G	Ethical Concerns in Recreation GI (3)	
	EXSC 4300	Research Methods in Exercise Science and Outdoor Recreation WE	3
	EXSC 4950	Senior Seminar ³ (2)	
or	REC 4950	Senior Seminar	2
Elective Requirements:			13 Credits
	Any 1000 level or higher		13
Emphasis Requirements:			51 Credits
	BIOL 1615	College Biology I Laboratory	1
	CHEM 1110	Elementary Chemistry for the Health Sciences PP	4
or	CHEM 1210	Principles of Chemistry I PP (4)	
	ZOOL 2320	Human Anatomy BB	3
and	ZOOL 2325	Human Anatomy Laboratory	1
	ZOOL 2420	Human Physiology	3

and	ZOOL 2425	Human Physiology Laboratory	1
	EXSC 270G	Foundations of Exercise Science GI	3
	EXSC 3500	Kinesiology	3
	EXSC 3700	Exercise Physiology	3
and	EXSC 3705	Exercise Physiology Laboratory	1
	EXSC 3730	Biomechanics	3
	STAT 2040	Principles of Statistics QL (4)	
or	PSY 3110	Statistics for the Behavioral Sciences (4)	
	EXSC 3400	Statistical Analysis in Exercise Science	3
Complete 22 credits from the following (make sure selections will satisfy the requirements for upper-division course work):			22
	EXSC 4000	Clinical Exercise Physiology (3)	
	EXSC 4050	Obesity Physiology and Physical Activity (3)	
	EXSC 4100	Physiology of Aging (3)	
	EXSC 4200	Exercise Metabolism (3)	
	EXSC 4400	Physical Activity Promotion in the Community (3)	
	EXSC 4500	Advanced Sports Nutrition (3)	
	EXSC 4550	Principles of Strength and Conditioning (3)	
	EXSC 4600	Advanced Biomechanics (3)	
	EXSC 4700	Advanced Gross Motor Assessment (3)	
	CHEM 1220	Principles of Chemistry II PP (4)	
	PHYS 2020	College Physics II PP (4)	
	ZOOL 4400	Pathophysiology (4)	
	ZOOL 4700	Advanced Anatomy (4)	
	PSY 2300	Abnormal Psychology (3)	
Emphasis Elective Requirements:			3 Credits
	Any courses 1000-level or higher		3

Graduation Requirements:

1. Completion of a minimum of 120 semester credits, 40 credits must be upper-division.
2. Overall grade point average of 2.0 (C) or above. (Departments may require a higher GPA.)
3. Residency hours: minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
4. Completion of GE and specified departmental requirements.
5. No grades below C- in Discipline Core or Emphasis Courses.
6. Successful completion of at least one Global/Intercultural course.

Note: Students must obtain the departmental advisor's signature on an approved program plan prior to enrollment in their second semester of study.

Footnote

1. EXSC students must take BIOL 1610 and REC students must take BIOL 1010
2. EXSC students must take EXSC 3270 and REC students must take REC 385G
3. EXSC students must take EXSC 4950 and REC students must take REC 4950

Exercise Science and Outdoor Recreation - Exercise Science Emphasis, B.S. Careers

1. To interact and communicate effectively by presenting information in oral, written, and technology formats; collaborating with professionals and peers; expressing ideas clearly; and giving and receiving feedback.
2. To utilize knowledge, skills, and abilities to evaluate health behavior risk factors; develop, implement, and evaluate exercise and wellness programs, and employ behavioral strategies to motivate individuals to adopt and maintain positive lifestyle behaviors.
3. To demonstrate behavior that preserves the integrity of a profession, prevents misrepresentation, and protects the consumer.
4. To continuously improve knowledge, skills, and abilities and to uphold a professional image through actions and appearance.
5. To demonstrate critical thinking by making decisions based on multiple perspectives and evidence-based practice.

Related Careers

- Recreation and Fitness Studies Teachers, Postsecondary
- Athletes and Sports Competitors
- Coaches and Scouts
- Fitness Trainers and Aerobics Instructors

Exercise Science and Outdoor Recreation - Outdoor Recreation Management Emphasis, B.A.

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Requirements

In addition to a strong background in recreation theory, experiential education, outdoor leadership, risk management and program planning, graduates of this program leave with a proficiency in a variety of both land and water-based skill acquisition courses, such as avalanche awareness, whitewater kayaking and backpacking. More than preparation for a career in the outdoor field, the major in Outdoor Recreation Management grooms students for a lifetime of outdoor participation and leadership.

Total Program Credits: 120

General Education Requirements:			37 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGH 1005	Literacies and Composition Across Contexts CC	
	ENGL 2010	Intermediate Academic Writing CC	3
	MATH 1050	College Algebra QL	4
or	MATH 1055	College Algebra with Preliminaries QL (5)	
Complete one of the following:			3
	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	
	HIST 1700	American Civilization AS (3)	
	HIST 1740	US Economic History AS (3)	
	POLS 1000	American Heritage SS (3)	
	POLS 1100	American National Government AS (3)	

Exercise Science and Outdoor Recreation

Complete the following:			
	PHIL 2050	Ethics and Values IH	3
	HLTH 1100	Personal Health and Wellness TE	2
or	EXSC 1097	Fitness for Life TE	
Distribution Courses:			
	BIOL 1010	General Biology BB ¹	3
or	BIOL 1610	College Biology I BB (4)	
	Physical Science		3
	Third Science Distribution		3
	Humanities (any foreign language 202G/2020 course)		4
	Fine Arts		3
	Social/Behavioral Science		3
Discipline Core Requirements:			17 Credits
	EXSC 2500	Sports Medicine	3
	EXSC 3550	Motor Learning and Control WE	3
	EXSC 3750	Psychosocial Aspects of Human Performance	3
	EXSC 3270	Exercise Testing and Prescription ²	3
or	REC 385G	Ethical Concerns in Recreation GI	
	EXSC 4300	Research Methods in Exercise Science and Outdoor Recreation WE	3
	EXSC 4950	Senior Seminar ³	2
or	REC 4950	Senior Seminar	
Elective Requirements:			12 Credits
	Complete 12 credit hours of course work from one language to include the 1010, 1020, and 2010 levels (202G/2020 level completed in GE requirements).		12
Emphasis Requirements:			54 Credits
Complete one of the following:			3
	ACC 2010	Financial Accounting (3)	
	ENTR 3170	Entrepreneurship: Feasibility Analysis (3)	
	ENTR 3180	Developing Small Business (3)	
	ENGL 3320	Grant and Proposal Writing (3)	
	HR 3430	Introduction to Human Resource Management (3)	
	BIOL 3800	Conservation Biology (3)	
Complete the following			
	REC 1535	Backpacking	1
	REC 1542	Wilderness First Responder	2
	REC 1500	Canoeing I	1
or	REC 1580	Kayak Touring	
	REC 1527	Rock Climbing I	1
	REC 1600	Winter Exploration	1
	REC 2200	Foundations of Recreation	3
	REC 2400	Principles of Experiential Education in Recreation	3
	REC 2600	Principles of Outdoor and Adventure Education	3

	REC 2700	Leave No Trace Trainer	1
	REC 3100	Recreation Program Planning	3
	REC 3200	Inclusive Recreation	3
	REC 3300	Wilderness Skills	1
	REC 3400	Risk Management	3
	REC 3500	Recreation Administration	3
	REC 4400	Natural Resource and Protected Area Management	3
	REC 420R	Outdoor Leadership and Management Practicum	2
	REC 4800	Professional Preparation in Recreation	1
	REC 481R	Senior Internship (1-7)	7
Complete 3 credits from the following:			3
	REC 1516	Ropes Course and Teambuilding (1)	
	REC 1525	Mountaineering (1)	
	REC 1550	Mountain Biking (1)	
	REC 1505	Whitewater Kayaking I (1)	
	REC 1528	Rock Climbing II (1)	
	REC 2010	Avalanche Awareness (1)	
Complete 6 credits from the following:			6
	REC 2450	Rock Climbing Site Management and Facilitation (3)	
or	REC 2650	Principles of Challenge Education	
or	REC 2750	Principles of Water-Based Adventure Education	
	REC 3700	Natural Resource Interpretation (3)	
	REC 4000	Outdoor Leadership (4)	
	REC 4500	Wildland Recreation Behavior (3)	

Graduation Requirements:

1. Completion of a minimum of 121 semester credits, 40 credits must be upper-division.
2. Overall grade point average of 2.0 (C) or above. (Departments may require a higher GPA.)
3. Residency hours: minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
4. Completion of GE and specified departmental requirements.
5. Completion of 16 credit hours of course work from one language to include the 1010, 1020, 2010, and 202G/2020 levels or transferred equivalents.
6. No grades below C- in Discipline Core or Emphasis Courses.
7. Successful completion of at least one Global/Intercultural course.

Note: Students must obtain the departmental advisor's signature on an approved program plan prior to enrollment in their second semester of study.

Footnote	
1.	EXSC students must take BIOL 1610 and REC students must take BIOL 1010
2.	EXSC students must take EXSC 3270 and REC students must take REC385G
3.	EXSC students must take EXSC 4950 and REC students must take REC 4950

Exercise Science and Outdoor Recreation - Outdoor Recreation Management Emphasis, B.A.

Careers

1. Students will express satisfaction with opportunities for applied learning, service learning, and learning through coursework and practicum/internship
2. Students will express satisfaction with the program's breadth and depth of opportunities to improve students' outdoor skills
3. Students will express satisfaction with their ability to create and implement programs in the field of recreation
4. Students will be comfortable and effective creating and carrying out group activities
5. With professional preparation in mind, students would feel comfortable recommending this program to peers with similar professional goals

Related Careers

- Recreation and Fitness Studies Teachers, Postsecondary
- Athletes and Sports Competitors
- Coaches and Scouts
- Fitness Trainers and Aerobics Instructors

Exercise Science and Outdoor Recreation - Outdoor Recreation Management Emphasis, B.S.

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Requirements

In addition to a strong background in recreation theory, experiential education, outdoor leadership, risk management and program planning, graduates of this program leave with a proficiency in a variety of both land and water-based skill acquisition courses, such as avalanche awareness, whitewater kayaking and backpacking. More than preparation for a career in the outdoor field, the major in Outdoor Recreation Management grooms students for a lifetime of outdoor participation and leadership.

Total Program Credits: 120

General Education Requirements:		36 Credits
	ENGL 1010 Introduction to Academic Writing CC	3
or	ENGH 1005 Literacies and Composition Across Contexts CC (5)	
	ENGL 2010 Intermediate Academic Writing CC	3
	MATH 1050 College Algebra QL	4
or	MATH 1055 College Algebra with Preliminaries QL (5)	
Complete one of the following:		3
	HIST 2700 US History to 1877 AS (3)	
and	HIST 2710 US History since 1877 AS (3)	
	HIST 1700 American Civilization AS (3)	
	HIST 1740 US Economic History AS (3)	
	POLS 1000 American Heritage SS (3)	
	POLS 1100 American National Government AS (3)	
Complete the following:		
	PHIL 2050 Ethics and Values IH	3

	HLTH 1100 Personal Health and Wellness TE	2
or	EXSC 1097 Fitness for Life TE	
Distribution Courses:		
	BIOL 1010 General Biology BB ¹	3
or	BIOL 1610 College Biology I BB (4)	
	Physical Science	3
	Third Science Distribution	3
	Humanities	3
	Fine Arts	3
	Social/Behavioral Science	3
Discipline Core Requirements:		17 Credits
	EXSC 2500 Sports Medicine	3
	EXSC 3550 Motor Learning and Control WE	3
	EXSC 3750 Psychosocial Aspects of Human Performance	3
	EXSC 3270 Exercise Testing and Prescription ²	3
or	REC 385G Ethical Concerns in Recreation GI	
	EXSC 4300 Research Methods in Exercise Science and Outdoor Recreation WE	3
	EXSC 4950 Senior Seminar ³	2
or	REC 4950 Senior Seminar	
Elective Requirements:		13 Credits
	Any 1000 level or higher	13
Emphasis Requirements:		54 Credits
Complete one of the following:		3
	ACC 2010 Financial Accounting (3)	
	BIOL 3800 Conservation Biology (3)	
	ENTR 3170 Entrepreneurship: Feasibility Analysis (3)	
	ENTR 3180 Developing Small Business (3)	
	ENGL 3320 Grant and Proposal Writing (3)	
	HR 3430 Introduction to Human Resource Management (3)	
	REC 1500 Canoeing I	1
or	REC 1580 Kayak Touring	
	REC 1542 Wilderness First Responder	2
	REC 1527 Rock Climbing I	1
	REC 1535 Backpacking	1
	REC 1600 Winter Exploration	1
	REC 2200 Foundations of Recreation	3
	REC 2400 Principles of Experiential Education in Recreation	3
	REC 2600 Principles of Outdoor and Adventure Education	3
	REC 2700 Leave No Trace Trainer	1
	REC 3100 Recreation Program Planning	3
	REC 3200 Inclusive Recreation	3
	REC 3300 Wilderness Skills	1
	REC 3400 Risk Management	3

Exercise Science and Outdoor Recreation

	REC 3500	Recreation Administration	3
	REC 420R	Outdoor Leadership and Management Practicum	2
	REC 4400	Natural Resource and Protected Area Management	3
	REC 4800	Professional Preparation in Recreation	1
	REC 481R	Senior Internship (1-8)	7
Complete 3 credits from the following:			3
	REC 1505	Whitewater Kayaking I (1)	
	REC 1516	Ropes Course and Teambuilding (1)	
	REC 1525	Mountaineering (1)	
	REC 1528	Rock Climbing II (1)	
	REC 1550	Mountain Biking (1)	
	REC 2010	Avalanche Awareness (1)	
Complete 6 credits from the following:			6
	REC 2450	Rock Climbing Site Management and Facilitation (3)	
or	REC 2650	Principles of Challenge Education	
or	REC 2750	Principles of Water Based Adventure Education	
	REC 3700	Natural Resource Interpretation (3)	
	REC 4000	Outdoor Leadership (4)	
	REC 4500	Wildland Recreation Behavior (3)	

Graduation Requirements:

1. Completion of a minimum of 121 semester credits, 40 credits must be upper-division.
2. Overall grade point average of 2.0 (C) or above. (Departments may require a higher GPA.)
3. Residency hours: minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
4. Completion of GE and specified departmental requirements.
5. No grades below C- in Discipline Core or Emphasis Courses.
6. Successful completion of at least one Global/Intercultural course.
7. Successful completion of at least two Writing Enriched (WE) courses.

Note: Students must obtain the departmental advisor's signature on an approved program plan prior to enrollment in their second semester of study.

Footnote

1. EXSC students must take BIOL 1610 and BIOL 1610 and REC students must take BIOL1010
2. EXSC students must take EXSC 3270 and REC students must take REC 385G
3. EXSC students must take EXSC 4950 and REC students must take REC 4950

3. Students will express satisfaction with their ability to create and implement programs in the field of recreation
4. Students will be comfortable and effective creating and carrying out group activities
5. With professional preparation in mind, students would feel comfortable recommending this program to peers with similar professional goals

Related Careers

- Recreation and Fitness Studies Teachers, Postsecondary
- Athletes and Sports Competitors
- Coaches and Scouts
- Fitness Trainers and Aerobics Instructors

Exercise Science and Outdoor Recreation - Outdoor Recreation Management Emphasis, B.S. Careers

1. Students will express satisfaction with opportunities for applied learning, service learning, and learning through coursework and practicum/internship
2. Students will express satisfaction with the program's breadth and depth of opportunities to improve students' outdoor skills

Finance and Economics

DEPARTMENT CHAIR

BI, Rachel Associate Professor

FACULTY

BI, Rachel Associate Professor

CHAN, Leo Associate Professor

CHERRINGTON, Mark Professional in Residence

COX, Vaughn Professional in Residence

CUMMINGS, Benjamin Associate Professor

DEAN, Lukas Ray Associate Professor

KERTAMUS, Layne Professional in Residence

KIA, Amir Professor

LAW, Ryan Professional In Residence

OLIVEIRA, Andre Associate Professor

RICALDI, Laura Associate Professor

SAMAD, Abdus Professor

SINGER, Jeffrey Professional in Residence

SMITH, Hyrum Professional in Residence

SOTOMAYOR, Maritza Associate Professor

STRATTON, Scott Lecturer

SUN, Xu (Keira) Assistant Professor

WASDEN, Cary D. Professional in Residence

WELKER, Adam Assistant Professor

Degrees & Programs

Financial Planning, Certificate of Proficiency

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Requirements

This certificate adds to the Woodbury School of Business flexibility to meet the needs of individuals seeking to complete the educational requirement to sit for the Certified Financial Planning Board's professional accreditation. It provides the required seven courses in a residential setting for individuals who already have a bachelor degree but lack these required courses. It will supplement the existing bachelor program in Personal Financial Planning and the online seven course program the Woodbury School of Business currently offers in collaboration with Dalton Education.

Total Program Credits: 21

Matriculation Requirements:			
1. Completion of a bachelor degree.			
Discipline Core Requirements:			21 Credits
FIN 3060	Introduction to the PFP Profession	3	
FIN 3210	Retirement Planning	3	
FIN 3220	Risk Management and Insurance	3	
FIN 3300	Tax Planning for Personal Financial Planners	3	
FIN 3400	Investment Management	3	
FIN 4210	Estate Planning Fundamentals	3	
FIN 4800	Personal Financial Planning Capstone	3	

Graduation Requirements:

1. Completion of a minimum of 21 semester credits.
2. Overall grade point average of 2.5 GPA in all courses. No grade lower than a "C-".

Financial Planning, Certificate of Proficiency Careers

1. Apply ethical and fiduciary standards in a financial planning situation.
2. Evaluate a client's financial situation and develop sound financial planning recommendations.
3. Calculate present and future values, interest rate, payment and number of payments of a client's financial goal.
4. Analyze a client's investments based on a client's unique financial situation.

Related Careers

- Personal Financial Advisors
- Credit Counselors
- Business Teachers, Postsecondary
- Securities, Commodities, and Financial Services Sales Agents

Economics, Minor

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Requirements

The Minor in Economics is intended for graduates from other disciplines to obtain the basics of economic theory and application to facilitate their ability to use economics analytical processes in the development of professional careers. Graduates learn the concepts of marginal analysis, demand and supply theory, characteristics of production and cost processes, and other related issues.

Total Program Credits: 18

Discipline Core Requirements:			12 Credits
ECON 2010	Principles of Economics I SS	3	
ECON 2020	Principles of Economics II SS	3	
ECON 3020	Managerial Economics	3	
ECON 3830	History of Economic Thought	3	
Elective Requirements:			6 Credits
Choose six hours from the following courses:			6
ECON 3030	Intermediate Macroeconomics (3)		
ECON 3040	Environmental Economics (3)		
ECON 3370	Economic Modeling and Data Analytics (3)		
ECON 3810	Labor Economics (3)		
ECON 3820	Economic Development (3)		
ECON 4150	Public Finance (3)		
FIN 4100	Management of Financial Institutions (3)		
FIN 4180	International Finance Management (3)		

Finance, Minor

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Requirements

The Minor in Finance is intended for graduates from other disciplines to learn the basic analytical skills of financial management, investment, and related financial services industry functions.

Total Program Credits: 18

Discipline Core Requirements:		9 Credits
	ECON 2010 Principles of Economics I SS	3
	MGMT 2340 Business Statistics I	3
or	STAT 2040 Principles of Statistics QL (4)	
	FIN 3100 Principles of Finance	3
Elective Requirements:		9 Credits
Choose nine hours from the following courses:		9
	MGMT 3345 Business Statistics II (3)	
	FIN 3150 Financial Management (3)	
	FIN 3400 Investment Management (3)	
	FIN 4100 Management of Financial Institutions (3)	
	FIN 4160 Portfolio Management (3)	
	FIN 4170 Derivative Securities (3)	
	FIN 4180 International Finance Management (3)	
	FIN 4190 Applied Asset Diversification and Management (3)	
	FIN 5130 Financial Statement Analysis and Modeling (3)	

Finance, Minor Careers

1. Students will be effective at corporate financial management.
2. Students will be knowledgeable of the valuation of certain asset classes.
3. Students will be knowledgeable of financial statement analysis and understand how financial statements can be used to evaluate and value a business.

Related Careers

- Chief Executives
- General and Operations Managers
- Financial Managers
- Budget Analysts
- Credit Analysts
- Financial Analysts
- Personal Financial Advisors
- Loan Officers
- Financial Specialists, All Other
- Business Teachers, Postsecondary

Risk Management, Minor

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Requirements

The Minor in Risk Management will help prepare students for possible Chartered Property Casualty Underwriter (CPCU) credentials. It focuses in depth on foundations of risk management and insurance, enterprise risk management, business law for insurance, commercial property risk management and insurance, and commercial liability risk management and insurance. In addition, students will achieve further distinction by complementing their demonstrated expertise in insurance issues with a mastery of general management principles finance, operations, and leadership

Total Program Credits: 21

Discipline Core Requirements:		21 Credits
	MGMT 2340 Business Statistics I	3
or	STAT 2040 Principles of Statistics QL (3)	
	FIN 3100 Principles of Finance	3
	FIN 4020 Enterprise Risk Management	3
	FIN 4030 Foundations of Risk Management and Insurance	3
	FIN 4040 Business Law for Insurance Professionals	3
	FIN 4050 Commercial Property Risk Management and Insurance	3
	FIN 4060 Commercial Liability Risk Management and Insurance	3

Risk Management, Minor Careers

1. Apply risk management and enterprise risk management principles and practices.
2. Interpret how risk management techniques can be used to address an organization's property loss exposures.
3. Define how to apply relevant principles of United States law to the business of insurance and risk management.
4. Interpret how risk management techniques can be used to address an organization's commercial liability loss exposures.
5. Interpret how risk management techniques can be used to address an organization's commercial exposures.

Related Careers

- Insurance Underwriters
- Actuaries
- Business Teachers, Postsecondary

Finance, B.A.

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Requirements

The Bachelor Degree in Finance at WSB prepares graduates for careers in the financial services industry. Students learn basic financial theory as well as specialized courses in financial management of corporate and business organizations, analysis of investment alternatives, and other more sophisticated finance related activities. Graduates go into banking, brokerages, become financial managers, and perform a variety of other financial services functions. Students with language skills may take an appropriate number of courses to obtain a Bachelor of Arts degree.

Total Program Credits: 120

Matriculation Requirements:		
<ul style="list-style-type: none"> My Educator or IM 2100 Document Processing Applications or IM 2600 Spreadsheet Application ACC 2110 Principles of Accounting I ECON 2010 Principles of Economics I SS MGMT 2240 Business Calculus MGMT 2340 Business Statistics I MKTG 220G Written Business Communication GI WE 		
General Education Requirements:		36 Credits
ENGL 1010	Introduction to Academic Writing CC	3
or ENGH 1005	Literacies and Composition Across Contexts CC (5)	
ENGL 2010	Intermediate Academic Writing CC	3
MATH 1050	College Algebra QL (4)	
or MATH 1055	College Algebra with Preliminaries QL (5)	
or MATH 1090	College Algebra for Business QL (3)	
Complete one of the following:		3
HIST 2700	US History to 1877 AS (3)	
and HIST 2710	US History since 1877 AS (3)	
HIST 1700	American Civilization AS (3)	
HIST 1740	US Economic History AS (3)	
POLS 1000	American Heritage SS (3)	
POLS 1100	American National Government AS (3)	
Complete the following:		
PHIL 2050	Ethics and Values IH	3
HLTH 1100	Personal Health and Wellness TE (2)	
or EXSC 1097	Fitness for Life TE	2
Distribution Courses:		
ECON 2020	Principles of Economics II SS (fulfills Social/Behavioral Science credit)	3
Biology		3
Physical Science		3
Additional Biology or Physical Science		3
Humanities Distribution (any foreign language 202G/2020 class)		4
Fine Arts Distribution		3
Discipline Core Requirements:		70 Credits
Business Foundation Courses:		
ACC 2110	Principles of Accounting I ³	3
ACC 2120	Principles of Accounting II	3
My Educator ¹		
or IM 2010	Business Computer Proficiency (3) ¹	
or IM 2600	Spreadsheet Applications (3) ¹	
ECON 2010	Principles of Economics I SS	3
MKTG 220G	Written Business Communication GI WE ³	3
MGMT 2240	Business Calculus	3
MGMT 2400	Data Analytics for Business	3

MGMT 2340	Business Statistics I	3
Business Core Courses:		
FIN 3100	Principles of Finance ³	3
ACC 2600	Business Law and Ethics	3
MKTG 3600	Principles of Marketing	3
MGMT 3000	Organizational Behavior WE	3
MGMT 3450	Operations Management	3
ENTR 493R	Entrepreneurship Lecture Series (1)	1
or MGMT 495R	Executive Lecture Series	
ECON 305G	International Economics GI	3
or MGMT 330G	Survey of International Business GI (3)	
or MGMT 332G	Cross-Cultural Communications for International Business GI (3)	
Finance Core Requirements:		
ECON 3010	Intermediate Microeconomics (3)	
or ECON 3020	Managerial Economics	3
FIN 3150	Financial Management	3
MGMT 3345	Business Statistics II	3
FIN 3400	Investment Management	3
FIN 4100	Management of Financial Institutions	3
MGMT 4860	Business Strategy Formulation and Implementation	3
Finance Elective Requirements:		
Complete 12 credits from any 3000 or 4000 level ACC, ECON, or FIN course not already taken in consultation with appropriate faculty or an advisor. ²		12
Elective Requirements:		14 Credits
Complete 2 hours of general electives and 12 credits of any foreign language course 1010, 1020, 2010 sequence		14

Graduation Requirements:

- Completion of a minimum of 120 semester credits required in the BA degree; at least 40 credit hours must be upper-division courses.
- Overall grade point average 2.0 or above with a minimum of 2.5 GPA in all Woodbury School of Business courses. No grade lower than a "C-" in core and specialization courses.
- Residency hours: Minimum of 30 credit hours of business courses through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
- Completion of GE and specified departmental requirements. Students are responsible for completing all prerequisite courses.
- Successful completion of at least one Global/Intercultural course.
- Successful completion of at least two writing enriched courses.

NOTE: Students will be limited to 9 hours of upper-division credit prior to completing matriculation.

Footnote

- Students will be required to complete My Educator with a score of 80 percent or higher or complete the IM 2010 Business Computer Proficiency or IM 2600 Spreadsheet Applications with grade of B- or higher.
- Note: FIN courses in the PFP Major will not be authorized for finance major electives except for FIN 3060 Introduction to the PFP Profession. (FIN courses excluded: FIN 3200 Financial Counseling, FIN 3220 Risk Management and Insurance,

Finance and Economics

FIN 5300 Tax Planning for Personal Financial Planners, FIN 4200 Financial Counseling Practicum, FIN 5210 Retirement Planning, FIN 5260 Estate Planning Fundamentals, FIN 4270 Wealth Management Seminar, FIN 4290 Technological Applications in Personal Financial Planning, FIN 5800 Personal Financial Planning Capstone, and FIN 483R Colloquium in PFP Professionalism)

- Must be completed with a grade of B- or higher.

Finance, B.A.

Careers

- Students will be effective at corporate financial management.
- Students will understand basic portfolio theory, implications of the efficient market hypothesis and behavioral finance.
- Students will be knowledgeable of operation, risk measurement and management, and regulation in financial institutions.
- Students will be knowledgeable of the valuation of certain asset classes
- Students will be knowledgeable of financial statement analysis and understand how financial statements can be used to evaluate and value a business.

Related Careers

- Chief Executives
- General and Operations Managers
- Financial Managers
- Budget Analysts
- Credit Analysts
- Financial Analysts
- Personal Financial Advisors
- Loan Officers
- Financial Specialists, All Other
- Business Teachers, Postsecondary

Finance, B.S.

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Requirements

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Total Program Credits: 120

Matriculation Requirements:			
<ul style="list-style-type: none"> My Educator or IM 2100 Document Processing Applications or IM 2600 Spreadsheet Applications ACC 2110 Principles of Accounting I ECON 2010 Principles of Economics I SS MGMT 2240 Business Calculus MGMT 2340 Business Statistics I MKTG 220G Written Business Communication GI WE 			
General Education Requirements:			35 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGL 1005	Literacies and Composition Across Contexts CC (5)	
	ENGL 2010	Intermediate Academic Writing CC	3

Complete one of the following:			3
	MATH 1050	College Algebra QL (4)	
or	MATH 1055	College Algebra with Preliminaries QL (5)	
or	MATH 1090	College Algebra for Business QL (3)	3
Complete one of the following:			3
	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	
	HIST 1700	American Civilization AS (3)	
	HIST 1740	US Economic History AS (3)	
	POLS 1000	American Heritage SS (3)	
	POLS 1100	American National Government AS (3)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
	HLTH 1100	Personal Health and Wellness TE (2)	
or	EXSC 1097	Fitness for Life TE	2
Distribution Courses:			
	ECON 2020	Principles of Economics II SS (fulfills Social/Behavioral Science credit)	3
	Biology		3
	Physical Science		3
	Additional Biology or Physical Science		3
	Humanities Distribution		3
	Fine Arts Distribution		3
Discipline Core Requirements:			70 Credits
Business Foundation Courses:			
	ACC 2110	Principles of Accounting I	3
	ACC 2120	Principles of Accounting II	3
Complete one of the following:			3
	My Educator ¹		
or	IM 2010	Business Computer Proficiency (3) ¹	
or	IM 2600	Spreadsheet Applications (3) ¹	
Complete the following:			
	ECON 2010	Principles of Economics I SS	3
	MGMT 2400	Data Analytics for Business	3
	MGMT 2240	Business Calculus	3
	MGMT 2340	Business Statistics I	3
	MKTG 220G	Written Business Communication GI WE	3
Business Core Courses:			
	FIN 3100	Principles of Finance ³	3
	MKTG 3600	Principles of Marketing	3
	ACC 2600	Business Law and Ethics	3
	MGMT 3000	Organizational Behavior WE	3
	MGMT 3450	Operations Management	3
	MGMT 495R	Executive Lecture Series	1

or	ENTR 493R	Entrepreneurship Lecture Series (1)	
	Complete one of the following:		3
	ECON 305G	International Economics	
or	MGMT 330G	Survey of International Business (3)	
or	MGMT 332G	Cross-Cultural Communications for International Business (3)	
Finance Core Requirements:			
	ECON 3010	Intermediate Microeconomics	3
or	ECON 3020	Managerial Economics (3)	
	FIN 3150	Financial Management	3
	MGMT 3345	Business Statistics II	3
	FIN 3400	Investment Management	3
	FIN 4100	Management of Financial Institutions	3
	MGMT 4860	Business Strategy Formulation and Implementation	3
Finance Elective Requirements:			
Choose 12 credits from any 3000 or 4000 level ACC, ECON, or FIN course not already taken in consultation with appropriate faculty or an advisor. ²			12
Elective Requirements:			15 Credits
Complete 15 credits of any courses 1000 or higher			15

Graduation Requirements:

1. Completion of a minimum of 120 semester credits required in the BS degree; at least 40 credit hours must be upper-division courses.
2. Overall grade point average 2.0 or above with a minimum of 2.5 GPA in all Woodbury School of Business courses. No grade lower than a "C-" in core and specialization courses.
3. Residency hours: Minimum of 30 credit hours of business courses through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
4. Completion of GE and specified departmental requirements. Students are responsible for completing all prerequisite courses.
5. Successful completion of at least one Global/Intercultural course.
6. Successful completion of at least two Writing Enriched courses.

NOTE: Students will be limited to 9 hours of upper-division credit prior to completing matriculation.

Footnote

1. Students will be required to complete the Business Computer Proficiency exam with a score of 80 percent or higher or complete the IM 2010 Business Computer Proficiency or IM 2600 course with a grade of B- or higher.
2. NOTE: FIN courses in the PFP Major will not be authorized for finance major electives except for FIN 3060 Introduction to the PFP Profession. (FIN courses excluded FIN 3200 Financial Counseling, FIN 3220 Risk Management and Insurance, FIN 5300 Tax Planning for Personal Financial Planners, FIN 4200 Financial Counseling Practicum, FIN 5210 Retirement Planning, FIN 5260 Estate Planning Fundamentals, FIN 4270 Wealth Management Seminar, FIN 4290 Technological Applications in Personal Financial Planning, and FIN 5800 Personal Financial Planning Capstone, and FIN 483R Colloquium in PFP Professionalism)
3. Must be completed with a grade of B- or higher

Finance, B.S.**Careers**

1. Students will be effective at corporate financial management.
2. Students will understand basic portfolio theory, implications of the efficient market hypothesis and behavioral finance.
3. Students will be knowledgeable of operation, risk measurement and management, and regulation in financial institutions.
4. Students will be knowledgeable of the valuation of certain asset classes
5. Students will be knowledgeable of financial statement analysis and understand how financial statements can be used to evaluate and value a business.

Related Careers

- Chief Executives
- General and Operations Managers
- Financial Managers
- Budget Analysts
- Credit Analysts
- Financial Analysts
- Personal Financial Advisors
- Loan Officers
- Financial Specialists, All Other
- Business Teachers, Postsecondary

Personal Financial Planning, B.S.

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Requirements

The WSB Bachelor of Science in Personal Financial Planning (PFP) prepares graduates with the courses necessary to meet educational requirements to sit for the Certified Financial Planning Board of Standards, Inc. accreditation process. It is intended to prepare students to become fee-for-service professional planners with strong ethical standards who work with families and individuals developing specific budget, asset management, and related planning processes.

Total Program Credits: 120

Matriculation Requirements:			
Business Foundation Courses:			
	ACC 2110	Principles of Accounting I	3
Complete one of the following three computer proficiency choices:			
	My Educator 1		
or	IM 2010	Business Computer Proficiency (3) ¹	
or	IM 2600	Spreadsheet Applications (3) ¹	
Complete the following:			
	ECON 2010	Principles of Economics I SS	3
	MGMT 2240	Business Calculus	3
	MGMT 2340	Business Statistics I	3
	MKTG 220G	Written Business Communication GI WE	3
General Education Requirements:			35 Credits
	ENGL 1010	Introduction to Academic Writing CC	3

Finance and Economics

or	ENGH 1005	Literacies and Composition Across Contexts CC (5)	
	ENGL 2010	Intermediate Academic Writing CC	3
	MATH 1050	College Algebra QL (4)	
or	MATH 1055	College Algebra with Preliminaries QL (5)	
or	MATH 1090	College Algebra for Business QL	3
Complete one of the following:			3
	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	
	HIST 1700	American Civilization AS (3)	
	HIST 1740	US Economic History AS (3)	
	POLS 1000	American Heritage SS (3)	
	POLS 1100	American National Government AS (3)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
	HLTH 1100	Personal Health and Wellness TE (2)	
	EXSC 1097	Fitness for Life TE	2
Distribution Courses:			
	ECON 2010	Principles of Economics I SS	3
	Biology		3
	Physical Science		3
	Additional Biology or Physical Science		3
	Humanities		3
	Fine Arts		3
Discipline Core Requirements:			70 Credits
Business Foundation Courses:			
	ACC 2110	Principles of Accounting I	3
Complete one of the following:			
	My Educator ¹		
or	IM 2010	Business Computer Proficiency (3) ¹	
or	IM 2600	Spreadsheet Applications (3) ¹	
Complete the following:			
	MGMT 2400	Data Analytics for Business	3
	MGMT 2240	Business Calculus	3
	MGMT 2340	Business Statistics I	3
	MKTG 220G	Written Business Communication GI WE ²	3
Business Core Courses:			
	MKTG 2390	Professional Business Presentations	3
	MGMT 3000	Organizational Behavior WE	3
	FIN 3100	Principles of Finance	3
	ECON 305G	International Economics GI (3)	
or	MGMT 330G	Survey of International Business GI (3)	
or	MGMT 332G	Cross-Cultural Communications for International Business GI	3

	MGMT 3450	Operations Management	3
	MKTG 3600	Principles of Marketing	3
	MGMT 4860	Business Strategy Formulation and Implementation	3
Personal Financial Planning Core Requirements:			
	FIN 3060	Introduction to the PFP Profession	3
	FIN 3200	Financial Counseling	3
	FIN 3220	Risk Management and Insurance	3
	FIN 3400	Investment Management	3
	FIN 4270	Wealth Management Seminar	3
	FIN 4290	Technological Applications in Personal Financial Planning	3
	FIN 5210	Retirement Planning	3
	FIN 5260	Estate Planning Fundamentals	3
	FIN 5300	Tax Planning for Personal Financial Planners	3
	FIN 5800	Personal Financial Planning Capstone	3
	FIN 481R	Personal Financial Planning Internship (2-8) (for a maximum of 3 credits)	3
	FIN 483R	Colloquium in PFP Professionalism	1
Elective Requirements:			15 Credits
Choose nine (9) semester credit hours from the following courses:			9
Students are strongly encouraged to select from the following courses:			
	FIN 3170	Financial Statement Analysis (3)	
	FIN 4190	Applied Asset Diversification and Management (3)	
	FIN 4200	Financial Counseling Practicum (3)	
	FIN 4600	AFC Examination Preparation (3)	
	FIN 457R	Advanced Topics in Finance (3) (Adv Tops FIN SIE Series 7)	
	FIN 5700	CFP Examination Preparation (3)	
	MGMT 494R	Seminar (0.5-3) (Real Financial Advisor)	
	MKTG 3650	Professional Selling (3)	
Additional elective courses:			
	ACC 3010	Intermediate Accounting I (3)	
	ACC 3020	Intermediate Accounting II (3)	
	ACC 3510	Accounting Information Systems (3)	
	ECON 3030	Intermediate Macroeconomics (3)	
	ECON 3060	Money and Banking (3)	
	ECON 3070	Behavioral Economics (3)	
	ECON 305G	International Economics GI (3)	
	ECON 3370	Economic Modeling and Data Analytics (3)	
	ECON 3400	Health Economics (3)	
	ECON 4100	Analysis of Financial Institutions and Markets (3)	
	ECON 4400	New Venture Financing (3)	

FIN 3410	Introduction to Venture Capital Skills (3)	
FIN 342R	Wolverine Fund (3)	
FIN 4020	Enterprise Risk Management (3)	
FIN 4030	Foundations of Risk Management and Insurance (3)	
FIN 4040	Business Law for Insurance Professionals (3)	
FIN 4050	Commercial Property Risk Management and Insurance (3)	
FIN 4060	Commercial Liability Risk Management and Insurance (3)	
FIN 4160	Portfolio Management (3)	
FIN 4170	Derivative Securities (3)	
FIN 4180	International Finance Management (3)	
FIN 4310	Real Estate Investment and Securities (3)	
FIN 457R	Advanced Topics in Finance (3)	
FIN 5130	Financial Statement Analysis and Modeling (3)	
FIN 5180	CFA Examination Preparation (3)	
FIN 5510	Investment Products (3)	
FIN 5520	Financial Markets (3)	
MGMT 494R	Seminar (0.5-3)	
Other upper division courses as approved by the Department Chair		
Choose six (6) semester credit hours of any course numbered 1000 or higher		6
Students are strongly encouraged to select from the following courses (in addition to any of the above listed elective courses):		
PSY 1010	General Psychology SS (3)	
PSY 2250	Psychology of Interpersonal Relationships (3)	
PSY 4300	Introduction to Counseling and Psychotherapy (3)	
COMM 2110	Interpersonal Communication SS (3)	
PSY 3300	Motivation and Emotion (3)	
PSY 3460	Personality Theory (3)	
SOC 1010	Introduction to Sociology SS (3)	
SOC 3501	Social Psychology (3)	
SOC 375G	Sociology of Aging GI (3)	
SOC 4400	Social Change (3)	
CS 1030	Foundations of Computer Science (3)	
CS 1400	Fundamentals of Programming (3)	
FAMS 1150	Marriage and Relationship Skills SS (3)	
FAMS 1500	Human Development Life Span (3)	
FAMS 240G	Contemporary Family Relations GI (3)	
FAMS 2705	Ethics for Family Interventions WE (3)	
FAMS 3850	Adult Development and Aging (3)	

COMM 1020	Public Speaking HH (3)	
COMM 1050	Introduction to Communication SS (3)	
COMM 1500	Introduction to Mass Communication HH (3)	
COMM 207G	Introduction to Gender and Communication GI (3)	
COMM 2120	Small Group Communication and Decision Making (3)	
COMM 3410	Fundamentals of Mediation and Negotiation (3)	
COMM 3420	Communication and Conflict (3)	

Graduation Requirements:

1. Completion of a minimum of 120 semester credits required in the BS degree; at least 40 credit hours must be upper-division courses.
2. Overall grade point average 2.0 or above with a minimum of 2.5 GPA in all Woodbury School of Business courses. No grade lower than a "C-" in core and specialization courses.
3. Residency hours: Minimum of 30 credit hours of business courses through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
4. Completion of GE and specified departmental requirements. Students are responsible for completing all prerequisite courses.
5. Successful completion of at least one Global/Intercultural course.
6. Successful completion of at least two Writing Enriched courses.

NOTE: Students will be limited to 9 hours of upper-division credit until matriculation into Woodbury School is completed.

Footnote

1. Students will be required to complete My Educator with a score of 80 percent or higher or complete the IM 2010 or IM 2600 course with a grade of B- or higher.

Personal Financial Planning, B.S. Careers

1. Apply ethical and fiduciary standards in a financial planning situation.
2. Evaluate a client's financial situation and develop sound financial planning recommendations.
3. Calculate present and future values, interest rate, payment and number of payments of a client's financial goal.
4. Analyze a client's investments based on a client's unique financial situation.
5. Create a comprehensive written financial plan for a client that is professional and integrates all aspects of their financial situation.
6. Present client recommendations in an interactive and professional oral presentation.

Related Careers

- Personal Financial Advisors
- Credit Counselors
- Business Teachers, Postsecondary
- Securities, Commodities, and Financial Services Sales Agents

Financial Planning and Analytics Graduate Programs

Degrees & Programs

Master of Financial Planning and Analytics, M.F.P.A.

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Requirements

The Master of Financial Planning and Analytics (MFPA) degree program prepares students for professional positions in financial planning and financial analytics. Our curriculum is also designed to help our students progress towards professional certifications, including the CERTIFIED FINANCIAL PLANNER(TM) (CFP®) certification and the Chartered Financial Analyst (CFA®) certification.

Students with foundational courses in financial planning or financial analytics can further expand their existing knowledge by selecting relevant elective courses in new areas of study. With extensive connections to firms across the nation, we seek to provide the best graduate education possible in financial planning and financial analytics.

Total Program Credits: 36

Matriculation Requirements:		
The university uses a selective admissions process for admitting students to graduate programs. Meeting minimum admissions criteria does not guarantee admission to the graduate program or to the University as a graduate student. The minimum admissions criteria include the following:		
<ol style="list-style-type: none"> 1. Acceptance of an application to the Master of Financial Planning and Analytics program, including payment of the application fee by the established deadline. 2. Official transcripts from all universities attended properly submitted. 3. A bachelor's degree from a regionally accredited college/university, a nationally accredited program, or the international equivalent. 4. A 3.0 or higher cumulative undergraduate GPA or a 3.0 or higher GPA calculated on the last 60 semester hours (90 quarter hours) of undergraduate coursework. 5. For international students whose native language is not English, a TOEFL score of 80 iBT (550 pBT) or higher, or an IELTS band score of 6.5 or higher within the past two years. 6. For international students, all US government requirements for international students must be met. 		
Discipline Core:		18 Credits
Complete the following Core classes		
FIN 6130	Financial Statement Analysis and Modeling	3
FIN 6140	Regulatory Policy in the Financial Services	3
FIN 6170	Investment Analysis and Portfolio Analysis	3
FIN 6340	Analytics and Advanced Statistics	3
FIN 6820	Research Methods	3
FIN 6840	Behavioral Finance Seminar	3

Elective Requirements:		18 Credits
Select 18 semester credit hours from the following courses		18
Students preparing to sit for the CFP(R) exam will need to complete the following elective courses:		
FIN 6060	Financial Planning for Professionals (3)	
FIN 6210	Retirement Planning (3)	
FIN 6260	Estate Planning (3)	
FIN 6300	Income Tax Planning (3)	
FIN 6800	Financial Planning Capstone and Case Analysis (3)	
Students preparing to sit for the CFA(R) exam (Level 1) are strongly encouraged to take the following elective courses:		
FIN 6510	CFA I Investment Products (3)	
FIN 6520	CFA I Financial Markets (3)	
FIN 6810	CFA Exam Preparation (3)	
Additional elective courses:		
FIN 6160	International Financial Management (3)	
FIN 6350	Retirement Income Planning (3) (Can substitute for Retirement Planning for the CFP® certification)	
FIN 6370	Wealth Management (3)	
FIN 6380	Advanced Estate Planning and Asset Protection (3)	
FIN 6390	Financial Technology (3)	
FIN 6400	Managing Client Relationships (3)	
FIN 6450	Planning for Financial Planning Business Owners (3)	
FIN 6700	CFP Exam Preparation (3) <i>Strongly recommended to prepare for the CFP® exam</i>	
FIN 679R	Special Topics in Finance (3)	
FIN 689R	Internship (3)	
FIN 690R	Independent Study (3)	
Other graduate level courses as approved by the MFPA Program Director or Advisor		

Graduation Requirements:

1. Complete a minimum of 36 semester credit hours at the graduate level.
2. Earn a grade of C or higher for all courses used to satisfy the graduation requirement.
3. Achieve a cumulative graduate GPA of 3.0 or higher.
4. Complete a minimum of 24 of the graduate program credit hours at Utah Valley University.

Master of Financial Planning and Analytics, M.F.P.A.***Careers***

1. Apply financial and behavioral theories to investment analysis, portfolio construction, and other financial decisions.
2. Evaluate challenges and opportunities that financial professionals, individuals, and firms face using financial ratios and other analytics.
3. Develop research skills through appropriate methods and analytics for individual and institutional investors.
4. Communicate effectively as competent and ethical financial professionals.

Related Careers

- Chief Executives
- General and Operations Managers
- Financial Managers
- Budget Analysts
- Credit Analysts
- Financial Analysts
- Personal Financial Advisors
- Loan Officers
- Financial Specialists, All Other
- Business Teachers, Postsecondary

History and Political Science

DEPARTMENT CHAIR

DESART, Jay A. *Associate Professor*

FACULTY

ABDRISAEV, Baktybek *Lecturer*

BENNETT, Lyn E. *Professor*

BIBBY, Andrew *Associate Professor*

CHO, Richard *Assistant Professor*

COCKERHAM, Geoffrey *Associate Professor*

DESART, Jay A. *Associate Professor*

ENGLAND, Lynn *Lecturer*

GOODE, Michael J. *Associate Professor*

GRIFFIN, Rick A. *Associate Professor*

HALVERSON, Lisa *Visiting Assistant Professor*

HUNT, John M. *Associate Professor*

JANSEN, Dustin O. *Assistant Professor*

LENTZ, Mark *Associate Professor*

LEWIS, Verlan *Assistant Professor*

MCCARTHY, Brendan *Assistant Professor*

MUNIS, B. Kal Kal *Assistant Professor*

NIGRO, Jenna *Associate Professor*

PANG, Hong *Assistant Professor*

SMITH, Glori *Visiting Assistant Professor*

SNEDEGAR, Keith *Professor*

SYLVESTER, Steven M. *Associate Professor*

WINANS, Adrienne A. *Assistant Professor*

YOUNGBULL, Kristin *Lecturer*

Degrees & Programs

American Indian Studies, Minor

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Requirements

The American Indian Studies minor provides students with academic experiences, skills, and strategies to understand the scope of American indigenous communities within scholarly and applied contexts.

Total Program Credits: 18

Matriculation Requirements:			
1. Admitted to a bachelor degree program at UVU.			
Discipline Core Requirements:			18 Credits
	AIST 180G	Introduction to American Indian Studies SS GI	3
	AIST 4600	Contemporary American Indian Political and Social Issues	3
Complete four of the following:			12
	AIST 490R	Special Topics in American Indian Studies (3)	
	BESC 4030	Introduction to Practice Evaluation and Grant Writing (3)	

	ANTH 3300	Culture Development and International Aid (3)	
	ANTH 3450	Shamanism and Indigenous Religion (3)	
	ENGL 357G	Native American Literature GI (3)	
	AIST 327G	Indians of Utah GI (3)	
	AIST 3810	Pre-Columbian America (3)	
	HIST 382G	American Indian History to 1890 GI (3)	
	AIST 3830	Indians of the Great Plains (3)	
	HIST 384G	American Indian History since 1890 GI (3)	
	AIST 3850	The Struggle for Self-determination American Indians 1891 to present (3)	
	AIST 358G	American Indian Health Policy GI (3)	
	AIST 3600	American Indian Policy and Tribal Government (3)	

Graduation Requirements:

1. Overall GPA of 2.0 or above.
2. Residency hours--minimum of 12 credits counting towards the minor through attendance at UVU.

American Indian Studies, Minor

Careers

1. Identify issues facing American Indians through history
2. Apply the traditional acquisition of knowledge and skills that apply to American Indian communities
3. Evaluate the contribution of American Indian communities to academic knowledge, methods, and ethics

Related Careers

- Area, Ethnic, and Cultural Studies Teachers, Postsecondary

American Studies, Minor

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Requirements

American Studies provides students with an interdisciplinary approach to the study of American cultures. Through examination of historical, religious, and literary texts, political institutions, popular culture, film, art, and the physical landscape, students will explore how Americans create meaning in their lives and make sense of the world in which they live. By encouraging students to approach their majors from the perspective of several overlapping disciplines, American Studies courses will foster deeper critical thinking and broader contextualization.

Total Program Credits: 18

Matriculation Requirements:			
1. Completion of 30 hours of credit at UVU.			
2. Admitted to a bachelor degree program at UVU.			
Discipline Core Requirements			6 Credits
	AMST 2000	Introduction to American Studies HH	3
	AMST 300R	Topics in American Studies	3

Elective Requirements		12 Credits
Complete 12 hours from the following list of electives		12
AIST 327G	Indians of Utah GI (3)	
AIST 3810	Precolumbian America (3)	
AIST 3830	Indians of the Great Plains (3)	
AIST 3850	The Struggle for Self-determination American Indians 1891 to present (3)	
ANTH 3000	Language and Culture LH (3)	
ANTH 3360	Contemporary Issues in American Culture (3)	
ANTH 3460	Anthropology of Mormonism (3)	
ANTH 3500	Discourse Semiotics and Representation (3)	
ARTH 3100	History of American Art and Architecture (3)	
COMM 3100	Propaganda and Persuasion (3)	
COMM 3115	Communicating in Environments (3)	
COMM 3700	Free Expression in a Democratic Society (3)	
COMM 3780	Mormons Media and Culture (3)	
CINE 217G	Race Class and Gender in U S Cinema GI HH (3)	
CNST 3870	Constitutional History to Plessy 1896 (3)	
CNST 3880	Constitutional History Since Plessy 1896 (3)	
CNST 4730	Framing of the US Constitution (3)	
CNST 4795	Civil Rights and Civil Liberties (3)	
ECON 4500	US Economic Development and History (3)	
EDEL 3050	Foundations of American Education (2)	
EDSC 3050	Foundations of American Education (2)	
ENGL 2210	Introduction to Folklore HH (3)	
ENGL 2510	American Literature before 1865 HH (3)	

ENGL 2520	American Literature after 1865 HH (3)	
ENGL 3520	Nineteenth Century American Literature (3)	
ENGL 3530	Modern American Literature (3)	
ENGL 3540	Contemporary American Literature (3)	
ENGL 3710	Literature by Women (3)	
ENGL 3780	Mormon Literature (3)	
ENGL 4570	Studies in the Novel (3)	
ENGL 476G	Multi-ethnic Literature in America GI (3)	
ENVT 3280	Environmental Law (3)	
ENVT 3850	Environmental Policy WE (3)	
GEOG 3100	Cartography (3)	
GEOG 3800	Environmental History of the United States (3)	
HIST 320G	Women in American History to 1870 GI WE (3)	
HIST 321G	Women in American History since 1870 GI (3)	
HIST 322G	History of the American West to 1850 GI WE (3)	
HIST 323G	History of the American West since 1850 GI WE (3)	
HIST 3260	History of Utah (3)	
HIST 371R	Issues and Topics in American History (3)	
HIST 3730	American Origins to 1790 (3)	
HIST 3731	US History-Early Republic through the Progressive Era (3)	
HIST 3732	U.S. History-Progressive Era to the 21st Century (3)	
HIST 3740	American Revolution (3)	
HIST 3800	Environmental History of the United States (3)	
HIST 384G	American Indian History since 1890 GI (3)	
HIST 466G	Legacies and Reckonings in the	

	American West GI WE(3)	
HIST 471R	Special Issues and Topics in American History (3)	
HUM 1010	Humanities Through the Arts HH (3)	
HUM 3500	Approaches to Humanities WE (3)	
LANG 3000	Language and Culture LH (3)	
PHIL 3150	Philosophical Issues in Feminism (3)	
PHIL 3470	Pragmatism and American Philosophy (3)	
PHIL 3530	Environmental Ethics (3)	
PHIL 3700	Social and Political Philosophy (3)	
POLS 3150	US Presidency (3)	
POLS 3200	US Congress (3)	
POLS 3400	American Foreign Policy (3)	
PSY 3100	Psychology of Gender (3)	
REC 3700	Natural Resource Interpretation (3)	
SOC 2370	Sociology of Gender (3)	
SOC 263G	Race and Minority Relations GI (3)	
SOC 3430	Sociology of Education (3)	
SOC 3460	Political Sociology (3)	
SOC 4400	Social Change (3)	

Graduation Requirements:

1. Overall grade point average of 2.0 (C) or above.
2. Residency hours--minimum of 12 credit hours through course attendance at UVU.

American Studies, Minor

Careers

1. Apply multiple disciplinary concepts, methods, and approaches to critically evaluate aspects of American culture and society.
2. Articulate the implications of different representations of identity in terms of race, class, gender, sexuality, and other categories of analysis.
3. Interpret how American culture is a complex site of intersecting struggles over meanings and identities, with important social implications.

Related Careers

- English Language and Literature Teachers, Postsecondary

Chinese Commerce, Minor

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Requirements

The Chinese Commerce minor focuses on important aspects of Chinese commerce, language and culture. This program is designed to combine an understanding of the social, political, historical, and economic factors that make China one of the leading international powers today. As such, the minor offers proficiency in the Chinese language, augmented with cultural knowledge of the country and an introduction to international business practices. As an interdisciplinary minor, the program draws on faculty expertise from various disciplines and includes varied perspectives.

Total Program Credits: 22

Matriculation Requirements:			
1. Students need to be admitted into a bachelor degree program.			
Discipline Core Requirements:			13 Credits
CHIN 2010	Intermediate Chinese I LH		4
POLS 362G	Modern Chinese Political Economy GI		3
POLS 4610	International Law		3
MGMT 4620	Developing Business in China		3
Elective Requirements:			9 Credits
In addition to 13 credit core requirement, students need to take 9 credit electives			9
CHIN 202G	Intermediate Chinese II HH GI (4)		
CHIN 3050	Advanced Chinese (3)		
CHIN 3200	Business Chinese I (3)		
CHIN 351G	Chinese Culture and Civilization GI (3)		
CHST 362G	Traditional Chinese History GI (3)		
CHST 363G	Modern Chinese History GI (3)		
MGMT 332G	Cross Cultural Communications for International Business GI (3)		
POLS 352G	Chinese Politics GI (3)		
POLS 3600	International Relations of East Asia WE (3)		
CHIN 4200	Business Chinese II (3)		
Or other approved electives			

Graduation Requirements

1. Completion of 22 credits.
2. Completion of Baccalaureate Degree.

Chinese Commerce, Minor

Careers

1. Enhances students' intellectual knowledge in Chinese history, politics, and economy
2. Enhances students' practical skills in Chinese language, culture, and business
3. Provide students with the insight and skills to examine cultural, political, and economical phenomena and issues analytically and critically
4. Develop students' ability to discover connections among disciplines

5. Nurture students' awareness of interaction among local, national, and global community

Related Careers

- Area, Ethnic, and Cultural Studies Teachers, Postsecondary

Constitutional Studies, Minor

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Requirements

The Constitutional Studies minor introduces students to U.S. constitutional law and its historical, political, and philosophical roots. It focuses on the development of the U.S. Constitution and its interpretation through judicial decisions. It provides knowledge of the U.S. government's founding document to prepare students to become more engaged democratic citizens, as well as give those students considering law school a solid foundation of knowledge and experience to prepare them for their future study of the law.

Total Program Credits: 21

Matriculation Requirements:			
To be admitted into the program, students must:			
<ol style="list-style-type: none"> 1. Possess a 3.0 grade point average 2. Complete 30 credit hours 3. Complete POLS 1000 American Heritage SS or POLS 1100 American National Government AS 			
Discipline Core Requirements:			12 Credits
POLS 3250	Introduction to Law and Politics	3	
CNST 4720	Foundations of American Constitutionalism	3	
CNST 4790	US Constitution	3	
CNST 4795	Civil Rights and Civil Liberties	3	
Elective Requirements:			9 Credits
Complete three of the following courses for 9 credits:			9
POLS 1020	Political Ideologies (3)		
POLS 3260	American Federalism (3)		
POLS 3300	Introduction to Public Administration (3)		
POLS 4610	International Law (3)		
ECON 4500	US Economic Development and History (3)		
CNST 3870	Constitutional History to Plessy 1896 (3)		
CNST3880	Constitutional History since Plessy 1896 (3)		
HIST 3320	Modern Britain (3)		
CJ 4160	Constitutional Criminal Rights (3)		
CNST 4730	Framing of the US Constitution (3)		
CNST 2600	Comparative Constitutionalism (3)		
or any other Coordinator or Chair approved courses.			

Constitutional Studies, Minor Careers

1. Discuss the founding principles and theories behind the drafting and development of the U.S. Constitution.
2. Discuss the basic constitutional powers and structure of the federal government, and its relationship with the various state governments.
3. Discuss the basic origins, drafting, and development of U.S. constitutional rights and liberties, with a focus on The U.S. Bill of Rights, the Modern Civil Rights Movements, and the Ninth, Tenth, Thirteenth, Fourteenth, Fifteenth, and Nineteenth Amendments to the U.S. Constitution.
4. Discuss the various theories of constitutional interpretation employed by the U.S. Supreme Court and the federal judiciary.

Related Careers

- Managers, All Other
- Political Scientists
- Political Science Teachers, Postsecondary

History, Minor

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Requirements

UVU's History Program is dedicated to developing the twenty-first century student. We provide the general student body a broad range of courses that increase global awareness, engagement and informed citizenship, as well as develop critical thinking, writing, and oral expression. In addition, History majors can choose from a large number of in-depth upper division courses that further their content knowledge and expand their abilities to critically analyze past and current events in a variety of regions and nations. In all courses, students and faculty observe the human experience by investigating the diverse historical perspectives of the past and present. History faculty endeavor to teach in ways that foster independent thinking, engage the students with historical conversations and debates, and improve students' ability to communicate in a variety of media. Students who successfully complete our programs will have a valuable set of skills for further study in graduate and professional programs, and careers in public service or private enterprise.

Total Program Credits: 21

Matriculation Requirements:			
<ol style="list-style-type: none"> 1. Successful completion of one history course at UVU. 2. Admitted to a bachelor degree program at UVU. 			
Discipline Core Requirements:			12 Credits
HIST 1500	World History to 1500 SS	3	
HIST 151G	World History from 1500 to the Present SS GI	3	
HIST 2700	US History to 1877 AS	3	
HIST 2710	US History since 1877 AS	3	
Elective Requirements:			9 Credits
Any three upper division history courses ¹			9

Notes:

1. Except HIST 4250 Teaching History in the Secondary Curriculum and HIST 4990 Senior Research Thesis Writing Component.

History and Political Science

Graduation Requirements:

1. Complete all history courses with a grade of "C-" or better.

Peace and Justice Studies, Minor

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Requirements

The Peace & Justice Studies minor approaches phenomena empirically and theoretically associated with violence/nonviolence and injustice/justice, including peace, justice, mediation and conflict resolution, philosophy and religion. These topics are investigated at multiple levels from the realm of the personal and familial, to international structures, conventions, institutions, and history.

Total Program Credits: 21

Discipline Core Requirements:		9 Credits
PJST 3400	Conflict Transformation Resolution and Sustainable Peace	3
PJST 4900	Peace and Justice Studies Capstone WE	3
PJST 3000	Introduction to Peace and Justice Studies WE	3
Elective Requirements:		12 Credits
Complete 12 credit hours selected from the following list:		12
Peace, War, and Conflict:		
PJST 3020	The Ethics of War and Peace (3)	
PJST 3030	The Scientific Study of War and Peace (3)	
PJST 3040	Peace in Historical Context (3)	
PJST 3100	Introduction to Human Security (3)	
PJST 3200	Global Poverty Facts Causes and Solutions (3)	
PJST 3300	Community Development (3)	
PJST 4200	Advanced Poverty Studies:Global Problems and Policies (3)	
PJST 4300	Race Gender and Class in Peace and Justice (3)	
POLS 3100	Survey of International Terrorism (3)	
HIST 4130	Anti-Semitism and the Holocaust (3)	
POLS 3650	Model United Nations (3)	
AIST 3850	The Struggle for Self-determination-- American Indians 1891 to present (3)	
HIST 3540	History of South Africa (3)	
HIST 4140	Genocide in the Twentieth Century (3)	
Justice:		
HIST 3800	Environmental History of the United States (3)	
AIST 4600	Contemporary American Indian Political and Social Issues (3)	
POLS 3500	International Relations of the Middle East (3)	

POLS 3600	International Relations of East Asia WE (3)	
AIST 3600	American Indian Policy and Tribal Government (3)	
SOC 3460	Political Sociology (3)	
SOC 3520	Environmental Sociology (3)	
SOC 3700	Social Inequality (3)	
Philosophy and Religion:		
PHIL 3530	Environmental Ethics (3)	
PHIL 3540	Christian Ethics (3)	
PHIL 3700	Social and Political Philosophy (3)	
PHIL 3150	Philosophical Issues in Feminism (3)	
PJST 475R	Issues in Peace and Justice Studies (3)	
CNST 4795	Civil Rights and Civil Liberties (3)	
POLS 4500	International Conflict and Security (3)	

Graduation Requirements

1. Successful completion of 21 semester credits from the minor.

Peace and Justice Studies, Minor Careers

1. Apply theories on cooperation and conflict transformation to complex issues of human rights, social justice, and political violence.
2. Discuss strategies available to address conflict and violence and promote conflict resolution and peacebuilding.
3. Discuss the complex social and political realities that give rise to conflict, structural violence, and war.
4. Demonstrate the skills that promote peacebuilding and reconciliation.
5. Discuss career opportunities for students of peace and justice studies.

Related Careers

- NO MATCH

Political Science, Minor

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Requirements

Political science enjoys a central position among the social sciences. Aristotle characterized politics as the "queen of the sciences." It is a broad discipline that encompasses philosophical, historical and analytical studies of governments, politics and policies. Political science students learn not only the concepts, theories and methods associated with the discipline, but also gain the cognitive and presentational skills required of tomorrow's public and private leaders. At its core, politics is about building and maintaining communities at the local, state, national and international levels that enable citizens to live enriching and fulfilling lives. Political science students develop not only an understanding of those communities, but also the ability to influence them.

Total Program Credits: 21

Matriculation Requirements:	
1. Completion of POLS 1010 Introduction to Political Science SS or POLS 1100 American National Government AS.	

2. Admitted to a bachelor degree program at UVU.		
Discipline Core Requirements:		21 Credits
Complete THREE of the following:		9
POLS 1020	Political Ideologies (3)	
POLS 2100	Introduction to International Relations SS (3)	
POLS 2200	Introduction to Comparative Politics SS (3)	
POLS 230G	Introduction to Political Theory GI (3)	
POLS 3120	Political Parties (3)	
POLS 3300	Introduction to Public Administration (3)	
Complete TWO of the following:		6
POLS 3030	State and Local Government (3)	
POLS 3150	US Presidency (3)	
POLS 3200	US Congress (3)	
POLS 3250	Introduction to Law and Politics (3)	
CNST 4720	Foundations of American Constitutionalism (3)	
CNST 4790	US Constitution (3)	
Complete TWO of the following:		6
POLS 3000	Political Analysis (3)	
POLS 3100	Survey of International Terrorism (3)	
POLS 3180	Public Opinion and Political Behavior (3)	
POLS 3400	American Foreign Policy (3)	
POLS 3500	International Relations of the Middle East (3)	
AIST 3600	American Indian Policy and Tribal Government (3)	
POLS 3600	International Relations of East Asia WE (3)	
POLS 3610	International Organization WE (3)	
POLS 3680	International Political Economy (3)	
POLS 4500	International Conflict and Security (3)	
POLS 4610	International Law and (3)	
POLS 480R	Internship WE (1-4)	

Graduation Requirements:

1. Complete all political science courses with a grade of "C-" or better.

History and Social Studies Education, B.S.

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Requirements

The BS in History and Social Sciences Education prepares teacher candidates to meet the UETS (Utah Effective Teaching Standards) and the INTASC (Interstate Teacher Assessment and Support Consortium) Standards in history and social sciences education. The program is to provide coursework and experiences that will prepare

competent, caring, and qualified individuals who are ready to assume the role of teacher and to prepare them for further career choices and advancement. Candidates enter the program at the junior level of their undergraduate education where they have completed general education and pre-program required courses and in so doing have a background in the arts and sciences which prepares them with a general content knowledge base.

Total Program Credits: 121

Matriculation Requirements:		
<ol style="list-style-type: none"> 1. ENGL and MATH QL courses must have a grade C or higher. 2. GPA of 3.0 or higher with no grade lower than a C in content area courses. 3. Completion of all General Education requirements and 70% of content area courses. 4. Pass LiveScan Criminal Background Check. 		
General Education Requirements:		35 Credits
ENGL 1010	Introduction to Academic Writing CC	3
or ENGH 1005	Literacies and Composition Across Context CC (5)	
ENGL 2010	Intermediate Academic Writing CC	3
Complete one of the following:		3
MAT 1030	Quantitative Reasoning QL (3)	
MAT 1035	Quantitative Reasoning with Integrated Algebra QL (6)	
STAT 1040	Introduction to Statistics QL (3)	
STAT 1045	Introduction to Statistics with Algebra QL (5)	
MATH 1050	College Algebra QL (4)	
MATH 1055	College Algebra with Preliminaries QL (5)	
MATH 1090	College Algebra for Business QL (3)	
Complete the following:		3
POLS 1100	American National Government AS (3)	
Complete the following:		
PHIL 2050	Ethics and Values IH	3
HLTH 1100	Personal Health and Wellness TE (2)	
or EXSC 1097	Fitness for Life TE	2
Distribution Courses:		
Biology		3
GEOG 1000	Introduction to Physical Geography PP	3
Additional Biology or Physical Science		3
Humanities Distribution		3
Fine Arts Distribution		3
Social/Behavioral Science-Complete one of the following:		3
POLS 2200	Introduction to Comparative Politics SS (3)	
POLS 2100	Introduction to International Relations SS (3)	
Discipline Core Requirements:		86 Credits
Complete the following:		
HIST 1500	World History to 1500 SS	3

History and Political Science

	HIST 151G	World History from 1500 to the Present SS GI	3
	HIST 2700	US History to 1877 AS	3
	HIST 2710	US History since 1877 AS	3
	HIST 3010	The Historian's Craft WE	3
	HIST 3260	History of Utah	3
	HIST 4250	Teaching History in the Secondary Curriculum (Student must earn a minimum B- grade or higher)	3
Professional Education Courses- Must be completed with a grade of B- or higher.			
	EDSC 1010	Introduction to Education	2
	EDSC 3000	Educational Psychology	3
	EDSC 325G	Equitable Technology Integration GI	2
	EDSP 340G	Exceptional Students GI	2
	EDSC 4200	Classroom Management I	2
	EDSC 4250	Classroom Management II	2
	EDSC 4440	Content Area Literacies	3
	EDSC 445G	Multicultural Instruction ESL GI	3
	EDSC 455G	Secondary Curriculum Instruction and Assessment GI	3
	EDSC 4850	Student Teaching--Secondary	8
	EDSC 4990	Teacher Performance Assessment Project WE	2
Complete two courses from each of the following two areas of study, at least one of which must have a WE designation			12
United States			
	HIST 320G	Women in American History to 1870 GI WE (3)	
	HIST 321G	Women in American History since 1870 GI (3)	
	HIST 322G	History of the American West to 1850 GI WE (3)	
	HIST 323G	History of the American West since 1850 GI WE (3)	
	HIST 371R	Issues and Topics in American History (3)	
	HIST 3730	American Origins to 1790 (3)	
	HIST 3731	US History-Early Republic through the Progressive Era (3)	
	HIST 3732	U.S. History-Progressive Era to the 21st Century (3)	
	HIST 3740	American Revolution (3)	
	HIST 3745	Civil War and Reconstruction (3)	
	HIST 3800	Environmental History of the United States (3)	
	HIST 382G	American Indian History to 1890 GI (3)	
	HIST 384G	American Indian History since 1890 GI (3)	
	HIST 466G	Legacies and Reckonings in the American West GI WE (3)	

	HIST 471R	Special Issues and Topics in American History (3)	
	AIST 327G	Indians of Utah GI (3)	
	AIST 3810	Precolumbian America (3)	
	AIST 3830	Indians of the Great Plains (3)	
	AIST 3850	The Struggle for Self-determination--American Indians 1891 to present (3)	
World History			
	HIST 204G	Colonial Latin America GI (3)	
	HIST 205G	Modern Latin America GI (3)	
	HIST 3030	Introduction to African History (3)	
	HIST 3540	History of South Africa (3)	
	HIST 430G	Violence and Social Conflict in Latin America GI (3)	
	HIST 461G	Peoples of the Atlantic World 1450-1800 GI (3)	
	HIST 463G	Missions and Conversion in the Early Americas GI (3)	
	HIST 3110	Greek History (3)	
	HIST 3130	Roman History (3)	
	HIST 3150	Medieval Europe (3)	
	HIST 3160	Renaissance and Reformation--Europe 1350 to 1600 (3)	
	HIST 3170	Absolutism Enlightenment and Revolution--Europe from 1600 to 1815 (3)	
	HIST 3180	Nineteenth Century Europe (3)	
	HIST 3190	Twentieth Century Europe (3)	
	HIST 3320	Modern Britain (3)	
	HIST 330G	Mediterranean World 1500-1800 GI (3)	
	HIST 3340	The French Revolution and Napoleon (3)	
	HIST 366G	The History of Modern Russia--1864 to Present GI (3)	
	HIST 4180	The Italian Renaissance WE (3)	
	HIST 320R	Issues and Topics in Global History (3)	
	HIST 4310	Violence and War in the Ancient World WE (3)	
	HIST 3440	The History of World War I (3)	
	HIST 345G	The History of World War II GI (3)	
	HIST 420R	Issues and Topics in Global History (3)	
	HIST 421G	The Global Cold War GI (3)	
	HIST 4130	Anti-Semitism and the Holocaust (3)	
	HIST 4320	History of Scientific Thought (3)	
Social Studies Composite - Please see your Advisor. Students must receive a C grade or higher in all content area classes.			21
	Complete any two SOC/ANTH courses numbered 1000 or higher		
	Complete any one ECON course numbered 1000 or higher		

	Complete any one PSY course numbered 1000 or higher	
HIST 1740	US Economic History AS (3)	
GEOG 130G	Survey of World Geography GI SS (3)	
GEOG 3200	Geography of Utah (3)	

Graduation Requirements:

1. Completion of a minimum of 121 semester credits.
2. Overall GPA of 3.0 (B) or above with no grade lower than a C in major required content courses and no grade lower than a B- in Licensure and Methods courses. (Departments may require a higher GPA.)
3. Residency hours -- minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
4. Completion of GE and specified departmental requirements.
5. Successful completion of at least one Global/Intercultural course.
6. Successful completion of at least two Writing Enriched courses.

History and Social Studies Education, B.S. Careers

1. Identify key aspects of learner development, learning differences and learning environments.
2. Implement the central concepts and tools of inquiry of history and the social sciences to engage learners.
3. Design instruction that reaches the learner in various methods according to professional standards.
4. Demonstrate professional responsibility through professional development and leadership opportunities.

Related Careers

- Education Teachers, Postsecondary
- History Teachers, Postsecondary
- Middle School Teachers, Except Special and Career/Technical Education
- Secondary School Teachers, Except Special and Career/Technical Education

History, B.A.

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Requirements

UVU's History Program is dedicated to developing the twenty-first century student. We provide the general student body a broad range of courses that increase global awareness, engagement and informed citizenship, as well as develop critical thinking, writing, and oral expression. In addition, History majors can choose from a large number of in-depth upper division courses that further their content knowledge and expand their abilities to critically analyze past and current events in a variety of regions and nations. In all courses, students and faculty observe the human experience by investigating the diverse historical perspectives of the past and present. History faculty endeavor to teach in ways that foster independent thinking, engage the students with historical conversations and debates, and improve students' ability to communicate in a variety of media. Students who successfully complete our programs will have a valuable set of skills for further study in graduate and professional programs, and careers in public service or private enterprise.

Total Program Credits: 120

General Education Requirements:		36 Credits
ENGL 1010	Introduction to Academic Writing CC	3
or ENGH 1005	Literacies and Composition Across Contexts CC (5)	
ENGL 2010	Intermediate Academic Writing CC	3
Complete one of the following:		3
MAT 1030	Quantitative Reasoning QL (3)	
MAT 1035	Quantitative Reasoning with Integrated Algebra QL (6)	
STAT 1040	Introduction to Statistics QL (3)	
STAT 1045	Introduction to Statistics with Algebra QL (5)	
MATH 1050	College Algebra QL (4)	
MATH 1055	College Algebra with Preliminaries QL (5)	
MATH 1090	College Algebra for Business QL (3)	
Complete one of the following:		3
HIST 1700	American Civilization AS (3)	
HIST 1740	US Economic History AS (3)	
POLS 1000	American Heritage SS (3)	
POLS 1100	American National Government AS (3)	
Complete the following:		
PHIL 2050	Ethics and Values IH	3
HLTH 1100	Personal Health and Wellness TE (2)	
or EXSC 1097	Fitness for Life TE	2
Distribution Courses:		
Biology		3
Physical Science		3
Additional Biology or Physical Science		3
Humanities Distribution (Fulfilled by completing Foreign Language Course 202G/2020)		4
Fine Arts Distribution		3
Social/Behavioral Science		3
Discipline Core Requirements:		39 Credits
HIST 1500	World History to 1500 SS	3
HIST 151G	World History from 1500 to the Present SS GI	3
HIST 2700	US History to 1877 AS	3
HIST 2710	US History since 1877 AS	3
HIST 3010	The Historian's Craft WE	3
HIST 4980	Senior Research Thesis Research Component WE	3
HIST 4990	Senior Research Thesis Writing Component	3
Discipline Elective Requirements		
European History: complete at least one course in European history		3
HIST 3110	Greek History (3)	
HIST 3130	Roman History (3)	
HIST 3150	Medieval Europe (3)	

History and Political Science

	HIST 3160	Renaissance and Reformation--Europe 1350 to 1600 (3)	
	HIST 3170	Absolutism Enlightenment and Revolution--Europe from 1600 to 1815 (3)	
	HIST 3180	Nineteenth Century Europe (3)	
	HIST 3190	Twentieth Century Europe (3)	
	HIST 3320	Modern Britain (3)	
	HIST 3340	The French Revolution and Napoleon (3)	
	HIST 366G	The History of Modern Russia--1864 to Present GI (3)	
	HIST 4180	The Italian Renaissance WE (3)	
United States History: complete at least one course in US history			3
	HIST 320G	Women in American History to 1870 GI WE (3)	
	HIST 321G	Women in American History since 1870 GI (3)	
	HIST 322G	History of the American West to 1850 GI WE (3)	
	HIST 323G	History of the American West since 1850 GI WE (3)	
	HIST 3260	History of Utah (3)	
	HIST 3730	American Origins to 1790 (3)	
	HIST 3731	US. History-Early Republic through the Progressive Era (3)	
	HIST 3732	U.S. History-Progressive Era to the 21st Century (3)	
	HIST 3740	American Revolution (3)	
	HIST 3745	Civil War and Reconstruction (3)	
	HIST 3800	Environmental History of the United States (3)	
	HIST 382G	American Indian History to 1890 GI (3)	
	HIST 384G	American Indian History since 1890 GI (3)	
	HIST 466G	Legacies and Reckonings in the American West GI WE (3)	
	AIST 327G	Indians of Utah GI (3)	
	AIST 3810	Precolumbian America (3)	
	AIST 3830	Indians of the Great Plains (3)	
	AIST 3850	The Struggle for Self-determination American Indians 1891 to present (3)	
World History: Complete at least one course in world history			3
	HIST 204G	Colonial Latin America GI (3)	
	HIST 205G	Modern Latin America GI (3)	
	HIST 3030	Introduction to African History (3)	
	HIST 330G	Mediterranean World 1500-1800 GI (3)	
	HIST 3540	History of South Africa (3)	
	HIST 421G	The Global Cold War GI (3)	
	HIST 430G	Violence and Social Conflict in Latin America GI (3)	

	HIST 4310	Violence and War in the Ancient World WE (3)	
	HIST 461G	Peoples of the Atlantic World 1450-1800 GI (3)	
	HIST 463G	Missions and Conversion in the Early Americas GI (3)	
Special Topics: complete at least one course in a special topic			3
	HIST 3020	Public and Digital History (3)	
	HIST 320R	Issues and Topics in Global History (3)	
	HIST 3440	The History of World War I (3)	
	HIST 345G	The History of World War II GI (3)	
	HIST 371R	Issues and Topics in American History (3)	
	HIST 4130	Anti-Semitism and the Holocaust (3)	
	HIST 4140	Genocide in the Twentieth Century (3)	
	HIST 420R	Issues and Topics in Global History (3)	
	HIST 4320	History of Scientific Thought (3)	
	HIST 471R	Special Issues and Topics in American History (3)	
	HIST 482R	Public History Internship (2-9)	
	HIST 491R	Directed Readings (2-4)	
Complete any two additional upper division History courses			6
Elective Requirements:			45 Credits
	Complete additional 12 hours of one Foreign Language		12
	Any courses numbered 1000 or higher (15 credits must be upper division)		33

Graduation Requirements:

1. Completion of a minimum of 120 credits, 40 of which must be 3000 level or higher.
2. Minimum UVU GPA of 2.0 upon graduation, with no HIST course grade below a C-.
3. Completion of four semesters of one foreign language.
4. Comply with the catalog's rule on maximum number of years in the program.
5. Minimum of 30 credits must be taken at UVU.
6. Successful completion of at least one Global/Intercultural course.
7. Successful completion of at least two Writing Enriched courses.

NOTES: Students should frequently consult with his/her advisor on program requirements.

History, B.A.

Careers

1. Demonstrate critical reading, analytical thinking, advanced writing, and oral presentation skills.
2. Demonstrate proficiency with multiple historical methodologies.
3. Demonstrate competency in identifying various historical schools of thought (historiography).
4. Conduct and present research in the discipline using primary documents.

Related Careers

- Managers, All Other
- Historians

- History Teachers, Postsecondary
- Secondary School Teachers, Except Special and Career/Technical Education

Political Science - American Government Emphasis, B.A.

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Requirements

Political science enjoys a central position among the social sciences. Aristotle characterized politics as the "queen of the sciences." It is a broad discipline that encompasses philosophical, historical and analytical studies of governments, politics and policies. Political science students learn not only the concepts, theories and methods associated with the discipline, but also gain the cognitive and presentational skills required of tomorrow's public and private leaders. At its core, politics is about building and maintaining communities at the local, state, national and international levels that enable citizens to live enriching and fulfilling lives. Political science students develop not only an understanding of those communities, but also the ability to influence them.

Total Program Credits: 120

General Education Requirements:		36 Credits
	ENGL 1010 Introduction to Academic Writing CC	3
or	ENGH 1005 Literacies and Composition Across Context CC (5)	
	ENGL 2010 Intermediate Academic Writing CC	3
Complete one of the following:		3
	MAT 1030 Quantitative Reasoning QL (3) (recommended)	
	MAT 1035 Quantitative Reasoning with Integrated Algebra QL (6) (recommended)	
	STAT 1040 Introduction to Statistics QL (3)	
	STAT 1045 Introduction to Statistics with Algebra QL (5)	
	MATH 1050 College Algebra QL (4)	
	MATH 1055 College Algebra with Preliminaries QL (5)	
	MATH 1090 College Algebra for Business QL (3)	
Complete one of the following:		3
	HIST 1700 American Civilization AS (3)	
	HIST 2700 US History to 1877 AS (3)	
and	HIST 2710 US History since 1877 AS (3)	
	HIST 1740 US Economic History AS (3)	
	POLS 1000 American Heritage SS (3)	
Complete the following:		
	PHIL 2050 Ethics and Values IH	3
	HLTH 1100 Personal Health and Wellness TE (2)	
or	EXSC 1097 Fitness for Life TE	2
Distribution Courses:		
	Biology	3
	Physical Science	3
	Additional Biology or Physical Science	3

Humanities (fulfilled by completing any foreign language 202G/2020 course)		4
Fine Arts		3
Social/Behavioral Science		3
Discipline Core Requirements:		18 Credits
POLS 1100	American National Government AS	3
POLS 2100	Introduction to International Relations SS	3
POLS 2200	Introduction to Comparative Politics SS	3
POLS 230G	Introduction to Political Theory GI	3
POLS 3000	Political Analysis	3
POLS 4990	Senior Seminar WE (3)	
or	POLS 480R Internship WE	3
or	PJST 4900 Peace and Justice Studies Capstone WE (3)	
Elective Requirements:		36 Credits
Foreign Language Requirement: Complete 1010, 1020, 2010, and 202G (one language)		12
Any courses numbered 1000 or higher. (9 credit hours must be upper division (3000-4000 level courses))		24
Emphasis Requirements:		30 Credits
Complete 18 credits from the followings courses (at least one must be Writing Enriched):		18 Credits
AIST 4600	Contemporary American Indian Political and Social Issues (3)	
CNST 3870	Constitutional History to Plessy 1896 (3)	
CNST 3880	Constitutional History Since Plessy 1896 (3)	
CNST 4720	Foundations of American Constitutionalism (3)	
CNST 4790	US Constitution (3)	
PJST 4300	Race Gender and Class in Peace and Justice (3)	
POLS 3030	State and Local Government (3)	
POLS 3120	Political Parties (3)	
POLS 3150	US Presidency (3)	
POLS 3180	Public Opinion and Political Behavior (3)	
POLS 3160	Campaigns and Elections (undefined)	
POLS 3170	Political Psychology WE (3)	
POLS 3200	US Congress (3)	
POLS 3220	Interest Groups (3)	
POLS 3310	Introduction to Public Policy WE (3)	
POLS 3350	Health Politics and Policy (3)	
POLS 3480	Race in Politics (3)	
POLS 420R	Issues and Topics in Political Science (3)	
POLS 490R	Independent Study (1-4)	
PHIL 3700	Social and Political Philosophy (3)	

History and Political Science

SOC 3460	Political Sociology (3)	
Complete any 12 elective credits (at least 4 credits must be upper division)		12 Credits

Graduation Requirements:

1. Completion of a minimum of 120 or more semester credits, 40 credits must be upper-division.
2. Overall grade point average of 2.0 (C) or above, with no POLS course grade lower than a C-.
3. Residency hours: minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
4. Completion of GE and specified departmental requirements.
5. Completion of 16 credit hours of coursework from one language to include 1010, 1020, 2010, and 202G/2020 levels or transferred equivalents.
6. Successful completion of at least one Global/Intercultural course.

Political Science - American Government Emphasis, B.A.

Careers

1. Demonstrate critical reading, analytical thinking, advanced writing, and oral presentation skills.
2. Demonstrate competency in identifying and comparing various types of political models, political theories, and academic literature.
3. Acquire civic knowledge and understand how it is important for civic engagement.

Related Careers

- Managers, All Other
- Political Scientists
- Political Science Teachers, Postsecondary

Political Science - American Government Emphasis, B.S.

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Total Program Credits: 120

General Education Requirements:		35 Credits
	ENGL 1010 Introduction to Academic Writing CC	3
or	ENGH 1005 Literacies and Composition Across Context CC (5)	
	ENGL 2010 Intermediate Academic Writing CC	3
Complete one of the following:		3

	MAT 1030	Quantitative Reasoning QL (3) (recommended)	
	MAT 1035	Quantitative Reasoning with Integrated Algebra QL (6) (recommended)	
	STAT 1040	Introduction to Statistics QL (3)	
	STAT 1045	Introduction to Statistics with Algebra QL (5)	
	MATH 1050	College Algebra QL (4) (recommended for business, Education, Science, and Health Professions majors)	
	MATH 1055	College Algebra with Preliminaries QL (5)	
Complete one of the following:			3
	HIST 1700	American Civilization AS (3)	
	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	
	HIST 1740	US Economic History AS (3)	
	POLS 1000	American Heritage SS (3)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
	HLTH 1100	Personal Health and Wellness TE (2)	
or	EXSC 1097	Fitness for Life TE	2
Distribution Courses:			
	Biology		3
	Physical Science		3
	Additional Biology or Physical Science		3
	Humanities		3
	Fine Arts		3
	Social/Behavioral Science		3
Discipline Core Requirements:			30 Credits
	POLS 1100	American National Government AS	3
	POLS 2100	Introduction to International Relations SS	3
	POLS 2200	Introduction to Comparative Politics SS	3
	POLS 230G	Introduction to Political Theory GI	3
	POLS 3000	Political Analysis	3
	POLS 4990	Senior Seminar WE (3)	
or	POLS 480R	Internship WE	3
or	PJST 4900	Peace and Justice Studies Capstone WE (3)	
Quantitative Requirement			
	POLS 3010	Political Analysis II	3
Complete 9 credits from the following courses:			9
	POLS 3020	Public Program Analysis (3)	
	POLS 3040	Survey Research and Design Methods (3)	
	POLS 3050	Experimental Methods in Political Science (3)	
	POLS 3060	Qualitative Analysis (3)	

	POLS 3070	Policy Analysis (3)	
Elective Requirements:			25 Credits
	Any courses numbered 1000 or higher. (3 credit hours must be upper division (3000-4000 level courses))		25
Emphasis Requirements:			30 Credits
Complete 18 credits from the following courses (at least one must be Writing Enriched):			18
	AIST 4600	Contemporary American Indian Political and Social Issues (3)	
	CNST 3870	Constitutional History to Plessy 1896 (3)	
	CNST 3880	Constitutional History Since Plessy 1896 (3)	
	CNST 4720	Foundations of American Constitutionalism (3)	
	CNST 4790	US Constitution (3)	
	PJST 4300	Race Gender and Class in Peace and Justice (3)	
	POLS 3030	State and Local Government (3)	
	POLS 3040	Survey Research and Design Methods (3)	
	POLS 3120	Political Parties (3)	
	POLS 3150	US Presidency (3)	
	POLS 3160	Campaigns and Elections (3)	
	POLS 3170	Political Psychology WE (3)	
	POLS 3180	Public Opinion and Political Behavior (3)	
	POLS 3200	US Congress (3)	
	POLS 3220	Interest Groups (3)	
	POLS 3310	Introduction to Public Policy WE (3)	
	POLS 3350	Health Politics and Policy (3)	
	POLS 3480	Race in Politics (3)	
	POLS 420R	Issues and Topics in Political Science (3)	
	POLS 490R	Independent Study (1-4)	
	PHIL 3700	Social and Political Philosophy (3)	
	SOC 3460	Political Sociology (3)	
	Complete any 12 elective credits (4 credits must be upper division)		12

Graduation Requirements:

1. Completion of a minimum of 120 or more semester credits, 40 credits must be upper-division.
2. Overall grade point average of 2.0 (C) or above, with no POLS course grade below C-.
3. Residency hours: minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
4. Completion of GE and specified departmental requirements.
5. Successful completion of at least one Global/Intercultural course.

Political Science - American Government Emphasis, B.S. Careers

1. Demonstrate critical reading, analytical thinking, advanced writing, and oral presentation skills.
2. Demonstrate competency in identifying and comparing various types of political models, political theories, and academic literature.
3. Acquire civic knowledge and understand how it is important for civic engagement.

Related Careers

- Managers, All Other
- Political Scientists
- Political Science Teachers, Postsecondary

Political Science - Global Politics Emphasis, B.A.

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Total Program Credits: 120

General Education Requirements:			36 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGL 1005	Literacies and Composition Across Context CC (5)	
	ENGL 2010	Intermediate Academic Writing CC	3
Complete one of the following:			3
	MAT 1030	Quantitative Reasoning QL (3) (recommended)	
	MAT 1035	Quantitative Reasoning with Integrated Algebra QL (6) (recommended)	
	STAT 1040	Introduction to Statistics QL (3)	
	STAT 1045	Introduction to Statistics with Algebra QL (5)	
	MATH 1050	College Algebra QL (4)	
	MATH 1055	College Algebra with Preliminaries QL (5)	
	MATH 1090	College Algebra for Business QL (3)	
Complete one of the following:			3
	HIST 1700	American Civilization AS (3)	
	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	

History and Political Science

	HIST 1740	US Economic History AS (3)	
	POLS 1000	American Heritage SS (3)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
	HLTH 1100	Personal Health and Wellness TE (2)	
or	EXSC 1097	Fitness for Life TE	2
Distribution Courses:			
	Biology		3
	Physical Science		3
	Additional Biology or Physical Science		3
	Humanities (fulfilled by completing any foreign language 202G/2020 course)		4
	Fine Arts		3
	Social/Behavioral Science		3
Discipline Core Requirements:			18 Credits
	POLS 1100	American National Government AS	3
	POLS 2100	Introduction to International Relations SS	3
	POLS 2200	Introduction to Comparative Politics SS	3
	POLS 230G	Introduction to Political Theory GI	3
	POLS 3000	Political Analysis	3
	POLS 4990	Senior Seminar WE (3)	
or	POLS 480R	Internship WE	3
or	PJST 4900	Peace and Justice Studies Capstone WE (3)	
Elective Requirements:			36 Credits
	Foreign Language Requirement: Complete 1010,1020, 2010, and 202G (one language)		12
	Any courses numbered 1000 or higher. (9 credit hours must be upper division (3000-4000 level courses))		24
Emphasis Requirements:			30 Credits
Complete 18 credits from the followings courses:			18
	HIST 205G	Modern Latin America GI (3)	
	POLS 3650	Model United Nations (3)	
	POLS 3100	Survey of International Terrorism (3)	
	POLS 3210	World Diplomacy (3)	
	POLS 3400	American Foreign Policy (3)	
	POLS 3410	Globalization and Sustainable Development (3)	
	POLS 3420	Islam in World Affairs (3)	
	POLS 3500	International Relations of the Middle East (3)	
	POLS 3510	Post Soviet Politics WE (3)	
	POLS 352G	Chinese Politics GI (3)	
	POLS 353G	Asian Politics GI (3)	
	POLS 356G	Comparative Politics of Central Asia GI (3)	

	POLS 3600	International Relations of East Asia WE (3)	
	POLS 3610	International Organization WE (3)	
	POLS 3630	Sustainable Mountain Development (3)	
	POLS 362G	Modern Chinese Political Economy GI (3)	
	POLS 3620	Latin American Politics (3)	
	POLS 3640	United Nations Sustainable Development Goals (3)	
	POLS 3680	International Political Economy (3)	
	POLS 420R	Issues and Topics in Political Science (3)	
	POLS 4500	International Conflict and Security (3)	
	POLS 4610	International Law (3)	
Complete any 12 elective credits (at least 4 credits must be upper division)			12

Graduation Requirements:

1. Completion of a minimum of 120 or more semester credits, 40 credits must be upper-division.
2. Overall grade point average of 2.0 (C) or above, with no POLS course grade lower than a C-.
3. Residency hours: minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
4. Completion of GE and specified departmental requirements.
5. Completion of 16 credit hours of coursework from one language to include 1010, 1020, 2010, and 202G/2020 levels or transferred equivalents.
6. Successful completion of at least one Global/Intercultural course.

Political Science - Global Politics Emphasis, B.A. Careers

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2. Demonstrate competency in identifying and comparing various types of political models, political theories, and academic literature.
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Related Careers

- Managers, All Other
- Political Scientists
- Political Science Teachers, Postsecondary

Political Science - Global Politics Emphasis, B.S.

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and international levels that enable citizens to live enriching and fulfilling lives. Political science students develop not only an understanding of those communities, but also the ability to influence them.

Total Program Credits: 120

General Education Requirements:		35 Credits
	ENGL 1010 Introduction to Academic Writing CC	3
or	ENGH 1005 Literacies and Composition Across Context CC (5)	
	ENGL 2010 Intermediate Academic Writing CC	3
Complete one of the following:		3
	MAT 1030 Quantitative Reasoning QL (3) (recommended)	
	MAT 1035 Quantitative Reasoning with Integrated Algebra QL (6) (recommended)	
	STAT 1040 Introduction to Statistics QL (3)	
	STAT 1045 Introduction to Statistics with Algebra QL (5)	
	MATH 1050 College Algebra QL (4)	
	MATH 1055 College Algebra with Preliminaries QL (5)	
Complete one of the following:		3
	HIST 1700 American Civilization AS (3)	
	HIST 2700 US History to 1877 AS (3)	
and	HIST 2710 US History since 1877 AS (3)	
	HIST 1740 US Economic History AS (3)	
	POLS 1000 American Heritage SS (3)	
Complete the following:		
	PHIL 2050 Ethics and Values IH	3
	HLTH 1100 Personal Health and Wellness TE (2)	
or	EXSC 1097 Fitness for Life TE	2
Distribution Courses:		
	Biology	3
	Physical Science	3
	Additional Biology or Physical Science	3
	Humanities	3
	Fine Arts	3
	Social/Behavioral Science	3
Discipline Core Requirements:		30 Credits
	POLS 1100 American National Government AS	3
	POLS 2100 Introduction to International Relations SS	3
	POLS 2200 Introduction to Comparative Politics SS	3
	POLS 230G Introduction to Political Theory GI	3
	POLS 3000 Political Analysis	3
	POLS 4990 Senior Seminar WE (3)	
or	POLS 480R Internship WE	3
or	PJST 4900 Peace and Justice Studies Capstone WE (3)	

Quantitative Requirement		
POLS 3010	Political Analysis II	3
Complete 9 credits from the following courses:		9
POLS 3020	Public Program Analysis (3)	
POLS 3040	Survey Research and Design Methods (3)	
POLS 3050	Experimental Methods in Political Science (3)	
POLS 3060	Qualitative Analysis (3)	
POLS 3070	Policy Analysis (3)	
Elective Requirements:		25 Credits
Any courses numbered 1000 or higher. (3 credit hours must be upper division (3000-4000 level courses))		25
Emphasis Requirements:		30 Credits
Complete 18 credits from the followings courses:		18
HIST 205G	Modern Latin America GI (3)	
POLS 3100	Survey of International Terrorism (3)	
POLS 3210	World Diplomacy (3)	
POLS 3400	American Foreign Policy (3)	
POLS 3410	Globalization and Sustainable Development (3)	
POLS 3420	Islam in World Affairs (3)	
POLS 3500	International Relations of the Middle East (3)	
POLS 3510	Post Soviet Politics WE (3)	
POLS 352G	Chinese Politics GI (3)	
POLS 353G	Asian Politics GI (3)	
POLS 356G	Comparative Politics of Central Asia GI (3)	
POLS 3600	International Relations of East Asia WE (3)	
POLS 3610	International Organization WE (3)	
POLS 362G	Modern Chinese Political Economy GI (3)	
POLS 3620	Latin American Politics (3)	
POLS 3630	Sustainable Mountain Development (3)	
POLS 3640	United Nations Sustainable Development Goals (3)	
POLS 3650	Model United Nations (3)	
POLS 3680	International Political Economy (3)	
POLS 420R	Issues and Topics in Political Science (3)	
POLS 4500	International Conflict and Security (3)	
POLS 4610	International Law (3)	
Complete any 12 elective credits (at least 4 credits must be upper division)		12

Graduation Requirements:

1. Completion of a minimum of 120 or more semester credits, 40 credits must be upper-division.

History and Political Science

- Overall grade point average of 2.0 (C) or above, with no POLS course grade below C-.
- Residency hours: minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
- Completion of GE and specified departmental requirements.
- Successful completion of at least one Global/Intercultural course.

Political Science - Global Politics Emphasis, B.S. Careers

- Demonstrate critical reading, analytical thinking, advanced writing, and oral presentation skills.
- Demonstrate competency in identifying and comparing various types of political models, political theories, and academic literature.
- Acquire civic knowledge and understand how it is important for civic engagement.

Related Careers

- Managers, All Other
- Political Scientists
- Political Science Teachers, Postsecondary

Political Science - Indian Affairs Administration Emphasis, B.A.

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Total Program Credits: 120

General Education Requirements:		36 Credits
	ENGL 1010 Introduction to Academic Writing CC	3
or	ENGL 1005 Literacies and Composition Across Context CC (5)	
	ENGL 2010 Intermediate Academic Writing CC	3
Complete one of the following:		3
	MAT 1030 Quantitative Reasoning QL (3) (recommended)	
	MAT 1035 Quantitative Reasoning with Integrated Algebra QL (6) (recommended)	
	STAT 1040 Introduction to Statistics QL (3)	
	STAT 1045 Introduction to Statistics with Algebra QL (5)	
	MATH 1050 College Algebra QL (4)	
	MATH 1055 College Algebra with Preliminaries QL (5)	

	MATH 1090 College Algebra with Preliminaries QL (5)	
Complete one of the following:		3
	HIST 1700 American Civilization AS (3)	
	HIST 2700 US History to 1877 AS (3)	
and	HIST 2710 US History since 1877 AS (3)	
	HIST 1740 US Economic History AS (3)	
	POLS 1000 American Heritage SS (3)	
Complete the following:		
	PHIL 2050 Ethics and Values IH	3
	HLTH 1100 Personal Health and Wellness TE (2)	
or	EXSC 1097 Fitness for Life TE	2
Distribution Courses:		
	Biology	3
	Physical Science	3
	Additional Biology or Physical Science	3
	Humanities (fulfilled by completing any foreign language 202G/2020 course)	4
	Fine Arts	3
	Social/Behavioral Science	3
Discipline Core Requirements:		18 Credits
	POLS 1100 American National Government AS	3
	POLS 2100 Introduction to International Relations SS	3
	POLS 2200 Introduction to Comparative Politics SS	3
	POLS 230G Introduction to Political Theory SS	3
	POLS 3000 Political Analysis	3
	POLS 4990 Senior Seminar WE	3
or	POLS 480R Internship WE	
or	PJST 4900 Peace and Justice Studies Capstone WE (3)	
Elective Requirements:		36 Credits
	Foreign Language Requirement: Complete 1010, 1020, 2010, and 202G (one language)	12
	Any courses numbered 1000 or higher. (9 credit hours must be upper division (3000-4000 level courses))	24
Emphasis Requirements:		30 Credits
Complete 18 credits from the followings courses:		18
	AIST 180G Introduction to American Indian Studies SS GI(3)	
	AIST 3360 American Indian Education Policy (3)	
	AIST 3590 American Indian Law (3)	
	AIST 3600 American Indian Policy and Tribal Government (3)	
	AIST 3850 The Struggle for Self-determination American Indians 1891 to present (3)	
	AIST 4600 Contemporary American Indian Political and Social Issues (3)	

AIST 490R	Special Topics in American Indian Studies (3)	
CNST 4795	Civil Rights and Civil Liberties (3)	
POLS 3030	State and Local Government (3)	
POLS 3320	Nonprofits and The Public Sector (3)	
POLS 3350	Health Politics and Policy (3)	
POLS 3480	Race in Politics (3)	
Complete any 12 elective credits (at least 4 credits must be upper division, and at least 3 credits must be a POLS Writing Enriched course)		12

Graduation Requirements:

1. Completion of a minimum of 120 or more semester credits, 40 credits must be upper-division.
2. Overall grade point average of 2.0 (C) or above, with no POLS course grade lower than a C-.
3. Residency hours: minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
4. Completion of GE and specified departmental requirements.
5. Completion of 16 credit hours of coursework from one language to include 1010, 1020, 2010, and 202G/2020 levels or transferred equivalents.
6. Successful completion of at least one Global/Intercultural course.

Political Science - Indian Affairs Administration Emphasis, B.A.**Careers**

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Related Careers

- Managers, All Other
- Political Scientists
- Political Science Teachers, Postsecondary

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Total Program Credits: 120

General Education Requirements:		35 Credits
ENGL 1010	Introduction to Academic Writing CC	3
or ENGH 1005	Literacies and Composition Across Contexts CC (5)	
ENGL 2010	Intermediate Academic Writing CC	3
Complete one of the following:		3
MAT 1030	Quantitative Reasoning QL (3) (recommended)	
MAT 1035	Quantitative Reasoning with Integrated Algebra QL (6) (recommended)	
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MATH 1050	College Algebra QL (4) (recommended for business, Education, Science, and Health Professions majors)	
MATH 1055	College Algebra with Preliminaries QL (5)	
Complete one of the following:		3
HIST 1700	American Civilization AS (3)	
HIST 2700	US History to 1877 AS (3)	
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HIST 1740	US Economic History AS (3)	
POLS 1000	American Heritage SS (3)	
Complete the following:		
PHIL 2050	Ethics and Values IH	3
HLTH 1100	Personal Health and Wellness TE (2)	
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Distribution Courses:		
Biology		3
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Additional Biology or Physical Science		3
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Fine Arts		3
Social/Behavioral Science		3
Discipline Core Requirements:		30 Credits
POLS 1100	American National Government AS	3
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POLS 2200	Introduction to Comparative Politics SS	3
POLS 230G	Introduction to Political Theory GI	3
POLS 3000	Political Analysis	3
POLS 4990	Senior Seminar WE (3)	
or POLS 480R	Internship WE	3
or PJST 4900	Peace and Justice Studies Capstone (3)	
Quantitative Requirement		
POLS 3010	Political Analysis II	3
Complete 9 credits from the following courses:		9

History and Political Science

	POLS 3020	Public Program Analysis (3)	
	POLS 3040	Survey Research and Design Methods (3)	
	POLS 3050	Experimental Methods in Political Science (3)	
	POLS 3060	Qualitative Analysis (3)	
	POLS 3070	Policy Analysis (3)	
Elective Requirements:			25 Credits
	Any courses numbered 1000 or higher. (3 credit hours must be upper division (3000-4000 level courses))		25
Emphasis Requirements:			30 Credits
Complete 18 credits from the followings courses:			18
	AIST 180G	Introduction to American Indian Studies SS GI (3)	
	AIST 3360	American Indian Education Policy (3)	
	AIST 3590	American Indian Law (3)	
	AIST 3600	American Indian Policy and Tribal Government (3)	
	AIST 3850	The Struggle for Self-determination American Indians 1891 to present (3)	
	AIST 4600	Contemporary American Indian Political and Social Issues (3)	
	AIST 490R	Special Topics in American Indian Studies (3)	
	CNST 4795	Civil Rights and Civil Liberties (3)	
	POLS 3030	State and Local Government (3)	
	POLS 3320	Nonprofits and The Public Sector (3)	
	POLS 3350	Health Politics and Policy (3)	
	POLS 3480	Race in Politics (3)	
	Complete any 12 elective credits (at least 4 credits must be upper division, and at least 3 credits must be a POLS Writing Enriched course)		12

Graduation Requirements:

1. Completion of a minimum of 120 or more semester credits, 40 credits must be upper-division.
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3. Residency hours: minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
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Political Science - Indian Affairs Administration Emphasis, B.S.

Careers

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- Political Science Teachers, Postsecondary

Political Science - Peace and Justice Studies Emphasis, B.A.

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Requirements

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Total Program Credits: 120

General Education Requirements:			36 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGL 1005	Literacies and Composition Across Context CC (5)	
	ENGL 2010	Intermediate Academic Writing CC	3
Complete one of the following:			3
	MAT 1030	Quantitative Reasoning QL (3) (recommended)	
	MAT 1035	Quantitative Reasoning with Integrated Algebra QL (6) (recommended)	
	STAT 1040	Introduction to Statistics QL (3)	
	STAT 1045	Introduction to Statistics with Algebra QL (5)	
	MATH 1050	College Algebra QL (4)	
	MATH 1055	College Algebra with Preliminaries QL (5)	
	MATH 1090	College Algebra for Business QL (3)	
Complete one of the following:			3
	HIST 1700	American Civilization AS (3)	
	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	
	HIST 1740	US Economic History AS (3)	
	POLS 1000	American Heritage SS (3)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
	HLTH 1100	Personal Health and Wellness TE (2)	
or	EXSC 1097	Fitness for Life TE	2
Distribution Courses:			
	Biology		3

	Physical Science	3
	Additional Biology or Physical Science	3
	Humanities (fulfilled by completing any foreign language 202G/2020 course)	4
	Fine Arts	3
	Social/Behavioral Science	3
Discipline Core Requirements:		18 Credits
	POLS 1100 American National Government AS	3
	POLS 2100 Introduction to International Relations SS	3
	POLS 2200 Introduction to Comparative Politics SS	3
	POLS 230G Introduction to Political Theory GI	3
	POLS 3000 Political Analysis	3
	POLS 4990 Senior Seminar WE (3)	
or	POLS 480R Internship WE	3
or	PJST 4900 Peace and Justice Studies Capstone WE (3)	
Elective Requirements:		36 Credits
	Foreign Language Requirement: Complete 1010, 1020, 2010, and 202G (one language)	12
	Any courses numbered 1000 or higher. (9 credit hours must be upper division (3000-4000 level courses))	24
Emphasis Requirements:		30 Credits
	PJST 3000 Introduction to Peace and Justice Studies WE	3
	PJST 3400 Conflict Transformation Resolution and Sustainable Peace	3
Complete 12 credits from the following courses:		12
	CNST 4795 Civil Rights and Civil Liberties (3)	
	PJST 3020 The Ethics of War and Peace (3)	
	PJST 3030 The Scientific Study of War and Peace (3)	
	PJST 3040 Peace in Historical Context (3)	
	PJST 3100 Introduction to Human Security (3)	
	PJST 3200 Global Poverty Facts Causes and Solutions (3)	
	PJST 3300 Community Development (3)	
	PJST 4200 Advanced Poverty Studies: Global Problems and Policies (3)	
	PJST 4300 Race Gender and Class in Peace and Justice (3)	
	PJST 475R Issues in Peace and Justice Studies (3)	
	POLS 3100 Survey of International Terrorism (3)	
	POLS 3650 Model United Nations (3)	
	POLS 4500 International Conflict and Security (3)	
	SOC 3460 Political Sociology (3)	
	Complete any 12 elective credits (at least 4 credits must be upper division, and at least 3 credits must be a POLS Writing Enriched course)	12

Graduation Requirements:

1. Completion of a minimum of 120 or more semester credits, 40 credits must be upper-division.
2. Overall grade point average of 2.0 (C) or above, with no POLS course grade lower than a C-.
3. Residency hours: minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
4. Completion of GE and specified departmental requirements.
5. Completion of 16 credit hours of coursework from one language to include 1010, 1020, 2010, and 202G/2020 levels or transferred equivalents.
6. Successful completion of at least one Global/Intercultural course.

Political Science - Peace and Justice Studies Emphasis, B.A.**Careers**

1. Demonstrate critical reading, analytical thinking, advanced writing, and oral presentation skills.
2. Demonstrate competency in identifying and comparing various types of political models, political theories, and academic literature.
3. Acquire civic knowledge and understand how it is important for civic engagement.

Related Careers

- Managers, All Other
- Political Scientists
- Political Science Teachers, Postsecondary

Political Science - Peace and Justice Studies Emphasis, B.S.

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Total Program Credits: 120

General Education Requirements:		35 Credits
	ENGL 1010 Introduction to Academic Writing CC	3
or	ENGH 1005 Literacies and Composition Across Contexts CC (5)	
	ENGL 2010 Intermediate Academic Writing CC	3
Complete one of the following:		3
	MAT 1030 Quantitative Reasoning QL (3) (recommended)	
	MAT 1035 Quantitative Reasoning with Integrated Algebra QL (6) (recommended)	
	STAT 1040 Introduction to Statistics QL (3)	

History and Political Science

	STAT 1045	Introduction to Statistics with Algebra QL (5)	
	MATH 1050	College Algebra QL (4) (recommended for business, Education, Science, and Health Professions majors)	
	MATH 1055	College Algebra with Preliminaries QL (5)	
Complete one of the following:			3
	HIST 1700	American Civilization AS (3)	
	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	
	HIST 1740	US Economic History AS (3)	
	POLS 1000	American Heritage SS (3)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
	HLTH 1100	Personal Health and Wellness TE (2)	
or	EXSC 1097	Fitness for Life TE	2
Distribution Courses:			
	Biology		3
	Physical Science		3
	Additional Biology or Physical Science		3
	Humanities		3
	Fine Arts		3
	Social/Behavioral Science		3
Discipline Core Requirements:			30 Credits
	POLS 1100	American National Government AS	3
	POLS 2100	Introduction to International Relations SS	3
	POLS 2200	Introduction to Comparative Politics SS	3
	POLS 230G	Introduction to Political Theory GI	3
	POLS 3000	Political Analysis	3
	POLS 4990	Senior Seminar WE (3)	
or	POLS 480R	Internship WE	3
or	PJST 4900	Peace and Justice Studies Capstone WE (3)	
Quantitative Requirement			
	POLS 3010	Political Analysis II	3
Complete 9 credits from the following courses:			9
	POLS 3020	Public Program Analysis (3)	
	POLS 3040	Survey Research and Design Methods (3)	
	POLS 3050	Experimental Methods in Political Science (3)	
	POLS 3060	Qualitative Analysis (3)	
	POLS 3070	Policy Analysis (3)	
Elective Requirements:			25 Credits
	Any courses numbered 1000 or higher. (3 credit hours must be upper division (3000-4000 level courses))		25

Emphasis Requirements:			30 Credits
	PJST 3000	Introduction to Peace and Justice Studies WE	3
	PJST 3400	Conflict Transformation Resolution and Sustainable Peace	3
Complete 12 credits from the following courses:			12
	CNST 4795	Civil Rights and Civil Liberties (3)	
	PJST 3020	The Ethics of War and Peace (3)	
	PJST 3030	The Scientific Study of War and Peace (3)	
	PJST 3040	Peace in Historical Context (3)	
	PJST 3100	Introduction to Human Security (3)	
	PJST 3200	Global Poverty Facts Causes and Solutions (3)	
	PJST 3300	Community Development (3)	
	PJST 4200	Advanced Poverty Studies:Global Problems and Policies (3)	
	PJST 4300	Race Gender and Class in Peace and Justice (3)	
	PJST 475R	Issues in Peace and Justice Studies (3)	
	POLS 3100	Survey of International Terrorism (3)	
	POLS 3650	Model United Nations (3)	
	POLS 4500	International Conflict and Security (3)	
	SOC 3460	Political Sociology (3)	
Complete any 12 elective credits (at least 4 credits must be upper division, and at least 3 credits must be a POLS Writing Enriched course)			12

Graduation Requirements:

1. Completion of a minimum of 120 or more semester credits, 40 credits must be upper-division.
2. Overall grade point average of 2.0 (C) or above, with no POLS course grade below C-.
3. Residency hours: minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
4. Completion of GE and specified departmental requirements.
5. Successful completion of at least one Global/Intercultural course.

Political Science - Peace and Justice Studies Emphasis, B.S. Careers

1. Demonstrate critical reading, analytical thinking, advanced writing, and oral presentation skills.
2. Demonstrate competency in identifying and comparing various types of political models, political theories, and academic literature.
3. Acquire civic knowledge and understand how it is important for civic engagement.

Related Careers

- Managers, All Other
- Political Scientists
- Political Science Teachers, Postsecondary

Political Science - Public Administration and Public Policy Emphasis, B.A.

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Total Program Credits: 120

General Education Requirements:		36 Credits
	ENGL 1010 Introduction to Academic Writing CC	3
or	ENGH 1005 Literacies and Composition Across Context CC (5)	
	ENGL 2010 Intermediate Academic Writing CC	3
Complete one of the following:		3
	MAT 1030 Quantitative Reasoning QL (3) (recommended)	
	MAT 1035 Quantitative Reasoning with Integrated Algebra QL (6) (recommended)	
	STAT 1040 Introduction to Statistics QL (3)	
	STAT 1045 Introduction to Statistics with Algebra QL (5)	
	MATH 1050 College Algebra QL (4)	
	MATH 1055 College Algebra with Preliminaries QL (5)	
	MATH 1090 College Algebra for Business QL (3)	
Complete one of the following:		3
	HIST 1700 American Civilization AS (3)	
	HIST 2700 US History to 1877 AS (3)	
and	HIST 2710 US History since 1877 AS (3)	
	HIST 1740 US Economic History AS (3)	
	POLS 1000 American Heritage SS (3)	
Complete the following:		
	PHIL 2050 Ethics and Values IH	3
	HLTH 1100 Personal Health and Wellness TE (2)	
or	EXSC 1097 Fitness for Life TE	2
Distribution Courses:		
	Biology	3
	Physical Science	3
	Additional Biology or Physical Science	3
	Humanities (fulfilled by completing any foreign language 202G/2020 course)	4
	Fine Arts	3

Social/Behavioral Science		3
Discipline Core Requirements:		18 Credits
	POLS 1100 American National Government AS	3
	POLS 2100 Introduction to International Relations SS	3
	POLS 2200 Introduction to Comparative Politics SS	3
	POLS 230G Introduction to Political Theory GI	3
	POLS 3000 Political Analysis	3
	POLS 4990 Senior Seminar WE (3)	
or	POLS 480R Internship WE (3)	3
or	PJST 4900 Peace and Justice Studies Capstone WE (3)	
Elective Requirements:		36 Credits
Foreign Language Requirement: Complete 1010,1020, 2010, and 202G (one language)		12
Any courses numbered 1000 or higher. (9 credit hours must be upper division (3000-4000 level courses))		24
Emphasis Requirements:		30 Credits
	POLS 3300 Introduction to Public Administration	3
	POLS 3310 Introduction to Public Policy WE	3
Complete 12 credits from the followings courses:		12
	AIST 3590 American Indian Law (3)	
	AIST 3600 American Indian Policy and Tribal Government (3)	
	ECON 4150 Public Finance (3)	
	HR 3430 Introduction to Human Resource Management (3)	
	POLS 3020 Public Program Analysis (3)	
	POLS 3030 State and Local Government (3)	
	POLS 3070 Policy Analysis (3)	
	POLS 3320 Nonprofits and The Public Sector (3)	
	POLS 3330 Environment Politics and Policy (3)	
	POLS 3340 Public Innovation (3)	
	POLS 3350 Health Politics and Policy (3)	
	POLS 3360 The Politics of Economic Inequality (3)	
	POLS 3370 Leading Cities (3)	
	POLS 3380 Local Economic Development (3)	
	POLS 3390 Urban Planning (3)	
	POLS 420R Issues and Topics in Political Science (3)	
	POLS 490R Independent Study (1-4)	
Complete any 12 elective credits (at least 4 credits must be upper division)		12

Graduation Requirements:

1. Completion of a minimum of 120 or more semester credits, 40 credits must be upper-division.
2. Overall grade point average of 2.0 (C) or above, with no POLS course grade lower than a C-.

History and Political Science

3. Residency hours: minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
4. Completion of GE and specified departmental requirements.
5. Completion of 16 credit hours of coursework from one language to include 1010, 1020, 2010, and 202G/2020 levels or transferred equivalents.
6. Successful completion of at least one Global/Intercultural course.

Political Science - Public Administration and Public Policy Emphasis, B.A.

Careers

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Total Program Credits: 120

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	ENGL 1010 Introduction to Academic Writing CC	3
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	ENGL 2010 Intermediate Academic Writing CC	3
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	MAT 1030 Quantitative Reasoning QL (3) (recommended)	
	MAT 1035 Quantitative Reasoning with Integrated Algebra QL (6) (recommended)	
	STAT 1040 Introduction to Statistics QL (3)	
	STAT 1045 Introduction to Statistics with Algebra QL (5)	
	MATH 1050 College Algebra QL (4) (recommended for business, Education, Science, and Health Professions majors)	

	MATH 1055 College Algebra with Preliminaries QL (5)	
Complete one of the following:		3
	HIST 1700 American Civilization AS (3)	
	HIST 2700 US History to 1877 AS (3)	
and	HIST 2710 US History since 1877 AS (3)	
	HIST 1740 US Economic History AS (3)	
	POLS 1000 American Heritage SS (3)	
Complete the following:		
	PHIL 2050 Ethics and Values IH	3
	HLTH 1100 Personal Health and Wellness TE (2)	
or	EXSC 1097 Fitness for Life TE	2
Distribution Courses:		
	Biology	3
	Physical Science	3
	Additional Biology or Physical Science	3
	Humanities	3
	Fine Arts	3
	Social/Behavioral Science	3
Discipline Core Requirements:		30 Credits
	POLS 1100 American National Government AS	3
	POLS 2100 Introduction to International Relations SS	3
	POLS 2200 Introduction to Comparative Politics SS	3
	POLS 230G Introduction to Political Theory GI	3
	POLS 3000 Political Analysis	3
	POLS 4990 Senior Seminar WE (3)	
or	POLS 480R Internship WE	3
or	PJST 4900 Peace and Justice Studies Capstone WE (3)	
Quantitative Requirement		
	POLS 3010 Political Analysis II	3
Complete 9 credits from the following courses:		9
	POLS 3020 Public Program Analysis (3)	
	POLS 3040 Survey Research and Design Methods (3)	
	POLS 3050 Experimental Methods in Political Science (3)	
	POLS 3060 Qualitative Analysis (3)	
	POLS 3070 Policy Analysis (3)	
Elective Requirements:		25 Credits
Any courses numbered 1000 or higher (3 credit hours must be upper division (3000-4000 level courses))		25
Emphasis Requirements:		30 Credits
	POLS 3300 Introduction to Public Administration	3
	POLS 3310 Introduction to Public Policy WE	3
Complete 12 credits from the followings courses:		12
	AIST 3590 American Indian Law (3)	

AIST 3600	American Indian Policy and Tribal Government (3)	
ECON 4150	Public Finance (3)	
HR 3430	Introduction to Human Resource Management (3)	
POLS 3020	Public Program Analysis (3)	
POLS 3030	State and Local Government (3)	
POLS 3070	Policy Analysis (3)	
POLS 3320	Nonprofits and The Public Sector (3)	
POLS 3330	Environmental Politics and Policy (3)	
POLS 3340	Public Innovation (3)	
POLS 3350	Health Politics and Policy (3)	
POLS 3360	The Politics of Economic Inequality (3)	
POLS 3370	Leading Cities (3)	
POLS 3380	Local Economic Development (3)	
POLS 3390	Urban Planning (3)	
POLS 420R	Issues and Topics in Political Science (3)	
POLS 490R	Independent Study (1-4)	
Complete any 12 elective credits (at least 4 credits must be upper division)		12

Graduation Requirements:

1. Completion of a minimum of 120 or more semester credits, 40 credits must be upper-division.
2. Overall grade point average of 2.0 (C) or above, with no POLS course grade below C-.
3. Residency hours: minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
4. Completion of GE and specified departmental requirements.
5. Successful completion of at least one Global/Intercultural course.

**Political Science - Public Administration and Public Policy Emphasis, B.S.
Careers**

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Related Careers

- Managers, All Other
- Political Scientists
- Political Science Teachers, Postsecondary

Political Science - Public Law and Political Philosophy Emphasis, B.A.

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Total Program Credits: 120

General Education Requirements:			36 Credits
or	ENGL 1010	Introduction to Academic Writing CC	3
	ENGH 1005	Literacies and Composition Across Context CC (5)	
	ENGL 2010	Intermediate Academic Writing CC	3
Complete one of the following:			3
	MAT 1030	Quantitative Reasoning QL (3) (recommended)	
	MAT 1035	Quantitative Reasoning with Integrated Algebra QL (6) (recommended)	
	STAT 1040	Introduction to Statistics QL (3)	
	STAT 1045	Introduction to Statistics with Algebra QL (5)	
	MATH 1050	College Algebra QL (4)	
	MATH 1055	College Algebra with Preliminaries QL (5)	
	MATH 1090	College Algebra for Business QL (3)	
Complete one of the following:			3
	HIST 1700	American Civilization AS (3)	
	HIST 2700	US History to 1877 AS(3)	
and	HIST 2710	US History since 1877 AS (3)	
	HIST 1740	US Economic History AS (3)	
	POLS 1000	American Heritage SS (3)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
	HLTH 1100	Personal Health and Wellness TE (2)	
or	EXSC 1097	Fitness for Life TE	2
Distribution Courses:			
	Biology		3
	Physical Science		3
	Additional Biology or Physical Science		3
	Humanities (fulfilled by completing any foreign language 202G/2020 course)		4
	Fine Arts		3
	Social/Behavioral Science		3
Discipline Core Requirements:			18 Credits
	POLS 1100	American National Government AS	3
	POLS 2100	Introduction to International Relations SS	3

History and Political Science

	POLS 2200	Introduction to Comparative Politics SS	3
	POLS 230G	Introduction to Political Theory GI	3
	POLS 3000	Political Analysis	3
	POLS 4990	Senior Seminar WE (3)	
or	POLS 480R	Internship WE	3
or	PJST 4900	Peace and Justice Studies Capstone WE (3)	
Elective Requirements:			36 Credits
	Foreign Language Requirement: Complete 1010,1020, 2010, and 202G (one language)		12
	Any courses numbered 1000 or higher. (9 credit hours must be upper division (3000-4000 level courses))		24
Emphasis Requirements:			30 Credits
	POLS 3250	Introduction to Law and Politics	3
Complete 15 credits from the followings courses:			15
	AIST 3590	American Indian Law (3)	
	AIST 3600	American Indian Policy and Tribal Government (3)	
	CNST 2600	Comparative Constitutionalism (3)	
	CNST 3870	Constitutional History to Plessy 1896 (3)	
	CNST 3880	Constitutional History Since Plessy 1896 (3)	
	CNST 4720	Foundations of American Constitutionalism (3)	
	CNST 4730	Framing of the US Constitution (3)	
	CNST 4790	US Constitution (3)	
	CNST 4795	Civil Rights and Civil Liberties (3)	
	CNST 490R	Issues and Topics in Constitutional Studies (3)	
	CNST 491R	Independent Study (1-4)	
	PJST 4300	Race Gender and Class in Peace and Justice (3)	
	POLS 3480	Race in Politics (3)	
	POLS 4500	International Conflict and Security (3)	
	POLS 4610	International Law (3)	
	ECON 4500	US Economic Development and History (3)	
	Complete any 12 elective credits (at least 4 credits must be upper division, and at least 3 credits must be a POLS Writing Enriched course)		12

Graduation Requirements:

1. Completion of a minimum of 120 or more semester credits, 40 credits must be upper-division.
2. Overall grade point average of 2.0 (C) or above, with no POLS course grade lower than a C-.
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5. Completion of 16 credit hours of coursework from one language to include 1010, 1020, 2010, and 202G/2020 levels or transferred equivalents.
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Political Science - Public Law and Political Philosophy Emphasis, B.A. Careers

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- Political Science Teachers, Postsecondary

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Total Program Credits: 120

General Education Requirements:			35 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGL 1005	Literacies and Composition Across Context CC (5)	
	ENGL 2010	Intermediate Academic Writing CC	3
Complete one of the following:			3
	MAT 1030	Quantitative Reasoning QL (3) (recommended)	
	MAT 1035	Quantitative Reasoning with Integrated Algebra QL (6) (recommended)	
	STAT 1040	Introduction to Statistics QL (3)	
	STAT 1045	Introduction to Statistics with Algebra QL (5)	
	MATH 1050	College Algebra QL (4) (recommended for business, Education, Science, and Health Professions majors)	
	MATH 1055	College Algebra with Preliminaries QL (5)	
Complete one of the following:			3

	HIST 1700	American Civilization AS (3)	
	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	
	HIST 1740	US Economic History AS (3)	
	POLS 1000	American Heritage SS (3)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
	HLTH 1100	Personal Health and Wellness TE (2)	
or	EXSC 1097	Fitness for Life TE	2
Distribution Courses:			
	Biology		3
	Physical Science		3
	Additional Biology or Physical Science		3
	Humanities		3
	Fine Arts		3
	Social/Behavioral Science		3
Discipline Core Requirements:			30 Credits
	POLS 1100	American National Government AS	3
	POLS 2100	Introduction to International Relations SS	3
	POLS 2200	Introduction to Comparative Politics SS	3
	POLS 230G	Introduction to Political Theory GI	3
	POLS 3000	Political Analysis	3
	POLS 4990	Senior Seminar WE (3)	
or	POLS 480R	Internship WE	3
or	PJST 4900	Peace and Justice Studies Capstone WE (3)	
Quantitative Requirement			
	POLS 3010	Political Analysis II	3
Complete 9 credits from the following courses:			9
	POLS 3020	Public Program Analysis (3)	
	POLS 3040	Survey Research and Design Methods (3)	
	POLS 3050	Experimental Methods in Political Science (3)	
	POLS 3060	Qualitative Analysis (3)	
	POLS 3070	Policy Analysis (3)	
Elective Requirements:			25 Credits
	Any courses numbered 1000 or higher (3 credit hours must be upper division (3000-4000 level courses))		25
Emphasis Requirements:			30 Credits
	POLS 3250	Introduction to Law and Politics	3
Complete 15 credits from the followings courses:			15
	AIST 3590	American Indian Law (3)	
	AIST 3600	American Indian Policy and Tribal Government (3)	
	CNST 2600	Comparative Constitutionalism (3)	

	CNST 3870	Constitutional History to Plessy 1896 (3)	
	CNST 3880	Constitutional History Since Plessy 1896 (3)	
	CNST 4720	Foundations of American Constitutionalism (3)	
	CNST 4730	Framing of the US Constitution (3)	
	CNST 4790	US Constitution (3)	
	CNST 4795	Civil Rights and Civil Liberties (3)	
	CNST 490R	Issues and Topics in Constitutional Studies (3)	
	CNST 491R	Independent Study (1-4)	
	PJST 4300	Race Gender and Class in Peace and Justice (3)	
	POLS 3480	Race in Politics (3)	
	POLS 4500	International Conflict and Security (3)	
	POLS 4610	International Law (3)	
	ECON 4500	US Economic Development and History (3)	
Complete any 12 elective credits (at least 4 credits must be upper division, and at least 3 credits must be a POLS Writing Enriched course)			12

Graduation Requirements:

1. Completion of a minimum of 120 or more semester credits, 40 credits must be upper-division.
2. Overall grade point average of 2.0 (C) or above, with no POLS course grade below C-.
3. Residency hours: minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
4. Completion of GE and specified departmental requirements.
5. Successful completion of at least one Global/Intercultural course.

Political Science - Public Law and Political Philosophy Emphasis, B.S.
Careers

1. Demonstrate critical reading, analytical thinking, advanced writing, and oral presentation skills.
2. Demonstrate competency in identifying and comparing various types of political models, political theories, and academic literature.
3. Acquire civic knowledge and understand how it is important for civic engagement.

Related Careers

- Managers, All Other
- Political Scientists
- Political Science Teachers, Postsecondary

Honors

FACULTY

MCPHERSON, Kathryn R. *Professor*

Information Systems and Technology

DEPARTMENT CHAIR

BENTLEY, Jan Associate Professor

FACULTY

ANDERSON, John Professor

BALL, Nicholas L. Associate Professor

BARTHOLOMEW, Tyler Lecturer

BENTLEY, Jan Associate Professor

CRANDALL, Kodey Assistant Professor

HAMDAN, Basil Associate Professor

HICKMAN, George D. Associate Professor

IVIE, Richard Lecturer

KREBS, Cynthia Olsen Professor

LOTIFY, Mohammad Associate Professor

MCDONALD, Daniel Professor

MORREY, C. Paul Associate Professor

NORTH, Matthew A. Professor

ORMOND, Pat R. Professor

SMITH, Doreen Sr. Lecturer

TAYSOM, Charles Lecturer

Degrees & Programs

Administrative Information Management, A.S.

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Requirements

The two-year pre-major AS in Administrative Information Management program provides training for students seeking to complete general education requirements and develop their skills and knowledge in basic computer applications, written business communication, and financial accounting. Graduates of this program obtain temporary employment and pursue a Bachelor's degree for more advanced training in Information Management.

Total Program Credits: 60

General Education Requirements:			36 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGL 1005	Literacies and Composition Across Context CC (5)	
	ENGL 2010	Intermediate Academic Writing CC	3
	MATH 1050	College Algebra QL	4
or	MATH 1055	College Algebra with Preliminaries QL (5)	
Complete one of the following:			3
	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	
	HIST 1700	American Civilization AS (3)	
	HIST 1740	US Economic History AS (3)	

	POLS 1000	American Heritage SS (3)	
	POLS 1100	American National Government AS (3)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
	HLTH 1100	Personal Health and Wellness TE (2)	
or	EXSC 1097	Fitness for Life TE	2
Distribution Courses:			
	ECON 2020	Principles of Economics II SS	3
	Biology		3
	Physical Science		3
	Additional Biology or Physical Science		3
	Humanities Distribution		3
	Fine Arts Distribution		3
Discipline Core Requirements:			21 Credits
	IM 1010	Basic Computer Applications	3
	IM 2300	Information Management Principles	3
	IM 2500	Graphic Applications	3
	IM 2600	Spreadsheet Applications	3
	INFO 2420	Web Application Design	3
	ACC 2010	Financial Accounting	3
	MKTG 220G	Written Business Communication WE	3
Elective Requirements:			3 Credits
	Complete 3 credits from department pre-approved electives; see advisor for more information.		3
	ACC 1150	Fundamentals of Business Math (3)	
	IM 2100	Document Processing Applications (3)	
	INFO 1120	Information Systems and Technology Fundamentals (3)	
	INFO 1200	Computer Programming I for IS IT (3)	
	MGMT 2110	Interpersonal Communication SS (3)	

Graduation Requirements:

1. Completion of a minimum of 60 semester credits.
2. Overall grade point average of 2.0 or above with a minimum 2.5 GPA in all discipline and elective courses with no grade lower than a C-.
3. Residency hours--minimum of 20 credit hours through attendance at UVU.
4. Completion of GE and specified departmental requirements. Students are responsible for completing all prerequisite courses.

Administrative Information Management, A.S.

Careers

1. An ability to explain information and project management concepts in written and verbal forms
2. Recognition of the need for continued interest in maintaining and updating technical skills required by business and industry
3. Ability to analyze problems and use appropriate skills and technology to reach solutions

Related Careers

- Data Entry Keyers

Administrative Information Support, A.A.S.

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Requirements

Every industry relies heavily on competent, qualified, and professional office staff. The two-year AAS in Administrative Information Support program provides training for students seeking to develop their skills and knowledge of office administration and office systems. The program core focuses on word processing, presentations, graphics, spreadsheet, and database applications, as well as written and oral business communication skills, office procedures, and basic accounting skills.

Total Program Credits: 63

General Education Requirements:			18 Credits
English:			
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGH 1005	Literacies and Composition Across Contexts CC (5)	
Mathematics:			
Complete one of the following:			4
	MAT 1010	Intermediate Algebra (4)	
	MATH 1050	College Algebra QL (4)	
	MATH 1055	College Algebra with Preliminaries QL (5)	
Humanities/Fine Arts/ Foreign Language			
	Any approved Humanities/ Fine Arts/Foreign Language Distribution		3
Social and Behavioral Science (<i>ECON 2010 or ECON 2020 recommended for students who plan to pursue BS Information Management</i>)			
	Any approved Social and Behavioral Science Distribution		3
Biology or Physical Science			
	Any approved Biology or Physical Science Distribution		3
Physical Education/Health/Safety or Environment			
	HLTH 1100	Personal Health and Wellness TE	2
or	EXSC 1097	Fitness for Life TE (2)	
Discipline Core Requirements:			36 Credits
	IM 1010	Basic Computer Applications	3
	IM 2100	Document Processing Applications	3

	IM 2300	Information Management Principles	3
	IM 2500	Graphic Applications	3
	IM 2010	Business Computer Proficiency	3
or	IM 2600	Spreadsheet Applications (3)	
	INFO 1200	Computer Programming I for IS IT	3
	INFO 2420	Web Application Design	3
	ACC 2010	Financial Accounting	3
	ACC 2020	Managerial Accounting	3
	FIN 1060	Personal Finance SS	3
	MKTG 220G	Written Business Communication GI WE	3
	COMM 2110	Interpersonal Communication SS	3
Elective Requirements:			9 Credits
Complete 9 credits from the following department pre-approved electives:			9
	IM 2800	Integrated Software Projects (3)	
	IT 1700	Cybersecurity Essentials (3)	
	ACC 1150	Fundamentals of Business Math (3)	
	MGMT 1200	Business English (3)	
	MGMT 2030	Inclusive Leadership SS (3)	

Graduation Requirements:

1. Minimum 63 credits to graduate.
2. Overall grade point average of 2.0 or above with a minimum 2.5 GPA in all discipline core and elective courses with no grade lower than a C-.
3. A minimum keyboarding skill of 40 net words per minute is required for graduation.
4. Residency hours--minimum of 20 credit hours through attendance at UVU.
5. Completion of GE and specified departmental requirements. Students are responsible for completing all prerequisite courses.

Note: Potential 4-year students need to take MATH 1050 College Algebra QL as their MATHEMATICS Distribution.

Administrative Information Support, A.A.S. Careers

Program Learning Outcomes

1. An ability to explain information and project management concepts in written and verbal forms.
2. Recognition of the need for continued interest in maintaining and updating technical skills required by business and industry.
3. A global perspective on legal and ethical issues surrounding information management and technology.
4. An ability to analyze problems and use appropriate skills and technology to reach solutions.

Related Careers

- Data Entry Keyers

Information Systems and Technology, A.A.S.

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Requirements

The two-year AAS in Information Systems and Technology is designed to help students develop job-ready computer skills to meet today's industry needs. Students complete a foundational core in programming, database, web application design, data communication, and networking. After that, students select a specialization in either Information Systems or Information Technology to complete a focused set of courses to obtain more in-depth knowledge and skills for a variety of computer-related jobs. If planned carefully with an advisor, this program provides a smooth, stackable pathway to the B.S. in Information Systems degree or the B.S. in Information Technology degree at UVU.

Total Program Credits: 63

General Education Requirements:			21 Credits
English:			
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGH 1005	Literacies and Composition Across Contexts CC (5)	
Mathematics:			
	MATH 1050	College Algebra QL	4
or	MATH 1055	College Algebra with Preliminaries QL (5)	
or	Any higher Mathematics Course		
HUMANITIES/FINE ARTS/FOREIGN LANGUAGE			
	Any approved Humanities, Fine Arts, or Foreign Language Distribution course. ¹		3
SOCIAL AND BEHAVIORAL SCIENCE ²			3
	PHIL 2050	Ethics and Value IH	3
BIOLOGY OR PHYSICAL SCIENCE			

	Any approved Biology or Physical Science Distribution Course for BS Information Systems degree future students. ³		3
PHYSICAL EDUCATION/HEALTH/SAFETY OR ENVIRONMENT			
	HLTH 1100	Personal Health and Wellness TE	2
or	EXSC 1097	Fitness for Life TE (2)	
Discipline Core Requirements:			21 Credits
Written Communication Requirement:			
	ENGL 2010	Intermediate Academic Writing CC	3
Math Requirement:			3
	STAT 2050	Introduction to Statistical Methods (4)	
or	MGMT 2340	Business Statistics I (3)	
Core Requirements:			
	INFO 1120	Information Systems and Technology Fundamentals	3
	INFO 1200	Computer Programming I for IS IT	3
or	CS 1400	Fundamentals of Programming (3)	
	INFO 2410	Database Fundamentals	3
	IT 2600	Data Communication Fundamentals	3
or	CS 2600	Computer Networks I (3)	
	IT 2700	Information Security Fundamentals	3
Elective Requirements:			21 credits
Choose 21 credits from either the Information Systems group or the Information Technology group. See department advisor to select classes if plan to obtain BS in IT degree in the future.			21
INFORMATION SYSTEMS			
	ACC 2010	Financial Accounting (3)	
	ACC 2020	Managerial Accounting (3)	
	IM 2600	Spreadsheet Applications (3)	
	INFO 2200	Computer Programming II for IS IT (3)	

Information Systems and Technology

	INFO 2420	Web Application Design (3)	
	IT 1200	Scripting for Administrators (3)	
	MKTG 220G	Written Business Communication GI WE (3)	
INFORMATION TECHNOLOGY			
	INFO 2200	Computer Programming II for IS IT (3)	
	INFO 2420	Web Application Design (3)	
	IT 1200	Scripting for Administrators (3)	
	IT 1510	Introduction to System Administration--Linux/UNIX (3)	
	IT 1600	Computer Architecture and Systems Software (3)	
	IT 2400	Voice and Data Cabling Fundamentals (3)	
	IT 2530	Introduction to System Administration--Windows Client (3)	
	IT 2800	Computer Forensic Fundamentals (3)	
	IT 290R	Current Topics in Information Technology (1-3)	
IT students need to take 6 credits of 1000 or 2000 level IT courses, CJ 1330, or CJ 2350. It is recommended that students take 6 credits in the domain as electives if plan to complete BS in IT degree. ⁴			

Graduation Requirements:

1. Completion of a minimum of 63 semester credits.
2. Overall grade point average of 2.0 (C) or above with a minimum 2.5 GPA in all discipline core and elective courses with no grade lower than a "C-."
3. Residency hours: minimum of 20 credit hours through attendance at UVU.
4. Completion of GE and specified departmental requirements. Students are responsible for completing all prerequisite courses.

footnotes:

1. ENGL 2100 Technical Communication HH WE recommended for BS in Information Technology degree future students.

2. CJ 1010 Introduction to Criminal Justice SS recommended for BS Information Technology degree future students with the Computer Forensics and Security emphasis. ECON 2010 Principals of Economics I SS recommended for BS Information Systems degree future students.
3. PHYS 2010 College Physics I PP and PHYS 2015 College Physics I Lab recommended for BS Information Technology degree future students.
4. If plan to obtain BS in Information Technology with Computer Forensics & Security emphasis, take CJ 1330 Criminal Law and CJ 2350 Laws of Evidence as domain classes.

Information Systems and Technology, A.A.S. Careers

1. Analyze a complex computing problem and to apply principles of computing and other relevant disciplines to identify solutions.
2. Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of the program's discipline.
3. Communicate effectively in a variety of professional contexts.
4. Support the delivery, use, and management of information systems within an information systems environment.
5. Apply tools, concepts, and networking techniques to solve business problems.

Related Careers

- Computer and Information Systems Managers
- Computer and Information Research Scientists
- Computer Systems Analysts
- Database Administrators
- Network and Computer Systems Administrators
- Computer Network Architects
- Computer Occupations, All Other
- Computer Science Teachers, Postsecondary

Information Systems and Technology, A.S.

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Requirements

The two-year pre-major AS in Information Systems and Technology program provides training for students seeking to complete general education requirements and develop foundational skills in programming, database, web application design, system administration, computer architecture, data communication, and security. Graduates of this program obtain temporary employment and pursue a Bachelor of Science in Information Systems or Information Technology for more advanced education.

Total Program Credits: 60

General Education Requirements:			36 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGL 1005	Literacies and Composition Across Context CC (5.0)	
	ENGL 2010	Intermediate Academic Writing CC	3
	MATH 1050	College Algebra QL	4
or	MATH 1055	College Algebra with Preliminaries QL (5.0)	
Complete one of the following:			3
	HIST 2700	US History to 1877 AS (3.0)	
and	HIST 2710	US History since 1877 AS (3.0)	

	HIST 1700	American Civilization AS (3.0)	
	HIST 1740	US Economic History AS (3.0)	
	POLS 1000	American Heritage SS (3.0)	
	POLS 1100	American National Government AS (3.0)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
	HLTH 1100	Personal Health and Wellness TE (2.0)	
or	EXSC 1097	Fitness for Life TE	2
Distribution Courses:			
	Social/Behavioral Science Distribution		3
	Biology Distribution		3
	Physical Science Distribution		3
	An Additional Biology or Physical Science Course		3
	Fine Arts Distribution		3
	Humanities Distribution		3
Discipline Core Requirements:			24 Credits
	INFO 1120	Information Systems and Technology Fundamentals	3
	INFO 1200	Computer Programming I for IS IT	3
or	CS 1400	Fundamentals of Programming (3.0)	
	INFO 2410	Database Fundamentals	3
	INFO 2420	Web Application Design	3
	IT 1510	Introduction to System Administration--Linux/UNIX	3
	IT 1600	Computer Architecture and Systems Software	3
	IT 2600	Data Communication Fundamentals	3
or	CS 2600	Computer Networks I (3.0)	
	IT 2700	Information Security Fundamentals	3

Graduation Requirements:

1. Completion of a minimum of 60 semester credits.
2. Overall grade point average of 2.0 or above with a minimum 2.5 GPA in all discipline core and elective courses with no grade lower than a "C-."
3. Residency hours: minimum of 20 credit hours through course attendance at UVU.
4. Completion of GE and specified departmental requirements. Students are responsible for completing all prerequisite courses.

Information Systems and Technology, A.S.

Careers

1. An ability to apply knowledge of computing and mathematics appropriate to Information Systems and Technology.
2. An ability to communicate effectively with a range of audiences, both in written and oral forms.
3. An ability to use current techniques, skills, and tools necessary for Information Systems and Technology.
4. An ability to apply knowledge of computing and mathematics appropriate to Information Systems.
5. An ability to analyze a problem, and identify and define computing requirements appropriate to its solution.
6. An ability to function effectively on teams to accomplish a common goal.

7. An understanding of security issues and responsibilities related to Information Systems and Technology.
8. An ability to communicate effectively with a range of audiences, both in written and oral forms.
9. An ability to use current techniques, skills, and tools necessary for Information Systems and Technology.

Related Careers

- Computer and Information Systems Managers
- Computer and Information Research Scientists
- Computer Systems Analysts
- Database Administrators
- Network and Computer Systems Administrators
- Computer Network Architects
- Computer Occupations, All Other
- Computer Science Teachers, Postsecondary

Administrative Support, Certificate of Completion

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Requirements

The one-year certificate in Administrative Support program provides training in basic computer literacy and applications, such as word processing, presentations, graphics, and spreadsheet applications. In addition, students build skills in interpersonal and written business communication.

Total Program Credits: 30

Discipline Core Requirements:			30 Credits
	IM 1010	Basic Computer Applications	3
	IM 2100	Document Processing Applications	3
	IM 2300	Information Management Principles	3
	IM 2500	Graphic Applications	3
	IM 2600	Spreadsheet Applications	3
	INFO 2420	Web Application Design	3
	ACC 1150	Fundamentals of Business Math (3)	
or	ACC 2010	Financial Accounting	3
	COMM 2110	Interpersonal Communication SS	3
	MKTG 220G	Written Business Communication GI WE	3
	FIN 1060	Personal Finance SS	3

Graduation Requirements:

1. Completion of a minimum of 30 credits.
2. Overall GPA of 2.0 or higher with a minimum grade of "C-."
3. Residency hours -- minimum of 10 credit hours through course attendance at UVU.
4. A minimum keyboarding skill of 40 net words per minute is required for graduation.
5. Students are responsible for completing all prerequisite courses.

Note: Potential Administrative Information Support and BS in Information Management students need to take ACC 2010 Financial Accounting.

Administrative Support, Certificate of Completion Careers

1. An ability to explain information and project management concepts in written and verbal forms.
2. Recognition of the need for continued interest in maintaining and updating technical skills required by business and industry.
3. An ability to analyze problems and use appropriate skills and technology to reach solutions.

Related Careers

- Executive Secretaries and Executive Administrative Assistants
- Secretaries and Administrative Assistants, Except Legal, Medical, and Executive

Administrative Support, Certificate of Proficiency

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Requirements

The certificate of proficiency in Administrative Information Support program provides training for students seeking to develop their skills and knowledge of office administration and office systems. The program core focuses on word processing, presentations, graphics, spreadsheet, and database applications, as well as written and oral business communication skills, office procedures, and basic accounting skills.

Total Program Credits: 19

Discipline Core Requirements:		19 Credits
	ENGL 1010 Introduction to Academic Writing CC	3
	MAT 1010 Intermediate Algebra	4
or	MATH 1050 College Algebra QL	
or	MATH 1055 College Algebra with Preliminaries QL	
	IM 2010 Business Computer Proficiency	3
	INFO 2420 Web Application Design	3
	FIN 1060 Personal Finance SS	3
	HIST 1700 American Civilization AS	3
or	POLS 1000 American Heritage SS	

Graduation Requirements:

1. Completion of a minimum of 19 credits.
2. Overall GPA of 2.75 or above.
3. Residency hours -- minimum of 5 credit hours through course attendance at UVU.

Administrative Support, Certificate of Proficiency Careers

1. Communicate effectively with a range of audiences, both in written and verbal form.
2. Plan, create, and apply business solutions using current information skills and technology.
3. Design, create, and format documents, spreadsheets, and charts as required by business and industry.
4. Create and use HTML tables, templates, imagemaps, hyperlinks, etc.

Related Careers

- Executive Secretaries and Executive Administrative Assistants

- Secretaries and Administrative Assistants, Except Legal, Medical, and Executive

Application Development, Certificate of Proficiency

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Requirements

The Certificate of Proficiency in Application Development allows employees who do not have a degree to obtain a credential to advance their career prospects. The certificate also allows those individuals who earned degrees outside the computing fields to obtain a credential in Application Development to increase their value to their current or future employers.

Total Program Credits: 18

Matriculation Requirements:		
Programming Prerequisite:		
<ul style="list-style-type: none"> • INFO 1200 Computer Programming I IS IT (3.0) or CS 1400 Fundamentals of Programming (3.0) 		
Web Design Recommended Prerequisite:		
<ul style="list-style-type: none"> • INFO 2420 Web Application Design • or DGM 2120 Web Essentials (3.0) • Other INFO or IT Prerequisites (depending on elective) 		
Discipline Core Requirements:		15 Credits
	INFO 2410 Database Fundamentals	3
	INFO 3300 Web Systems Development	3
	INFO 3330 Client-Side Web Development	3
	INFO 3360 Server-Side Web Frameworks	3
	INFO 4420 Mobile Application Development	3
Elective Requirements:		3 Credits
Choose 3 credits from the following courses:		3
	INFO 2200 Computer Programming II for IS IT (3.0)	
	INFO 4300 Enterprise Web Development (3.0)	
	INFO 4425 Web Application Security (3.0)	

Graduation Requirements:

1. Completion of a minimum of 18 semester credits.
2. Minimum grade of C- required in all courses.
3. Overall grade point average of 2.0 (C) or above.
4. Residency hours: minimum of 9 credit hours through course attendance at UVU.

Application Development, Certificate of Proficiency Careers

1. An ability to apply knowledge of computing and mathematics appropriate to Application Development.
2. An ability to analyze a problem, and identify and define computing requirements appropriate to its solution.
3. An ability to design, implement, and evaluate a computer-based system, process, component, or program to meet the needs of an organization and its users.
4. ability to function effectively on teams to accomplish a common goal.

5. An understanding of professional, ethical, legal, security, and social issues and responsibilities related to Information Systems.
6. An ability to communicate effectively with a range of audiences, both in written and oral forms.
7. An ability to analyze the local and global impact of computing on individuals, organizations, and society.
8. An ability to use current techniques, skills, and tools necessary for Application Development.

Related Careers

- Computer Programmers
- Software Developers, Applications
- Software Developers, Systems Software

Data Analytics, Certificate of Proficiency

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Requirements

A Certificate of Proficiency in Data Analytics allows employees who do not have a degree to obtain a credential to advance their career prospects. A certificate also allows those individuals who earned degrees outside the computing fields to obtain a credential in Data Analytics to increase their value to their current or future employers.

Total Program Credits: 18

Matriculation Requirements:		
Prerequisites may be fulfilled through successful completion of courses listed or by successfully passing challenge exams in areas where challenge exams exist. Statistics Prerequisites:		
<ul style="list-style-type: none"> • STAT 2050 Introduction to Statistical Methods (4.0) or • MGMT 2340 Business Statistics I (3.0) or • STAT 1040 Introduction to Statistics QL (3.0) or • STAT 1045 Introduction to Statistics with Algebra QL (3.0) or • STAT 2040 Principles of Statistics QL (3.0) or • BESC 3010 Statistics for the Behavioral Sciences (4.0) • Other CS, DGM, IT, or Marketing Prerequisites (depending on elective) 		
Discipline Core Requirements:		15 Credits
INFO 2410	Database Fundamentals	3
INFO 3130	Introduction to Applied Data Analytics	3
INFO 3410	Database Systems and Warehousing	3
INFO 4120	Data Visualization	3
INFO 4130	Data Science and Big Data Analytics	3
Elective Requirements:		3 Credits
Choose 3 credits from the following courses:		3
CS 4620	Data Mining (3.0)	
DGM 3750	Media Analytics (3.0)	
INFO 4135	Data Security Analytics (3.0)	
INFO 4410	Database Administration (3.0)	
MKTG 3690	Digital Marketing Analytics (3.0)	
MKTG 4610	Sales Operations (3.0)	
STAT 4100	Design of Experiment (3.0)	
STAT 4200	Survey Sampling (3.0)	

Graduation Requirements:

1. Completion of a minimum of 18 semester credits.
2. Minimum grade of C- required in all courses.
3. Overall grade point average of 2.0 (C) or above.
4. Residency hours: minimum of 9 credit hours through course attendance at UVU.

Data Analytics, Certificate of Proficiency Careers

1. Develop technical and analytical skills which will complement professional expertise across a broad array of disciplines.
2. Apply knowledge of computing and mathematics appropriate to Data Analytics.
3. Analyze a problem, and identify and define computing requirements appropriate to its solution.
4. Design, implement, and evaluate a computer-based system, process, component, or program to meet the needs of an organization and its users.
5. Function effectively on teams to accomplish a common goal.
6. Communicate effectively with a range of audiences, both in written and oral forms.
7. Use current techniques, skills, and tools necessary for Data Analytics.

Related Careers

- Chief Executives
- General and Operations Managers
- Operations Research Analysts
- Business Teachers, Postsecondary

Database Administration and Data Warehousing, Certificate of Proficiency

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Requirements

The Certificate of Proficiency in Database Administration and Data Warehousing allows employees who do not have a degree to obtain a credential to advance their career prospects. It also allows those individuals who earned degrees outside the computing fields to obtain a credential in Database Administration and Data Warehousing to increase their value to their current or future employers.

Total Program Credits: 18

Matriculation Requirements:		
Prerequisites may be fulfilled through successful completion of courses listed or by successfully passing challenge exams in areas where challenge exams exist. Statistics Prerequisite (if select INFO 3130 as elective)		
<ul style="list-style-type: none"> • STAT 2050 Introduction to Statistical Methods (4) or • MGMT 2340 Business Statistics I (3) or • STAT 1040 Introduction to Statistics QL (3) or • STAT 1045 Introduction to Statistics with Algebra QL (5) or • STAT 2040 Principles of Statistics QL (4) or • PSY 3110 Statistics for the Behavioral Sciences (4) • Database Prerequisite (if select CS 3720 Database Programming as elective): • CS 3520 Database Theory (3) or 		
Discipline Core Requirements:		12 Credits
INFO 2410	Database Fundamentals	3
INFO 3410	Database Systems and Warehousing	3
INFO 4410	Database Administration	3

	INFO 4415	Database Security and Auditing	3
Elective Requirements:			6 Credits
Choose 6 credits from the following courses:			6
	INFO 3130	Introduction to Applied Data Analytics (3)	
	INFO 4120	Data Visualization (3)	
	CS 3720	Database Programming (3)	

Graduation Requirements:

1. Completion of a minimum of 18 semester credits.
2. Minimum grade of C- required in all courses.
3. Overall grade point average of 2.0 (C) or above.
4. Residency hours: minimum of 9 credit hours through course attendance at UVU.

Database Administration and Data Warehousing, Certificate of Proficiency Careers

1. An ability to apply knowledge of computing and mathematics appropriate to Database Administration and Data Warehousing.
2. An ability to analyze a problem, and identify and define computing requirements appropriate to its solution.
3. An ability to design, implement, and evaluate a computer-based system, process, component, or program to meet the needs of an organization and its users.
4. An ability to function effectively on teams to accomplish a common goal.
5. An understanding of professional, ethical, legal, security, and social issues and responsibilities related to Information Systems.
6. An ability to communicate effectively with a range of audiences, both in written and oral forms.
7. An ability to analyze the local and global impact of computing on individuals, organizations, and society.
8. Recognition of the need for, and an ability to engage in, continuing professional developments.
9. An ability to use current techniques, skills, and tools necessary for Information Systems.
10. An understanding of processes that support the delivery and management of Information Systems within a specific application environment.
11. An ability to assist in the creation and management of an effective project plan.

Related Careers

- Database Administrators

Digital Information Management CA, Certificate of Proficiency

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Requirements

The Digital Information Management CA is designed to prepare students to use public relations and communication skills in a business office and to oversee front office operations. Courses include instruction in digital literacy basics, word processing, spreadsheets, and information records management.

Total Program Credits: 12

Discipline Core Requirements:			12 Credits
	IM 1010	Basic Computer Applications	3
	IM 2010	Business Computer Proficiency	3
or	IM 2600	Spreadsheet Applications (3)	
	IM 2100	Document Processing Applications	3
	IM 2300	Information Management Principles	3

Graduation Requirements:

1. Completion of a minimum of 12 credits.
2. Overall grade point average of 2.0 or higher with a minimum grade of C- or above.
3. All courses must be completed at UVU.

Digital Information Management CA, Certificate of Proficiency Careers

1. Use information technology to find information, to evaluate problems, and create solutions requiring cognitive and technical skills.
2. Use communication technologies to create, evaluate, and communicate information.
3. Organize and manage information including creation, receipt, maintenance use and disposition, and maintaining evidence of business activities and transactions in the form of records.

Related Careers

- Executive Secretaries and Executive Administrative Assistants
- Secretaries and Administrative Assistants, Except Legal, Medical, and Executive

Foundations of Application Development CA, Certificate of Proficiency

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Requirements

The CP in Foundations of Application Development CA is designed to prepare students for an entry-level job in application development. Courses include programming, database, and web application design.

Total Program Credits: 12

Discipline Core Requirements:			12 Credits
	INFO 1200	Computer Programming I for IS IT	3
	INFO 2200	Computer Programming II for IS IT	3
	INFO 2410	Database Fundamentals	3
	INFO 2420	Web Application Design	3

Graduation Requirements:

1. Overall GPA of 2.0 or higher with a minimum grade of "C-".
2. All courses must be completed at UVU.

Foundations of Application Development CA, Certificate of Proficiency Careers

1. Use theoretical, technical, and organizational knowledge to analyze, design, develop, and implement secure Information Systems computing solutions.

2. Use problem solving skills and identify lessons learned.
3. Facilitate communications between technical and business-oriented groups.

Related Careers

- Computer and Information Systems Managers
- Computer and Information Research Scientists
- Computer Systems Analysts
- Database Administrators
- Network and Computer Systems Administrators
- Computer Network Architects
- Computer Occupations, All Other
- Computer Science Teachers, Postsecondary

Information Systems and Technology, Certificate of Proficiency

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Requirements

The Certificate of Proficiency in Information Systems and Technology is available to all UVU Students with a particular focus designed to provide high school students an opportunity to obtain a stackable certificate of proficiency with an emphasis in career and technical education while still enrolled in high school. This certificate will be available from the University for college students/adults looking for basic entry-level skills leading to further academic advancement. Students complete a foundational core in programming, database, web application design, data communication, and networking.

Total Program Credits: 16

Discipline Core Requirements:		10 Credits
	ENGL 1010 Introduction to Academic Writing CC	3
or	ENGL 1005 Literacies and Composition Across Contexts CC (5)	
	MATH 1050 College Algebra QL	4
or	MATH 1055 College Algebra with Preliminaries QL (5)	
	INFO 1120 Information Systems and Technology Fundamentals	3
Domain Requirements:		6 Credits
Complete 6 credits from one domain:		6
Information Systems Domain		
	INFO 1200 Computer Programming I for IS IT (3)	
or	CS 1400 Fundamentals of Programming (3)	
	INFO 2420 Web Application Design (3)	
Information Technology Domain		
	IT 1510 Introduction to System Administration--Linux/UNIX (3)	
	IT 1600 Computer Architecture and Systems Software (3)	

Graduation Requirements:

1. Completion of a minimum of 16 semester credits.
2. Minimum grade of C required in all courses.
3. Overall grade point average of 2.5 (C) or above.
4. Residency hours: minimum of 5 credit hours through course attendance at UVU

Information Systems and Technology, Certificate of Proficiency Careers

1. Practice core competencies in computing to analyze, design, develop, and implement secure computing solutions.
2. Advance professionally with increased workplace contributions.
3. Adapt to change through continued professional development.
4. Serve in professional organizations and local communities.

Related Careers

- Computer and Information Systems Managers
- Computer and Information Research Scientists
- Computer Systems Analysts
- Database Administrators
- Network and Computer Systems Administrators
- Computer Network Architects
- Computer Occupations, All Other
- Computer Science Teachers, Postsecondary

Information Technology, Certificate of Proficiency

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Requirements

The Certificate of Proficiency in Information Technology provides students with training in basic computer applications and introductory coursework in the field of Information Technology. The program is designed to get people employed in entry-level IT positions. Students can select from a variety of introductory IT courses to build knowledge and skill in computer programming, database fundamentals, Linux and Windows system administration, computer architecture, cabling, networking, and security.

Total Program Credits: 18

Discipline Core Requirements:		12 Credits
	ENGL 1010 Introduction to Academic Writing CC	3
or	ENGL 1005 Literacies and Composition Across Context CC (5)	
	INFO 1120 Information Systems and Technology Fundamentals	3
	IT 1510 Introduction to System Administration--Linux/UNIX	3
	IT 1600 Computer Architecture and Systems Software	3
Elective Requirements:		6 Credits
Complete 6 credits from the following:		6
	INFO 1200 Computer Programming I for IS IT (3)	
or	CS 1400 Fundamentals of Programming (3)	
	INFO 2410 Database Fundamentals (3)	
	IT 2400 Voice and Data Cabling Fundamentals (3)	
	IT 2530 Introduction to System Administration--Windows Client (3)	
	IT 2600 Data Communication Fundamentals (3)	

Information Systems and Technology

or	CS 2600	Computer Networks I (3)	
	IT 2700	Information Security Fundamentals (3)	
	IT 2800	Computer Forensic Fundamentals (3)	
	IT 290R	Current Topics in Information Technology (1)	

Graduation Requirements:

1. Completion of a minimum of 18 semester credits.
2. Minimum grade of C- required in all courses.
3. Overall grade point average of 2.0 (C) or above.
4. Residency hours: minimum of 5 credit hours through course attendance at UVU.

Information Technology, Certificate of Proficiency Careers

1. An ability to apply knowledge of computing and mathematics appropriate to Information Technology.
2. An ability to communicate effectively with a range of audiences, both in written and oral forms.
3. An ability to use current techniques, skills, and tools necessary for Information Technology.

Related Careers

- Computer Systems Analysts
- Information Security Analysts
- Computer Network Architects
- Computer Network Support Specialists

Network Administration, Certificate of Completion

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Requirements

The Certificate of Completion in Network Administration provides students with training in server administration, computer architecture, and networking. Students select from a variety of courses in cabling, Windows system administration, router management, information security, computer forensics, and Linux system administration.

Total Program Credits: 31

Discipline Core Requirements:		25 Credits
Complete the following:		
	INFO 1120	Information Systems and Technology Fundamentals 3
	INFO 1200	Computer Programming I for IS IT 3
or	CS 1400	Fundamentals of Programming (3)
	IT 1510	Introduction to System Administration--Linux/UNIX 3
	IT 1600	Computer Architecture and Systems Software 3
	INFO 2410	Database Fundamentals 3
	IT 2600	Data Communication Fundamentals 3
or	CS 2600	Computer Networks I (3)
Communication Requirement:		
	ENGL 1010	Introduction to Academic Writing CC 3

or	ENGL 1005	Literacies and Composition Across Contexts CC (3)	
Computation Requirement:			
	MAT 1010	Intermediate Algebra 4	
	MATH 1050	College Algebra QL (4)	
	MATH 1055	College Algebra with Preliminaries QL (5)	
Elective Requirements:			6 Credits
Complete 6 credits from the following courses:			6
	IT 2400	Voice and Data Cabling Fundamentals (3)	
	IT 2530	Introduction to System Administration--Windows Client (3)	
	IT 2700	Information Security Fundamentals (3)	
	IT 2800	Computer Forensic Fundamentals (3)	
	IT 3510	Advanced System Administration--Linux/UNIX (3)	
	IT 3530	Advanced System Administration--Windows Server (3)	

Graduation Requirements:

1. Completion of a minimum of 31 semester credits.
2. Minimum grade of C- required in all courses.
3. Overall grade point average of 2.0 (C) or above.
4. Residency hours -- minimum of 10 credit hours through course attendance at UVU.

Network Administration, Certificate of Completion Careers

1. An ability to apply knowledge of computing and mathematics appropriate to Network Administration.
2. An ability to communicate effectively with a range of audiences, both in written and oral forms.
3. An ability to use current techniques, skills, and tools necessary for Network Administration.

Related Careers

- Computer Systems Analysts
- Information Security Analysts
- Computer Network Architects
- Computer Network Support Specialists

Applied Data Analytics, Minor

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Requirements

The Minor in Applied Data Analytics allows students to choose among Information Systems, Statistics, and Marketing courses to learn about data management and analysis.

Total Program Credits: 18

Discipline Core Requirements:		6 Credits
	INFO 2410	Database Fundamentals 3
	INFO 3130	Introduction to Applied Data Analytics 3
Elective Requirements:		12 Credits

Choose 12 hours from the following:		12
INFO 3410	Database Systems and Warehousing (3)	
INFO 4120	Data Visualization (3)	
INFO 4130	Data Science and Big Data Analytics (3)	
MKTG 3680	Marketing with Social Media (3)	
MKTG 3690	Digital Marketing Analytics (3)	
MKTG 4610	Sales Operations (3)	
STAT 4100	Design of Experiment (3)	
STAT 4200	Survey Sampling (3)	
STAT 4400	Multivariate Analysis WE (3)	
STAT 4500	Nonparametric Statistics (3)	
BIOL 3100	Introduction to Data Analysis for Biologists (3)	
Other advisor-approved elective.		

Graduation Requirements:

1. Completion of a minimum of 18 semester credits.
2. Minimum grade of C- required in all courses.
3. Overall grade point average of 2.0 (C) or above.
4. Residency hours: minimum of 9 credit hours through course attendance at UVU.

Applied Data Analytics, Minor Careers

1. An ability to apply knowledge of computing and mathematics appropriate to Data Analytics.
2. An ability to analyze a problem, and identify and define computing requirements appropriate to its solution.
3. An ability to design, implement, and evaluate a computer-based system, process, component, or program to meet the needs of an organization and its users.
4. An ability to function effectively on teams to accomplish a common goal.
5. An ability to communicate effectively with a range of audiences, both in written and oral forms.
6. An ability to use current techniques, skills, and tools necessary for Data Analytics.

Related Careers

- Chief Executives
- General and Operations Managers
- Operations Research Analysts
- Business Teachers, Postsecondary

Business Information Technology, Minor

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Requirements

The Minor in Business Information Technology gives students with a business or liberal arts major, the option of strengthening their general studies with technical coursework.

Total Program Credits: 21

Matriculation Requirements:		
1. Admitted to a bachelor degree program at UVU.		
Discipline Core Requirements:		21 Credits
IM 1010	Basic Computer Applications	3
IM 2100	Document Processing Applications	3
IM 2500	Graphic Applications	3
or IM 3500	Desktop Publishing Applications (3.0)	
IM 2600	Spreadsheet Applications	3
IM 2800	Integrated Software Projects	3
IM 3700	Database Applications	3
INFO 2420	Web Application Design	3

Graduation Requirements:

1. Overall grade point average of 2.5 GPA in all discipline core and elective courses with no grade lower than a C-.
2. Completion of GE and specified departmental requirements. Students are responsible for completing all prerequisite courses.

Business Information Technology, Minor Careers

1. An ability to explain information and project management concepts in written and verbal forms.
2. An ability to communicate effectively with a range of audiences, both in written and oral forms.
3. Recognition of the need for continued interest in maintaining and updating technical skills required by business and industry.
4. A global perspective on legal and ethical issues surrounding information management and technology.
5. An ability to analyze problems and use appropriate skills and technology to reach solutions.

Related Careers

- Audio-Visual and Multimedia Collections Specialists

Information Systems and Technology, Minor

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Requirements

The Minor in Information Systems gives students with a business or liberal arts major, the option of strengthening their general studies with technical coursework.

Total Program Credits: 21

Discipline Core Requirements:		12 Credits
Prerequisite:		
INFO 1120	Information Systems and Technology Fundamentals (3)	
Complete the following:		
INFO 1200	Computer Programming I for IS IT	3
or CS 1400	Fundamentals of Programming (3)	
INFO 2410	Database Fundamentals (3)	3
or INFO 3410	Database Systems and Warehousing	
IT 1600	Computer Architecture and Systems Software	3

Information Systems and Technology

or	CS 2810	Computer Organization and Architecture (3)	
	IT 2600	Data Communication Fundamentals	3
or	IT 3600	Internetworking and Router Management (3)	
Elective Requirements:			9 Credits
Complete 9.0 credits from the following, 6 credits of which must be upper division:			9
	INFO 2200	Computer Programming II for IS IT (3)	
	INFO 2420	Web Application Design (3)	
	INFO 3120	Management Information Systems (3)	
	INFO 3410	Database Systems and Warehousing (3)	
	INFO 3300	Web Systems Development (3)	
	INFO 3430	Systems Analysis and Design WE (3)	
	INFO 3700	Health Informatics Fundamentals (3)	
	INFO 4120	Data Visualization (3)	
	IT 1510	Introduction to System Administration--Linux/UNIX (3)	
	IT 2530	Introduction to System Administration--Windows Client (3)	
	IT 2700	Information Security Fundamentals (3)	
	IT 2800	Computer Forensic Fundamentals (3)	
	IT 3510	Advanced System Administration--Linux/UNIX (3)	
	IT 3530	Advanced System Administration--Windows Server (3)	
	IT 3600	Internetworking and Router Management (3)	
	IT 3700	Ethical Hacking and Countermeasures (3)	

Graduation Requirements:

1. To fill the requirements for an information systems and technology minor, students must have no course grade lower than C- in any of the INFO or IT courses required for the minor.
2. Courses may not be double-counted between the core and elective sections.

Information Systems and Technology, Minor Careers

1. An ability to apply knowledge of computing and mathematics appropriate to Information Systems and Technology.
2. An ability to communicate effectively with a range of audiences, both in written and oral forms.
3. An ability to use current techniques, skills, and tools necessary for Information Systems and Technology.

Related Careers

- Computer and Information Systems Managers
- Computer and Information Research Scientists
- Computer Systems Analysts
- Database Administrators
- Network and Computer Systems Administrators
- Computer Network Architects
- Computer Occupations, All Other
- Computer Science Teachers, Postsecondary

Business/Marketing Education, B.S.

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Requirements

Students interested in teaching can pursue a Bachelor of Science in Business/Marketing Education and a secondary teaching license through a joint program offered by the Information Systems and Technology Department and the School of Education. The Business/Marketing Education curriculum prepares students to teach business, marketing, and information technology in secondary schools.

Total Program Credits: 122

Matriculation Requirements:			
<ol style="list-style-type: none"> 1. ENGL and MATH QL courses must have a grade C or higher. 2. GPA of 3.0 or higher with no grade lower than a C in content area courses. 3. Completion of all General Education requirements and 70% of content area courses. 4. Pass LiveScan Criminal Background Check. 			
General Education Requirements:			36 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGH 1005	Literacies and Composition Across Contexts CC (5)	
	ENGL 2010	Intermediate Academic Writing CC	3
	MATH 1050	College Algebra QL	4
or	MATH 1055	College Algebra with Preliminaries QL (5)	
Complete one of the following:			3
	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	
	HIST 1700	American Civilization AS (3)	
	HIST 1740	US Economic History AS (3)	
	POLS 1000	American Heritage SS (3)	
	POLS 1100	American National Government AS (3)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3

	HLTH 1100	Personal Health and Wellness TE (2)	
or	EXSC 1097	Fitness for Life TE	2
Distribution Courses			
	ECON 2010	Principles of Economics I SS	3
	Biology		3
	Physical Science		3
	Additional Biology or Physical Science		3
	Humanities Distribution		3
	Fine Arts		3
Discipline Core Requirements:			83 Credits
Must be completed with a grade of B- or higher.			
	BMED 4200	Methods of Teaching Business/ Marketing/ Digital Technology	3
	IM 1010	Basic Computer Applications	3
	IM 2100	Document Processing Applications	3
	IM 2500	Graphic Applications	3
	IM 2600	Spreadsheet Applications	3
	IM 3700	Database Applications	3
	INFO 1120	Information Systems and Technology Fundamentals	3
Complete one of the following:			3
	INFO 1000	E-Commerce Techniques for Small Business (3)	
	MKTG 3660	Digital Marketing (3)	
	MKTG 3680	Marketing with Social Media (3)	
Complete the following:			
	INFO 1200	Computer Programming I for IS IT	3
	INFO 2200	Computer Programming II for IS IT	3
	INFO 2420	Web Application Design	3

	ACC 2010	Financial Accounting	3
	FIN 1060	Personal Finance SS	3
	LEGL 3000	Business Law	3
	MGMT 3000	Organizational Behavior WE	3
	MKTG 220G	Written Business Communication GI WE	3
	MKTG 3600	Principles of Marketing	3
	EDSC 1010	Introduction to Education	2
	EDSC 3000	Educational Psychology	3
	EDSC 325G	Equitable Technology Integration GI	2
	EDSP 340G	Exceptional Students GI	2
	EDSC 4200	Classroom Management I (Dance Education Majors take DANC 4430 in place of EDSC 4200)	2
	EDSC 4250	Classroom Management II	2
	EDSC 4440	Content Area Literacies (English Education Majors take ENGL 4210, 4420, and 4230 in place of EDSC 4440.)	3
	EDSC 445G	Multicultural Instruction ESL GI	3
	EDSC 455G	Secondary Curriculum Instruction and Assessment GI	3
	EDSC 4850	Student Teaching Secondary	8
	EDSC 4990	Teacher Performance Assessment Project WE	2
Elective Requirements:			3 Credits
Complete at least 3 credits from approved list of electives. See Department Advisor.			3
	BMED 4300	Methods of Teaching Computer Science (3)	

	IM 2300	Information Management Principles (3)	
	IM 3600	Advanced Excel for Decision Making (3)	
	INFO 2410	Database Fundamentals(3)	
	DGM 1110	Digital Media Essentials I (4)	
	DAGV 1200	3D Modeling Essentials (3)	
	IT 1510	Introduction to System Administration--Linux/UNIX (3)	
	IT 1600	Computer Architecture and Systems Software (3)	
	IT 1700	Cybersecurity Essentials (3)	
	IT 2600	Data Communication Fundamentals (3)	

Graduation Requirements:

1. Completion of 122 semester credit hours with at least 40 credit hours in upper-division courses.
2. Overall Grade of 3.0 (B) or above with no grade lower than a C in major required content courses and no grade lower than a B- in Licensure and Methods courses.
3. Residency hours: Minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
4. Completion of GE and specified departmental requirements. Students are responsible for completing all prerequisite courses.
5. Successful completion of at least one Global/Intercultural course.
6. Successful completion of at least two Writing Enriched (WE) courses.

Business/Marketing Education, B.S. Careers

1. Create, analyze, revise, and implement curricula to prepare students to teach business and marketing education at the secondary level.
2. Facilitate the learning of dynamic subject matter in a diverse learning environment.
3. Maintain a solid foundation in general education content, business and marketing content, and professional education content.

Related Careers

- Business Teachers, Postsecondary
- Education Teachers, Postsecondary
- Vocational Education Teachers, Postsecondary
- Career/Technical Education Teachers, Middle School
- Career/Technical Education Teachers, Secondary School

Cybersecurity, Graduate Certificate

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Requirements

The Graduate Certificate in Cybersecurity at Utah Valley University is a post-baccalaureate program for students who wish to complete advanced studies in the field of cybersecurity. This program is designed to provide students with advanced technical and managerial knowledge of cybersecurity, preparing them for senior technical and leadership roles in the field. Coursework includes a balanced approach, combining critical analysis of cybersecurity theory with hands-on education for essential applied cybersecurity techniques and tools. The program takes two semesters to complete the 18 credits of graduate level courses. Courses include cybersecurity operations, advanced network defense, cybersecurity management, case studies, secure coding, ethical hacking, and the legal and privacy implications of cybersecurity.

To be successful, students should have a strong background in technology. Students should have completed undergraduate work in a related field or have applicable work experience. For those who do not meet this requirement, select undergraduate courses are available to provide the foundational knowledge needed. Please contact the academic advisor for more information.

Total Program Credits: 18

Matriculation Requirements:			
<ol style="list-style-type: none"> 1. Application for admission to the program. 2. Bachelor's degree required, preferably in Information Systems, Information Security, Information Technology, or Computer Science. 3. 2 years of IT or IT security industry experience (if Bachelor's degree in non-related field). 4. Completion of undergraduate courses in data communication, programming, and servers. 			
Discipline Core Requirements:			12 Credits
	IT 6300	Principles of Cybersecurity	3
	IT 6330	Cybersecurity Operations	3
	IT 6350	Law/Ethics/Privacy in Cybersecurity	3
	IT 6370	Penetration Testing and Vulnerability Assessment	3
Elective Requirements:			6 Credits
Choose 6 credits from the following:			6
	IT 6660	Advanced Network Forensics (3.0)	
	IT 6740	Advanced Network Defense and Countermeasures (3.0)	

	IT 6760	Case Studies in Cybersecurity (3.0)	
	IT 6770	Cybersecurity Management (3.0)	
	IT 6780	Secure Coding (3.0)	
	or other departmental approved electives		

Graduation Requirements:

1. Completion of a minimum of 18 credits.
2. Overall grade point average of 3.0 (B) or above.
3. Residency hours -- minimum of 5 credit hours through course attendance at UVU.
4. Courses and project requirements must be finished within a five-year period. No courses will apply toward graduation which are older than five years.

Cybersecurity, Graduate Certificate Careers

1. Clearly explain complex technical cyber security concepts in written and verbal forms.
2. Describe and explain how to mitigate cyber security threats to enterprise, government, and individuals.
3. Explain the role of cyber security in the enterprise and how to integrate cyber security principles into existing processes.
4. Be aware of their responsibility to behave ethically in their professional lives (e.g., clients, customers, employers, society, profession, environment, and community).
5. Have a global perspective on legal and ethical issues surrounding cyber security and technology.

Related Careers

- Computer and Information Systems Managers
- Information Security Analysts
- Database Administrators
- Network and Computer Systems Administrators
- Computer Network Architects
- Computer Network Support Specialists

Information Management, B.S.

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Requirements

The Bachelor of Science in Information Management is designed to prepare students to supervise and manage the operations and personnel of business offices. Courses include instruction in employee supervision, budgeting, scheduling and coordination, office systems operation and maintenance, office records management, public relations, project management, accounting, decision making, and human resources.

Total Program Credits: 120

General Education Requirements:			36 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGL 1005	Literacies and Composition Across Context CC (5)	
	ENGL 2010	Intermediate Academic Writing CC	3
	MATH 1050	College Algebra QL (4)	4

or	MATH 1055	College Algebra with Preliminaries QL (5)	
Complete one of the following:			3
	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	
	HIST 1700	American Civilization AS (3)	
	HIST 1740	US Economic History AS (3)	
	POLS 1000	American Heritage SS (3)	
	POLS 1100	American National Government AS (3)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
	HLTH 1100	Personal Health and Wellness TE	2
or	EXSC 1097	Fitness for Life TE (2)	
Distribution Courses:			
	ECON 2010	Principles of Economics I SS (fulfills Social/Behavioral Science)	3
	Biology		3
	Physical Science		3
	Additional Biology or Physical Science		3
	Humanities Distribution		3
	Fine Arts Distribution		3
Discipline Core Requirements:			69 Credits
	IM 1010	Basic Computer Applications	3
	IM 2100	Document Processing Applications	3
	IM 2300	Information Management Principles	3
	IM 2500	Graphic Applications	3
	IM 2600	Spreadsheet Applications	3
	IM 3700	Database Applications	3
	IM 481R	Internship	3
	INFO 1120	Information Systems and Technology Fundamentals	3
	INFO 1200	Computer Programming I for IS IT	3
	INFO 2200	Computer Programming II for IS IT	3
	INFO 2410	Database Fundamentals	3
	INFO 2420	Web Application Design	3
	INFO 3430	Systems Analysis and Design WE	3
	INFO 405G	Global Ethical and Professional Perspectives in IS and IT GI WE	3
	ACC 2110	Principles of Accounting I	3
	FIN 1060	Personal Finance SS	3
	HR 3430	Introduction to Human Resource Management	3
	MGMT 3000	Organizational Behavior WE	3
	MKTG 3600	Principles of Marketing	3
	MKTG 220G	Written Business Communication GI WE	3
	TECH 3400	Project Management WE	3
	TECH 4400	Advanced Project Management	3
Elective Requirements:			15 Credits

Information Systems and Technology

Complete at least 9 upper-division credits from a selected domain:		9
Business Intelligence Domain		
INFO 3120	Management Information Systems (3)	
INFO 3130	Introduction to Applied Data Analytics (3)	
INFO 3300	Web Systems Development (3)	
INFO 3330	Client-Side Web Development (3)	
INFO 4120	Data Visualization (3)	
INFO 4130	Data Science and Big Data Analytics (3)	
Digital Marketing		
INFO 1000	E-Commerce Techniques for Small Business(3)	
IT 3350	Intellectual Property and Cyber Law (3)	
MKTG 3660	Digital Marketing (3)	
MKTG 3680	Marketing with Social Media (3)	
MKTG 3685	Content Marketing (3)	
Mobile Development Domain:		
INFO 3130	Introduction to Applied Data Analytics (3)	
INFO 3300	Web Systems Development (3)	
INFO 3330	Client-Side Web Development (3)	
INFO 4420	Mobile Application Development (3)	
DGM 1110	Digital Media Essentials I (4)	
DWDD 2410	Interaction Design	
DWDD 1430	Principles of Digital Design	
Programming:		
IT 1200	Scripting for Administrators (3)	
IT 1510	Introduction to System Administration-Linux/UNIX (3)	
IT 1600	Computer Architecture and Systems Software (3)	
IT 2600	Data Communication Fundamentals (3)	
Web Systems Development Domain		
INFO 3300	Web Systems Development (3)	
INFO 3330	Client-Side Web Development (3)	
INFO 3360	Server-Side Web Frameworks(3)	
INFO 4425	Web Application Security (3)	
INFO 4300	Enterprise Web Development (3)	
Complete at least 9 credits from the following electives or from courses in above domains.		9
IM 2800	Integrated Software Projects (3)	
IM 3600	Advanced Excel for Decision Making (3)	
IM 490R	Advanced Topics in Information Management (1-3)	
IM 496R	Information Management Seminar (1-3)	

INFO 3410	Database Systems and Warehousing (3)	
IT 1700	Cybersecurity Essentials (3)	
ACC 1150	Fundamentals of Business Math (3)	
COMM 2110	Interpersonal Communication SS (3)	
HM 3210	Event Venue and Convention Management (3)	
MGMT 2030	Inclusive Leadership SS (3)	
TECH 3010	Creativity Innovation and Change Management (3)	
TECH 4400	Advanced Project Management (3)	
Other department approved classes		

Graduation Requirements:

1. Completion of the 120 semester credit hours required in the degree with at least 40 credit hours in upper-division courses.
2. Overall grade point average 2.75 or above with no grade lower than a "C-" in core, domain, and elective courses.
3. Residency hours: Minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
4. Completion of GE and specified departmental requirements. Students are responsible for completing all prerequisite courses.
5. Successful completion of at least one Global/Intercultural course.
6. Successful completion of at least two Writing Enriched (WE) courses.

NOTE: The UVU catalog contains the descriptions and prerequisites for all courses. Not all courses are offered every semester.

Information Management, B.S. Careers

1. Clearly explain information and concepts in written, electronic, and verbal forms.
2. Explain and apply business and information management principles when solving problems.
3. Demonstrate a continued interest in maintaining and updating technical skills required by business and industry.
4. Have a global perspective on legal and ethical issues surrounding information management and technology.

Related Careers

- First-Line Supervisors of Office and Administrative Support Workers

Information Systems - Application Development Emphasis, B.S.

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Requirements

The BS in Information Systems program prepares students to be Information Systems professionals. Graduates develop and deploy enterprise-level systems to meet organizational needs.

Total Program Credits: 123

General Education Requirements:		36 Credits
ENGL 1010	Introduction to Academic Writing CC	3

or	ENGL 1005	Literacies and Composition Across Contexts CC (5)	
	ENGL 2010	Intermediate Academic Writing CC	3
	MATH 1050	College Algebra QL (4)	4
or	MATH 1055	College Algebra with Preliminaries QL (5)	
American Institutions: Complete one of the following:			3
	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	
	HIST 1700	American Civilization AS (3)	
	HIST 1740	US Economic History AS (3)	
	POLS 1000	American Heritage SS (3)	
	POLS 1100	American National Government AS (3)	
Complete the following:			
	PHIL 2050	Ethics and Values IH (3)	3
	HLTH 1100	Personal Health and Wellness TE (2)	2
or	EXSC 1097	Fitness for Life TE (2)	
Distribution Courses:			
	Biology Distribution		3
	Physical Science Distribution		3
	An Additional Biology or Physical Science Distribution Course		3
	Fine Arts Distribution		3
	Humanities Distribution		3
	Social/Behavioral Science Distribution ¹		3
Discipline Core Requirements:			63 Credits
Math Requirement:			3
	MGMT 2340	Business Statistics I (3)	
IS Core Requirements:			
	INFO 1120	Information Systems and Technology Fundamentals	3
	INFO 1200	Computer Programming I for IS IT	3
or	CS 1400	Fundamentals of Programming (3)	
	INFO 2200	Computer Programming II for IS IT	3
	INFO 2410	Database Fundamentals	3
	INFO 2420	Web Application Design	3
	IM 2600	Spreadsheet Applications	3
	IT 1510	Introduction to System Administration--Linux/UNIX	3
	IT 2600	Data Communication Fundamentals	3
	IT 2700	Information Security Fundamentals	3
	INFO 3130	Introduction to Applied Data Analytics	3
	INFO 3300	Web Systems Development	3
	INFO 3410	Database Systems and Warehousing	3
	INFO 3430	Systems Analysis and Design WE	3
	INFO 405G	Global Ethical and Professional Perspectives in IS and IT GI WE	3
	INFO 4430	Systems Design and Implementation	3

IS Environment/Business Foundation Requirements:			
ACC 2010	Financial Accounting		3
ACC 2020	Managerial Accounting		3
MKTG 220G	Written Business Communication GI WE		3
MGMT 3000	Organizational Behavior WE		3
MKTG 3600	Principles of Marketing		3
Emphasis Requirements:			15 Credits
INFO 3330	Client-Side Web Development		3
INFO 3360	Server-Side Web Frameworks		3
INFO 4420	Mobile Application Development		3
INFO 4425	Web Application Security		3
INFO 4300	Enterprise Web Development		3
Emphasis Elective Requirements:			9 Credits
Complete 9 credit hours from the following:			9
INFO 4120	Data Visualization (3)		
INFO 481R	Internship (3)		
CS 2550	Web Programming I (3)		
CS 3270	Python Software Development (3)		
CS 3410	Human Factors in Software Development (3)		
CS 3660	Web Programming II (3)		
Other approved upper-division Information Systems courses			
Notes:			
1. ECON 2010 Principles of Economics I recommended.			

Graduation Requirements:

1. Completion of at least 123 semester credits required in the BS degree; at least 40 credit hours must be upper-division courses.
2. Overall grade point average 2.0 or above with a minimum of 2.5 GPA in all discipline core, specialty core, and elective courses with no grade lower than a "C-."
3. Residency hours: Minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
4. Completion of GE and specified departmental requirements. Students are responsible for completing all prerequisite courses.
5. Successful completion of at least one Global/Intercultural course.

Information Systems - Application Development Emphasis, B.S.

Careers

1. Analyze a complex computing problem and to apply principles of computing and other relevant disciplines to identify solutions.
2. Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of the program's discipline.
3. Communicate effectively in a variety of professional contexts.
4. Recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles.
5. Function effectively as a member or leader of a team engaged in activities appropriate to the program's discipline.

6. Support the delivery, use, and management of information systems within an information systems environment.

Related Careers

- Computer Programmers
- Software Developers, Applications
- Software Developers, Systems Software

Information Systems - Business Intelligence Systems Emphasis, B.S.

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Requirements

The BS in Information Systems program prepares students to be Information Systems professionals. Graduates develop and deploy enterprise-level systems to meet organizational needs. The Business Intelligence Systems (BIS) emphasis prepares graduates to become business intelligence analysts who produce financial and marketing intelligence by querying data repositories, generating reports, and devising methods for identifying data patterns and trends. Organizations store an enormous amount of data. People who are able to perform data mining and can analyze the data to detect trends and form predictions are highly sought by national and regional organizations.

Total Program Credits: 123

General Education Requirements:		36 Credits
	ENGL 1010 Introduction to Academic Writing CC	3
or	ENGL 1005 Literacies and Composition Across Contexts CC (5)	
	ENGL 2010 Intermediate Academic Writing CC	3
	MATH 1050 College Algebra QL (4)	4
or	MATH 1055 College Algebra with Preliminaries QL (5)	
American Institutions: Complete one of the following:		3
	HIST 2700 US History to 1877 AS (3)	
and	HIST 2710 US History since 1877 AS (3)	
	HIST 1700 American Civilization AS (3)	
	HIST 1740 US Economic History AS (3)	
	POLS 1000 American Heritage SS (3)	
	POLS 1100 American National Government AS (3)	
Complete the following:		
	PHIL 2050 Ethics and Values IH (3)	3
	HLTH 1100 Personal Health and Wellness TE (2)	2
or	EXSC 1097 Fitness for Life TE (2)	
Distribution Courses:		
	Biology Distribution	3
	Physical Science Distribution	3
	An Additional Biology or Physical Science Distribution Course	3
	Fine Arts Distribution	3
	Humanities Distribution	3
	Social/Behavioral Science Distribution ¹	3

Discipline Core Requirements:		63 Credits
Math Requirement:		
	MGMT 2340 Business Statistics I	3
IS Core Requirements:		
	INFO 1120 Information Systems and Technology Fundamentals	3
	INFO 1200 Computer Programming I for IS IT	3
or	CS 1400 Fundamentals of Programming (3)	
	INFO 2200 Computer Programming II for IS IT	3
	INFO 2410 Database Fundamentals	3
	INFO 2420 Web Application Design	3
	IM 2600 Spreadsheet Applications	3
	IT 1510 Introduction to System Administration--Linux/UNIX	3
	IT 2600 Data Communication Fundamentals	3
	IT 2700 Information Security Fundamentals	3
	INFO 3130 Introduction to Applied Data Analytics	3
	INFO 3300 Web Systems Development	3
	INFO 3410 Database Systems and Warehousing	3
	INFO 3430 Systems Analysis and Design WE	3
	INFO 405G Global Ethical and Professional Perspectives in IS and IT GI WE	3
	INFO 4430 Systems Design and Implementation	3
IS Environment/Business Foundation Requirements:		
	ACC 2010 Financial Accounting	3
	ACC 2020 Managerial Accounting	3
	MKTG 220G Written Business Communication GI WE	3
	MGMT 3000 Organizational Behavior WE	3
	MKTG 3600 Principles of Marketing	3
Emphasis Requirements:		12 Credits
	MGMT 3345 Business Statistics II	3
	INFO 4120 Data Visualization	3
	INFO 4130 Data Science and Big Data Analytics	3
	INFO 4135 Data Security Analytics	3
Emphasis Elective Requirements:		12 Credits
Choose 12 credit hours from the following:		12
	IM 3600 Advanced Excel for Decision Making (3)	
	INFO 3120 Management Information Systems (3)	
	INFO 3330 Client-Side Web Development (3)	
	INFO 3360 Server-Side Web Frameworks (3)	
	INFO 4300 Enterprise Web Development (3)	
	INFO 4410 Database Administration (3)	
	INFO 4415 Database Security and Auditing (3)	
	INFO 4420 Mobile Application Development (3)	
	INFO 4425 Web and Application Security (3)	
	MKTG 4300 Marketing Data Science (3)	

Other approved upper-division Information Systems courses	
Notes:	
1. ECON 2010 Principles of Economics I recommended.	

Graduation Requirements:

1. Completion of at least 123 semester credits required in the BS degree; at least 40 credit hours must be upper-division courses.
2. Overall grade point average 2.0 or above with a minimum of 2.5 GPA in all discipline core, specialty core, and elective courses with no grade lower than a "C-."
3. Residency hours: Minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
4. Completion of GE and specified departmental requirements. Students are responsible for completing all prerequisite courses.
5. Successful completion of at least one Global/Intercultural course.

Information Systems - Business Intelligence Systems Emphasis, B.S. Careers

1. An ability to design, implement, and evaluate a computer-based system, process, component, or program to meet the needs of an organization and its users.
2. An ability to analyze a problem, and identify and define computing requirements appropriate to its solution.
3. An ability to analyze the local and global impact of computing on individuals, organizations, and society.
4. An ability to apply knowledge of computing and mathematics appropriate to Information Systems.
5. An ability to assist in the creation and management of an effective project plan.
6. An ability to communicate effectively with a range of audiences, both in written and oral forms.
7. An ability to function effectively on teams to accomplish a common goal.
8. An ability to use current techniques, skills, and tools necessary for Information Systems.
9. An understanding of processes that support the delivery and management of Information Systems within a specific application environment. 10--An understanding of professional, ethical, legal, security, and social issues and responsibilities related to Information Systems. 11--Recognition of the need for, and an ability to engage in, continuing professional developments.

Related Careers

- Computer and Information Systems Managers
- Computer and Information Research Scientists
- Software Developers, Systems Software
- Computer Occupations, All Other
- Computer Science Teachers, Postsecondary

Information Systems - Information Security Management Emphasis, B.S.

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Requirements

Managing the security of information systems is extremely important for all types of organizations to protect the systems from data breaches. The BS in Information Systems program prepares students to be Information Systems professionals. Graduates develop and deploy enterprise-level systems to meet organizational needs. The Information Security Management (ISM) emphasis prepares students for information technology management and information security analyst positions.

Total Program Credits: 123

General Education Requirements:			36 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGH 1005	Literacies and Composition Across Contexts CC (5)	
	ENGL 2010	Intermediate Academic Writing CC	3
	MATH 1050	College Algebra QL (4)	4
or	MATH 1055	College Algebra with Preliminaries QL (5)	
American Institutions: Complete one of the following:			3
	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	
	HIST 1700	American Civilization AS (3)	
	HIST 1740	US Economic History AS (3)	
	POLS 1000	American Heritage SS (3)	
	POLS 1100	American National Government AS (3)	
Complete the following:			
	PHIL 2050	Ethics and Values IH (3)	3
	HLTH 1100	Personal Health and Wellness TE (2)	2
or	EXSC 1097	Fitness for Life TE (2)	
Distribution Courses:			
	Biology Distribution		3
	Physical Science Distribution		3
	An Additional Biology or Physical Science Distribution Course		3
	Fine Arts Distribution		3
	Humanities Distribution		3
	Social/Behavioral Science Distribution ¹		3
Discipline Core Requirements:			63 Credits
Math Requirement:			
	MGMT 2340	Business Statistics I	3
IS Core Requirements:			
	INFO 1120	Information Systems and Technology Fundamentals	3
	INFO 1200	Computer Programming I for IS IT	3
or	CS 1400	Fundamentals of Programming (3)	
	INFO 2200	Computer Programming II for IS IT	3
	INFO 2410	Database Fundamentals	3
	INFO 2420	Web Application Design	3
	IM 2600	Spreadsheet Applications	3
	IT 1510	Introduction to System Administration--Linux/UNIX	3

Information Systems and Technology

IT 2600	Data Communication Fundamentals	3
IT 2700	Information Security Fundamentals	3
INFO 3130	Introduction to Applied Data Analytics	3
INFO 3300	Web Systems Development	3
INFO 3410	Database Systems and Warehousing	3
INFO 3430	Systems Analysis and Design WE	3
INFO 405G	Global Ethical and Professional Perspectives in IS and IT GI WE	3
INFO 4430	Systems Design and Implementation	3
IS Environment/Business Foundation Requirements:		
ACC 2010	Financial Accounting	3
ACC 2020	Managerial Accounting	3
MKTG 220G	Written Business Communication GI WE	3
MGMT 3000	Organizational Behavior WE	3
MKTG 3600	Principles of Marketing	3
Emphasis Requirements:		15 Credits
INFO 4410	Database Administration	3
INFO 4135	Data Security Analytics	3
INFO 4415	Database Security and Auditing	3
INFO 4425	Web and Application Security	3
IT 4700	Enterprise Cybersecurity Management	3
Emphasis Elective Requirements:		9 Credits
Choose 9 credit hours from the following advanced upper-division courses:		9
IT 3350	Intellectual Property and Cyber Law (3)	
IT 4750	Information Technology Operations Capstone (3)	
INFO 3330	Client-Side Web Development (3)	
INFO 3360	Server-Side Web Framework(3)	
INFO 4300	Enterprise Web Development (3)	
INFO 481R	Internship (3)	
Other approved upper-division Information Systems courses		
Notes:		
1. ECON 2010 Principles of Economics I recommended.		

Graduation Requirements:

1. Completion of at least 123 semester credits required in the BS degree; at least 40 credit hours must be upper-division courses.
2. Overall grade point average 2.0 or above with a minimum of 2.5 GPA in all discipline core, specialty core, and elective courses with no grade lower than a "C-."
3. Residency hours: Minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
4. Completion of GE and specified departmental requirements. Students are responsible for completing all prerequisite courses.
5. Successful completion of at least one Global/Intercultural course.

Information Systems - Information Security Management Emphasis, B.S.

Careers

1. An ability to design, implement, and evaluate a computer-based system, process, component, or program to meet the needs of an organization and its users.
2. An ability to analyze a problem, and identify and define computing requirements appropriate to its solution.
3. An ability to analyze the local and global impact of computing on individuals, organizations, and society.
4. An ability to apply knowledge of computing and mathematics appropriate to Information Systems.
5. An ability to assist in the creation and management of an effective project plan.
6. An ability to communicate effectively with a range of audiences, both in written and oral forms.
7. An ability to function effectively on teams to accomplish a common goal.
8. An ability to use current techniques, skills, and tools necessary for Information Systems.
9. An understanding of processes that support the delivery and management of Information Systems within a specific application environment.
10. An understanding of professional, ethical, legal, security, and social issues and responsibilities related to Information Systems.
11. Recognition of the need for, and an ability to engage in, continuing professional developments.

Related Careers

- Computer and Information Systems Managers
- Computer and Information Research Scientists
- Software Developers, Systems Software
- Computer Occupations, All Other
- Computer Science Teachers, Postsecondary

Information Technology - Computer Forensics and Security Emphasis, B.S.

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Requirements

Electronic data is often used as evidence in court. Forensic specialists learn how to identify, preserve, and extract data from electronic devices, such as computers and smart phones. The Bachelor of Science in Information Technology (IT) degree prepares students to install, manage, and maintain the computing infrastructure on which organizational systems run. The Computer Forensics and Security emphasis provides students with a solid foundation for employment by government of corporate sector to work in a computer forensics lab as a forensic analyst or in information security.

Total Program Credits: 122

General Education Requirements:			38 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGL 1005	Literacies and Composition Across Contexts CC (5)	
	ENGL 2010	Intermediate Academic Writing CC	3
	MATH 1050	College Algebra QL	4
or	MATH 1055	College Algebra with Preliminaries QL (5)	
Complete one of the following:			3

	HIST 2700	US History to 1877 AS (3.0)	
and	HIST 2710	US History since 1877 AS (3.0)	
	HIST 1700	American Civilization AS (3.0)	
	HIST 1740	US Economic History AS (3.0)	
	POLS 1000	American Heritage SS (3.0) (recommended for Forensics emphasis)	
	POLS 1100	American National Government AS (3.0)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
	HLTH 1100	Personal Health and Wellness TE	2
or	EXSC 1097	Fitness for Life TE (2)	
Distribution Courses:			
	Biology Distribution		3
	Physical Science Distribution		3
	PHYS 2010	College Physics I PP	4
and	PHYS 2015	College Physics I Lab (fulfills Additional Biology or Physical Science Distribution)	1
	Fine Arts Distribution		3
	ENGL 2100	Technical Communication HH WE	3
	Social/Behavioral Science Distribution ¹		3
Discipline Core Requirements:			69 Credits
Math Requirement:			
	CS 2300	Discrete Mathematical Structures I	3
	STAT 2050	Introduction to Statistical Methods	3
or	MGMT 2340	Business Statistics I	
IT Core Requirements:			
	INFO 1120	Information Systems and Technology Fundamentals	3
	INFO 1200	Computer Programming I for IS IT	3
	IT 1510	Introduction to System Administration--Linux/UNIX	3
	IT 1600	Computer Architecture and Systems Software	3
	INFO 2200	Computer Programming II for IS IT	3
	INFO 2410	Database Fundamentals	3
	IT 2530	Introduction to System Administration--Windows Client	3
	IT 2600	Data Communication Fundamentals	3
or	CS 2600	Computer Networks I (3)	
	IT 2700	Information Security Fundamentals	3
	INFO 3300	Web Systems Development	3
	INFO 3430	Systems Analysis and Design WE	3
	IT 3510	Advanced System Administration--Linux/UNIX	3
	IT 3530	Advanced System Administration--Windows Server	3

	IT 3600	Internetworking and Router Management	3
	IT 3700	Ethical Hacking and Countermeasures	3
	INFO 405G	Global Ethical and Professional Perspectives in IS and IT GI WE	3
	IT 4600	Enterprise Network Architectures and Administration	3
	IT 4700	Enterprise Information Security Management	3
	IT 4750	Network Security and Operations Capstone	3
IT Application Domain Requirement:			6
Two specified courses to provide students with knowledge of an application domain of their choice and interest. (See department advisor for list of approved courses.) ²			
Some possible application domains are:			
	Accounting/IT Auditor		
	Business		
	Communications		
	Computer Science		
	Construction		
	Criminal Justice (Choose this domain for Computer Forensics and Security emphasis)		
	Forensics		
	Geographic Information Systems		
	Health professions		
	Hospitality Management		
	Manufacturing/Production		
	Military Science		
	Multimedia/Digital Media		
	Physical Sciences		
	Social Sciences		
Emphasis Requirements:			9 Credits
	IT 2800	Computer Forensic Fundamentals	3
	IT 3350	Intellectual Property and Cyber Law	3
	IT 4800	Advanced Mobile Devices Forensics	3
Emphasis Elective Requirements:			6 Credits
Complete 6 credit hours from the following:			6
	INFO 3330	Client-Side Web Development (3)	
	INFO 3360	Server-Side Web Frameworks (3)	
	INFO 3410	Database Systems and Warehousing (3)	
	INFO 4135	Data Security Analytics (3)	
	INFO 4415	Database Security and Auditing (3)	
	INFO 4425	Web and Application Security (3)	
	IT 3540	Mac OS and Server Support (3)	
	IT 459R	Current Topics in Information Technology (3)	
	IT 481R	Internship (1-8)	
	CS 3270	Python Software Development (3)	

Information Systems and Technology

Other approved upper-division Information Technology and Information Systems courses
Notes: <ol style="list-style-type: none"> CJ 1010 Introduction to Criminal Justice SS for Forensics emphasis For the Computer Forensics and Security emphasis, the following 2 courses are required: CJ 1330 Criminal Law and CJ 1340 Criminal Investigations.

Graduation Requirements:

- Completion of at least 122 semester credits required in the BS degree; at least 40 credit hours must be upper-division courses.
- Overall grade point average 2.0 or above with a minimum of 2.5 GPA in all discipline core, specialty core, and elective courses with no grade lower than a "C-."
- Residency hours: Minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
- Completion of GE and specified departmental requirements. Students are responsible for completing all prerequisite courses.
- Completion of GE global intercultural requirement. INFO 405G satisfies this requirement.
- Successful completion of at least one Global/Intercultural course.
- Successful completion of at least two Writing Enriched (WE) courses.

Information Technology - Computer Forensics and Security Emphasis, B.S.

Careers

- Analyze a complex computing problem and to apply principles of computing and other relevant disciplines to identify solutions.
- Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of the program's discipline.
- Communicate effectively in a variety of professional contexts.
- Recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles.
- Function effectively as a member or leader of a team engaged in activities appropriate to the program's discipline.
- Use systemic approaches to select, develop, apply, integrate, and administer secure computing technologies to accomplish user goals.

Related Careers

- Computer Systems Analysts
- Information Security Analysts
- Computer Network Architects
- Computer Network Support Specialists

Information Technology - Network Administration and Security Emphasis, B.S.

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Requirements

Every organization uses some form of information technology to perform its operations. The Bachelor of Science in Information Technology (IT) degree prepares students to install, manage, and maintain the computing infrastructure on which organizational systems run. The Network Administration and Security emphasis prepares students to work as data communication consultants, information security analysts, and network administrators. The core of the BS IT program

prepares students to have a strong foundation in computer architecture, data communication, information security, networks, and system administration.

Total Program Credits: 122

General Education Requirements:			38 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGH 1005	Literacies and Composition Across Contexts CC (5)	
	ENGL 2010	Intermediate Academic Writing CC	3
	MATH 1050	College Algebra QL	4
or	MATH 1055	College Algebra with Preliminaries QL (5)	
Complete one of the following:			3
	HIST 2700	US History to 1877 AS (3.0)	
and	HIST 2710	US History since 1877 AS (3.0)	
	HIST 1700	American Civilization AS (3.0)	
	HIST 1740	US Economic History AS (3.0)	
	POLS 1000	American Heritage SS (3.0) (recommended for Forensics emphasis)	
	POLS 1100	American National Government AS (3.0)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
	HLTH 1100	Personal Health and Wellness TE	2
or	EXSC 1097	Fitness for Life TE (2)	
Distribution Courses:			
	Biology Distribution		3
	Physical Science Distribution		3
	PHYS 2010	College Physics I PP	4
and	PHYS 2015	College Physics I Lab (fulfills Additional Biology or Physical Science Distribution)	1
	Fine Arts Distribution		3
	ENGL 2100	Technical Communication HH WE	3
	Social/Behavioral Science Distribution ¹		3
Discipline Core Requirements:			69 Credits
Math Requirement:			
	CS 2300	Discrete Mathematical Structures I	3
	STAT 2050	Introduction to Statistical Methods	3
or	MGMT 2340	Business Statistics I	
IT Core Requirements:			
	INFO 1120	Information Systems and Technology Fundamentals	3
	INFO 1200	Computer Programming I for IS IT	3
	IT 1510	Introduction to System Administration--Linux/UNIX	3
	IT 1600	Computer Architecture and Systems Software	3
	INFO 2200	Computer Programming II for IS IT	3

	INFO 2410	Database Fundamentals	3
	IT 2530	Introduction to System Administration--Windows Client	3
	IT 2600	Data Communication Fundamentals	3
or	CS 2600	Computer Networks I (3)	
	IT 2700	Information Security Fundamentals	3
	INFO 3300	Web Systems Development	3
	INFO 3430	Systems Analysis and Design WE	3
	IT 3510	Advanced System Administration--Linux/UNIX	3
	IT 3530	Advanced System Administration--Windows Server	3
	IT 3600	Internetworking and Router Management	3
	IT 3700	Ethical Hacking and Countermeasures	3
	INFO 405G	Global Ethical and Professional Perspectives in IS and IT GI WE	3
	IT 4600	Enterprise Network Architectures and Administration	3
	IT 4700	Enterprise Information Security Management	3
	IT 4750	Information Technology Operations Capstone	3
IT Application Domain Requirement:			6
Two specified courses to provide students with knowledge of an application domain of their choice and interest. (See department advisor for list of approved courses.) ²			
Some possible application domains are:			
	Accounting/IT Auditor		
	Business		
	Communications		
	Computer Science		
	Construction		
	Criminal Justice (Choose this domain for Computer Forensics and Security emphasis)		
	Forensics		
	Geographic Information Systems		
	Health professions		
	Hospitality Management		
	Manufacturing/Production		
	Military Science		
	Multimedia/Digital Media		
	Physical Sciences		
	Social Sciences		
Emphasis Requirements:			6 Credits
	IT 2400	Voice and Data Cabling Fundamentals	3
	INFO 4425	Web Application Security	3
Emphasis Elective Requirements:			9 Credits
Complete 9 credit hours from the following (6 credits must be 3000 or higher):			9

	INFO 3330	Client-Side Web Development (3)	
	INFO 3360	Server-Side Web Frameworks (3)	
	INFO 3410	Database Systems and Warehousing (3)	
	INFO 4135	Data Security Analytics (3)	
	INFO 4410	Database Administration (3)	
	INFO 4415	Database Security and Auditing (3)	
	INFO 459R	Current Topics in Information Systems (3)	
	IT 3350	Intellectual Property and Cyber Law (3)	
	IT 3540	Mac OS and Server Support (3)	
	IT 459R	Current Topics in Information Technology (3)	
	IT 481R	Internship (1-8)	
	CS 3270	Python Software Development (3)	
		Other approved upper-division Information Technology and Information Systems courses	

Notes:

1. CJ 1010 Introduction to Criminal Justice SS for Forensics emphasis
2. For the Computer Forensics and Security emphasis, the following 2 courses are required: CJ 1330 Criminal Law and CJ 1340 Criminal Investigations.

Graduation Requirements:

1. Completion of at least 122 semester credits required in the BS degree; at least 40 credit hours must be upper-division courses.
2. Overall grade point average 2.0 or above with a minimum of 2.5 GPA in all discipline core, specialty core, and elective courses with no grade lower than a "C-."
3. Residency hours: Minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
4. Completion of GE and specified departmental requirements. Students are responsible for completing all prerequisite courses.
5. Completion of GE global intercultural requirement. INFO 405G satisfies this requirement.
6. Successful completion of at least one Global/Intercultural course.
7. Successful completion of at least two Writing Enriched (WE) courses.

Information Technology - Network Administration and Security Emphasis, B.S.

Careers

1. Analyze a complex computing problem and to apply principles of computing and other relevant disciplines to identify solutions.
2. Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of the program's discipline.
3. Communicate effectively in a variety of professional contexts.
4. Recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles.
5. Function effectively as a member or leader of a team engaged in activities appropriate to the program's discipline.
6. Use systemic approaches to select, develop, apply, integrate, and administer secure computing technologies to accomplish user goals.

Information Systems and Technology

Related Careers

- Computer Systems Analysts
- Information Security Analysts
- Computer Network Architects
- Computer Network Support Specialists

Integrated Studies

FACULTY

ABBOTT, Scott *Professor*

ABUNUWARA, Kim *Associate Professor*

JACKSON, Gregory Richard *Associate Professor*

Degrees & Programs

Integrated Studies, B.A.

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Requirements

The individualized nature of the Integrated Studies degree is attractive to students with multiple interests. Students integrate course work in emphases such as biology, earth science, business, health, literature, languages, communication, philosophy, psychology, sociology, anthropology, and the arts. Emphases from computer science and information systems, accounting, technology management, and physical education are also offered as part of this degree.

Total Program Credits: 120

General Education Requirements:			36 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGH 1005	Literacies and Composition Across Contexts CC (5)	
	ENGL 2010	Intermediate Academic Writing CC	3
Complete one of the following:			3
	MAT 1030	Quantitative Reasoning QL (3) (recommended for Humanities or Arts majors)	
	MAT 1035	Quantitative Reasoning with Integrated Algebra QL (6)	
	STAT 1040	Introduction to Statistics QL (3) (recommended for Social Science majors)	
	STAT 1045	Introduction to Statistics with Algebra QL (5)	
	MATH 1050	College Algebra QL (4) (recommended for Business, Education, Science, and Health Professions majors)	
	MATH 1055	College Algebra with Preliminaries QL (5)	
	MATH 1090	College Algebra for Business QL (3) (recommended for Business majors)	
Complete one of the following:			3
	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	
	HIST 1700	American Civilization AS (3)	
	HIST 1740	US Economic History AS (3)	
	POLS 1000	American Heritage SS (3)	
	POLS 1100	American National Government AS (3)	
Complete the following:			

	PHIL 2050	Ethics and Values IH	3
	HLTH 1100	Personal Health and Wellness TE	2
or	EXSC 1097	Fitness for Life TE (2)	
	Distribution Courses		
	Biology		3
	Physical Science		3
	Additional Biology or Physical Science		3
	Any 202G/2020 Foreign Language course		4
	Fine Arts		3
	Social/Behavioral Science		3
Discipline Core Requirements:			18 Credits
	IS 2000	Knowledge Integrated	3
	IS 300R	Introductory Topics in Integrated Studies	3
	IS 350R	Topics in Integrated Studies	3
	One additional section of 300R or 350R		3
	IS 4980	Integrated Studies Capstone I WE	3
	IS 4990	Integrated Studies Capstone II WE	3
Emphasis Requirements:			36 Credits
	Complete 1 approved Minor		18
	Complete a second, different, approved Minor		18
	Some minors require more than 18 credits to complete. Any minor requirements beyond 18 credits may count toward electives		
Elective Requirements:			30 Credits
	One Foreign Language (Foreign Language 202G/2020 course fulfills Humanities Distribution)		12
	Complete any 1000-level, or higher, courses		18

Graduation Requirements:

1. Completion of a minimum of 120 semester credits; a minimum of 40 credits must be upper-division.
2. Overall grade point average of 2.0 (C) or above. (Departments may require a higher GPA.)
3. Residency hours: minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
4. Completion of GE and specified departmental requirements; students must have "C-" or higher in the Discipline Core courses (except for the Foreign Language classes).
5. For the BA degree, completion of 16 credit hours of course work from one language to include the 1010, 1020, 2010, and 202G/2020 levels or transferred equivalents.
6. Successful completion of at least one Global/Intercultural course.
7. Complete Integrated Studies graduating student survey.

Available Minors:

A

- ACCOUNTING, MINOR
- AMERICAN INDIAN STUDIES, MINOR
- AMERICAN STUDIES, MINOR
- ANTHROPOLOGY, MINOR
- APPLIED COMMUNICATION, MINOR
- APPLIED DATA ANALYTICS, MINOR

Integrated Studies

- ART HISTORY, MINOR
- AUTISM STUDIES, MINOR

B

- BIOLOGY, MINOR
- BUSINESS INFORMATION TECHNOLOGY, MINOR
- BUSINESS MANAGEMENT, MINOR

C

- CHEMISTRY, MINOR
- CHINESE COMMERCE, MINOR
- CHINESE LANGUAGE, MINOR
- CHINESE STUDIES, MINOR
- CINEMA AND MEDIA STUDIES, MINOR
- CLASSICAL STUDIES, MINOR
- COGNITIVE NEUROSCIENCE, MINOR
- COMPUTER SCIENCE, MINOR
- CONSTITUTIONAL STUDIES, MINOR
- CREATIVE WRITING, MINOR
- CRIMINAL JUSTICE, MINOR

D

- DEAF STUDIES, MINOR
- DIGITAL MEDIA, MINOR

E

- EARTH SCIENCE, MINOR
- ECONOMICS, MINOR
- ENGLISH EDUCATION, MINOR
- ENGLISH LITERARY STUDIES, MINOR
- ENTREPRENEURSHIP, MINOR
- ENVIRONMENTAL SCIENCE AND MANAGEMENT, MINOR
- ENVIRONMENTAL STUDIES, MINOR
- ETHICS, MINOR
- ETHNIC STUDIES, MINOR
- EVENT PLANNING, MINOR
- EXERCISE SCIENCE, MINOR

F

- FAMILY SCIENCE, MINOR
- FINANCE, MINOR
- FRENCH, MINOR

G

- GENDER STUDIES, MINOR
- GEOGRAPHY, MINOR
- GERMAN, MINOR

H

- HEALTHCARE ADMINISTRATION, MINOR
- HISTORY, MINOR
- HOMELAND SECURITY, MINOR
- HUMAN RESOURCE MANAGEMENT, MINOR
- HUMANITIES, MINOR

I

- INFORMATION SYSTEMS AND TECHNOLOGY, MINOR

L

- LANGUAGES, MINOR
- LATIN AMERICAN STUDIES, MINOR
- LEADERSHIP STUDIES - NONPROFIT ORGANIZATIONS, MINOR
- LEADERSHIP STUDIES, MINOR

M

- MARKETING, MINOR

- MATHEMATICS, MINOR
- MILITARY SCIENCE, MINOR
- MUSIC, MINOR

N

- NATIONAL SECURITY STUDIES, MINOR
- NUTRITION, MINOR

O

- OUTDOOR RECREATION, MINOR

P

- PEACE AND JUSTICE STUDIES, MINOR
- PHILOSOPHY, MINOR
- PHYSICS, MINOR
- POLITICAL SCIENCE, MINOR
- PORTUGUESE, MINOR
- PSYCHOLOGY, MINOR
- PUBLIC HEALTH, MINOR
- PUBLIC RELATIONS AND STRATEGIC COMMUNICATION, MINOR

R

- RELIGIOUS STUDIES, MINOR
- RISK MANAGEMENT, MINOR
- RUSSIAN STUDIES, MINOR

S

- SCHOOL HEALTH EDUCATION, MINOR
- SOCIOLOGY, MINOR
- SPANISH FOR THE PROFESSIONS--TRANSLATION/INTERPRETING, MINOR
- SPANISH, MINOR

T

- TECHNICAL COMMUNICATION, MINOR
- TECHNOLOGY MANAGEMENT, MINOR
- THEATRE ARTS, MINOR

W

- WRITING FOR ENTERTAINMENT MEDIA, MINOR
- WRITING STUDIES, MINOR

Integrated Studies, B.A.

Careers

1. Graduates will be able to gather and analyze information to develop a Capstone Thesis which incorporates knowledge from their two (or three) emphasis areas, upper division theory courses, and Integrated Studies topics courses.
2. Graduates will be able to discuss and defend their Capstone Thesis/Project with particular attention to how concepts from their emphases are incorporated through work on a problem that requires interdisciplinary tools.
3. Graduates will be able to apply research and writing skills to demonstrate informational and technical literacy.

Related Careers

- NO MATCH

Integrated Studies, B.S.

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Requirements

The individualized nature of the Integrated Studies degree is attractive to students with multiple interests. Students integrate course work in emphases such as biology, earth science, business, health, literature, languages, communication, philosophy, psychology, sociology, anthropology, and the arts. Emphases from computer science and information systems, accounting, technology management, and physical education are also offered as part of this degree.

Total Program Credits: 120

General Education Requirements:		35 Credits
Complete the following:		
	ENGL 1010 Introduction to Academic Writing CC	3
or	ENGL 1005 Literacies and Composition Across Contexts CC (5)	
	ENGL 2010 Intermediate Academic Writing CC	3
Complete one of the following:		3
	MAT 1030 Quantitative Reasoning QL (3)	
	MAT 1035 Quantitative Reasoning with Integrated Algebra QL (6)	
	STAT 1040 Introduction to Statistics QL (3)	
	STAT 1045 Introduction to Statistics with Algebra QL (5)	
	MATH 1050 College Algebra QL (4)	
	MATH 1055 College Algebra with Preliminaries QL (5)	
	MATH 1090 College Algebra for Business QL (3)	
Complete one of the following:		3
	HIST 2700 US History to 1877 AS (3)	
and	HIST 2710 US History since 1877 AS (3)	
	HIST 1700 American Civilization AS (3)	
	HIST 1740 US Economic History AS (3)	
	POLS 1000 American Heritage SS (3)	
	POLS 1100 American National Government AS (3)	
Complete the following:		
	PHIL 2050 Ethics and Values IH	3
	HLTH 1100 Personal Health and Wellness TE	2
or	EXSC 1097 Fitness for Life TE (2)	
Distribution Courses		
	Biology	3
	Physical Science	3
	Additional Biology or Physical Science	3
	Humanities	3
	Fine Arts	3
	Social/Behavioral Science	3
Discipline Core Requirements:		18 Credits
	IS 2000 Knowledge Integrated	3
	IS 300R Introductory Topics in Integrated Studies	3
	IS 350R Topics in Integrated Studies	3

One additional section of 300R or 350R		3
IS 4980	Integrated Studies Capstone I WE	3
IS 4990	Integrated Studies Capstone II WE	3
Emphasis Requirements:		36 Credits
	Complete 1 approved Minor	18
	Complete a second, different, approved Minor	18
Some minors require more than 18 credits to complete. Any minor requirements beyond 18 credits may count toward electives		
Elective Requirements:		31 Credits
	Complete any 1000-level, or higher, course	31

Graduation Requirements:

1. Completion of a minimum of 120 semester credits; a minimum of 40 credits must be upper-division.
2. Overall grade point average of 2.0 (C) or above. (Departments may require a higher GPA.)
3. Residency hours: minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
4. Completion of GE and specified departmental requirements; students must have "C-" or higher in the Discipline Core courses (except for the Foreign Language classes).
5. Successful completion of at least one Global/Intercultural course.
6. Complete Integrated Studies graduating student survey.

Available Minors:

A

- [ACCOUNTING, MINOR](#)
- [AMERICAN INDIAN STUDIES, MINOR](#)
- [AMERICAN STUDIES, MINOR](#)
- [ANTHROPOLOGY, MINOR](#)
- [APPLIED COMMUNICATION, MINOR](#)
- [APPLIED DATA ANALYTICS, MINOR](#)
- [ART HISTORY, MINOR](#)
- [AUTISM STUDIES, MINOR](#)

B

- [BIOLOGY, MINOR](#)
- [BUSINESS INFORMATION TECHNOLOGY, MINOR](#)
- [BUSINESS MANAGEMENT, MINOR](#)

C

- [CHEMISTRY, MINOR](#)
- [CHINESE COMMERCE, MINOR](#)
- [CHINESE LANGUAGE, MINOR](#)
- [CHINESE STUDIES, MINOR](#)
- [CINEMA AND MEDIA STUDIES, MINOR](#)
- [CLASSICAL STUDIES, MINOR](#)
- [COGNITIVE NEUROSCIENCE, MINOR](#)
- [COMPUTER SCIENCE, MINOR](#)
- [CONSTITUTIONAL STUDIES, MINOR](#)
- [CREATIVE WRITING, MINOR](#)
- [CRIMINAL JUSTICE, MINOR](#)

D

- [DEAF STUDIES, MINOR](#)
- [DIGITAL MEDIA, MINOR](#)

Integrated Studies

E

- EARTH SCIENCE, MINOR
- ECONOMICS, MINOR
- ENGLISH EDUCATION, MINOR
- ENGLISH LITERARY STUDIES, MINOR
- ENTREPRENEURSHIP, MINOR
- ENVIRONMENTAL SCIENCE AND MANAGEMENT, MINOR
- ENVIRONMENTAL STUDIES, MINOR
- ETHICS, MINOR
- ETHNIC STUDIES, MINOR
- EVENT PLANNING, MINOR
- EXERCISE SCIENCE, MINOR

F

- FAMILY SCIENCE, MINOR
- FINANCE, MINOR
- FRENCH, MINOR

G

- GENDER STUDIES, MINOR
- GEOGRAPHY, MINOR
- GERMAN, MINOR

H

- HEALTHCARE ADMINISTRATION, MINOR
- HISTORY, MINOR
- HOMELAND SECURITY, MINOR
- HUMAN RESOURCE MANAGEMENT, MINOR
- HUMANITIES, MINOR

I

- INFORMATION SYSTEMS AND TECHNOLOGY, MINOR

L

- LANGUAGES, MINOR
- LATIN AMERICAN STUDIES, MINOR
- LEADERSHIP STUDIES - NONPROFIT ORGANIZATIONS, MINOR
- LEADERSHIP STUDIES, MINOR

M

- MARKETING, MINOR
- MATHEMATICS, MINOR
- MILITARY SCIENCE, MINOR
- MUSIC, MINOR

N

- NATIONAL SECURITY STUDIES, MINOR
- NUTRITION, MINOR

O

- OUTDOOR RECREATION, MINOR

P

- PEACE AND JUSTICE STUDIES, MINOR
- PHILOSOPHY, MINOR
- PHYSICS, MINOR
- POLITICAL SCIENCE, MINOR
- PORTUGUESE, MINOR
- PSYCHOLOGY, MINOR
- PUBLIC HEALTH, MINOR
- PUBLIC RELATIONS AND STRATEGIC COMMUNICATION, MINOR
- R
- RELIGIOUS STUDIES, MINOR
- RISK MANAGEMENT, MINOR
- RUSSIAN STUDIES, MINOR

S

- SCHOOL HEALTH EDUCATION, MINOR
- SOCIOLOGY, MINOR
- SPANISH FOR THE PROFESSIONS--TRANSLATION/ INTERPRETING, MINOR
- SPANISH, MINOR

T

- TECHNICAL COMMUNICATION, MINOR
- TECHNOLOGY MANAGEMENT, MINOR
- THEATRE ARTS, MINOR

W

- WRITING FOR ENTERTAINMENT MEDIA, MINOR
- WRITING STUDIES, MINOR

Integrated Studies, B.S.

Careers

1. Graduates will be able to gather and analyze information to develop a Capstone Thesis which incorporates knowledge from their two (or three) emphasis areas, upper division theory courses, and Integrated Studies topics courses.
2. Graduates will be able to discuss and defend their Capstone Thesis/Project with particular attention to how concepts from their emphases are incorporated through work on a problem that requires interdisciplinary tools.
3. Graduates will be able to apply research and writing skills to demonstrate informational and technical literacy.

Related Careers

- NO MATCH

Languages and Cultures

DEPARTMENT CHAIR

ELDREDGE, Bryan K. *Professor*

FACULTY

BALLARD, Michael B. *Assistant Professor*

BRISCOE, Gregory G. *Associate Professor*

CHRISTENSEN, Tammy *Lecturer*

DE DIOS, Mari *Lecturer*

ELDREDGE, Bryan K. *Professor*

FERREIRA, Debora R.S. *Professor*

GILBERT, Devin *Assistant Professor*

HAO, Mingming *Lecturer*

HARDMAN, Jamie *Lecturer*

HILL, Johnny *Lecturer*

JARRELL, Olga *Lecturer*

JENSEN, Douglas C. *Associate Professor*

KENNEDY, Chad *Lecturer*

LINDHEIMER, Rebeca *Assistant Professor*

LOUIS, Claudia *Lecturer*

NELSON, Lorissa *Lecturer*

NISGURITZER, Jorge *Associate Professor*

PACKER, Jeffrey *Associate Professor*

SAITO, Yasuko *Lecturer*

SPURGEON, Angela *Lecturer*

TEMPLE, Walter S. *Associate Professor*

ULLOA, Sara *Associate Professor*

WHITE, Frederick H. *Professor*

WILBER, Jason *Lecturer*

YUAN, Guofang *Associate Professor*

Degrees & Programs

Japanese Language, Certificate of Proficiency

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Requirements

The Japanese Language-Certificate of Proficiency focuses on language development and culture. This program provides students an opportunity to prove their proficiency in the Japanese language and use their cultural abilities in their careers. Upon successful completion of this certificate students will be proficient in Japanese at an intermediate level.

Total Program Credits: 18

Discipline Core Requirements:		
JPNS 1020	Beginning Japanese II LH	4
JPNS 2010	Intermediate Japanese I LH	4
JPNS 202G	Intermediate Japanese II HH GI	4
JPNS 3050	Advanced Japanese	3
JPNS 351G	Japanese Culture and Civilization GI	3

Graduation Requirements: A minimum grade of "C" must be earned in all required courses.

1. Completion of a minimum of 18 semester credits.
2. Minimum grade of C required in all courses.
3. Overall grade point average of 2.0 (C) or above.
4. Residency hours--minimum of 6 credit hours through course attendance at UVU.

Japanese Language, Certificate of Proficiency Careers

Program Learning Outcomes
1. Communicate in Japanese at an intermediate level.
2. Demonstrate Japanese cultural norms in workforce settings.
3. Build relationships within a Japanese global environment.

Chinese Language, Minor

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Requirements

The Chinese Language minor is designed for majors in any field who wish to demonstrate in-depth knowledge of Chinese language, culture and society. The minor in Chinese Language is to equip students with a foundation in Chinese language and culture necessary to successfully interact with Chinese people. A minor in Chinese language should open doors to a variety of career options, for example, working in a position where Chinese language skills and cultural/business knowledge are desirable, teaching at a school or working for a multinational company, or pursuing advanced studies in Chinese, Asian studies, international relations, or related disciplines. Study abroad is strongly encouraged both for language acquisition and the attainment of cultural competency.

Total Program Credits: 18

Matriculation Requirements:			
1. Complete lower division Chinese courses [CHIN 1010 Beginning Chinese I LH, CHIN 1020 Beginning Chinese II LH, CHIN 2010 Intermediate Chinese I LH, and CHIN 202G Intermediate Chinese II HH GI] or attain a similar level of language mastery through other means. Native speakers begin at the upper division level.			
Discipline Core Requirements:			9 Credits
CHIN 3050	Advanced Chinese		3
CHIN 351G	Chinese Culture and Civilization		3
CHIN 4050	Chinese Language and Culture GI		3
Elective Requirements:			9 Credits
In addition to the 9 core requirements, students must complete 9 hours of upper division electives from the following:			9
CHIN 3200	Business Chinese I (3)		
CHIN 4200	Business Chinese II (3)		
CHIN 4100	Translation and Interpretation (3)		
CHST 362G	Traditional Chinese History GI (3)		
CHST 363G	Modern Chinese History GI (3)		
CHST 373G	Classical Chinese Literature GI (3)		
CHST 375G	Modern Chinese Literature GI (3)		
CHST 416G	Chinese Culture and Film GI (3)		
CHIN 3100	Introduction to Classical Chinese (3)		

Languages and Cultures

CHIN 3650	Modern Chinese Literature from 1900 (3)	
CHIN 3690	Modern China Through Film (3)	
CHIN 4060	Topics in Grammar Usage and Style (3)	
CHIN 412R	Chinese for the Professions (3)	
CHIN 4250	Newspaper Readings (3)	
CHIN 4300	Selected Readings in Classical Chinese (3)	
CHIN 4500	Advanced Writing in Chinese (3)	
CHIN 490R	Special Topics in Chinese Language and Literacy (3)	
CHST 3739	Selected Readings from Pre-Qin Writings (3)	
CHST 3650	China Transformations from 1949 (3)	

Graduation Requirements:

1. 18 (9 credits for courses and 9 credits for elective courses).

Chinese Language, Minor Careers

1. Have a working knowledge of Chinese grammar, morphology, and vocabulary.
2. Attain a general knowledge and understanding of Chinese culture, society and history.
3. Understand major aspects of Chinese culture and civilization from pre-historic times to the present.
4. Have a basic familiarity with China's position in and influence on world politics and economy.
5. Demonstrate the ability to transcend the boundaries between national languages and disciplines by use of comparative and collaborative approaches to scholarship.
6. Have a good understanding of methods and strategies for maintaining and extending their abilities in Chinese after graduation.

Related Careers

- Instructional Coordinators

Chinese Studies, Minor

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Requirements

The Chinese Studies minor provides students with academic experiences, skills, and strategies to understand contemporary China, including its language, culture, ethics, politics, economy and history, within scholarly and applied contexts.

Total Program Credits: 19

Matriculation Requirements:		
1. Completion of 30 hours of credit.		
Discipline Core Requirements:		7 Credits
CHST 200G	Introduction to Chinese Studies GI	3
CHIN 2010	Intermediate Chinese I LH	4
Elective Requirements:		12 Credits

Complete 12 hours of advisor-approved upper division electives from the following:		12
CHIN 202G	Intermediate Chinese II HH GI (4)	
CHST 362G	Traditional Chinese History GI (3)	
CHST 363G	Modern Chinese History GI (3)	
CHIN 351G	Chinese Culture and Civilization GI (3)	
CHST 373G	Classical Chinese Literature GI (3)	
CHST 375G	Modern Chinese Literature GI (3)	
CHST 416G	Chinese Culture and Film GI (3)	
CHIN 3650	Modern Chinese Literature from 1900 (3)	
CHIN 3690	Modern China Through Film (3)	
CHIN 4250	Newspaper Readings (3)	
CHST 3739	Selected Reading from Pre-Qin Writings (3)	
CHST 3650	China Transformations from 1949 (3)	
other advisor-approved course		

Graduation Requirements:

1. 19 (7 credits for courses and 12 credits for elective courses).

Chinese Studies, Minor Careers

Program Learning Outcomes

1. Attain pertinent knowledge and an understanding of Chinese culture, society and history.
2. Demonstrate proficiency in the Chinese language at an Intermediate Low level according to the American Council on the Teaching of Foreign Languages (ACTFL) National Standards.
3. Engage various forms of representation in Chinese society such as, but not limited to, visual art, literary expression and historical perspective.
4. Have a basic familiarity with China's customs, social idioms and cultural allusions in order to better appreciate the prevailing national discourse.
5. Demonstrate the ability to transcend the boundaries between national languages and disciplines by use of comparative and collaborative approaches to scholarship.
6. Have a good understanding of methods and strategies for maintaining and extending their abilities in Chinese after graduation.

Related Careers

- Area, Ethnic, and Cultural Studies Teachers, Postsecondary

Deaf Studies, Minor

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Requirements

In the Deaf Studies minor, students will examine elements of what culturally-Deaf people in America have traditionally called "the Deaf-World" with special attention to the framework of meaning from within which culturally-Deaf people interpret what it means to be Deaf. This minor challenges students to approach cultural descriptions critically, and provides a historical, cultural, and linguistic foundation.

Total Program Credits: 18

Matriculation Requirements:		
1. Declaration of a major in a bachelor degree program at UVU. 2. Completion of ASL 202G Intermediate American Sign Language II HH GI or equivalent.		
Discipline Core Requirements:		21 Credits
Complete the following:		
ASL 3000	Technology for Deaf Studies	3
ASL 3530	Modern Deaf Culture WE	3
Complete additional 12 credits of 3000-4000 level ASL prefix courses.		12

Graduation Requirements:

1. Minimum cumulative GPA of 2.0 with no grade lower than "c" for all ASL courses.
2. Residency hours--minimum of 12 credits counting towards the minor through attendance at UVU.

Deaf Studies, Minor Careers

1. Students will be able to negotiate meaning with individuals via signing and reading at the Advanced Mid rating of the ACTFL proficiency levels.
2. Students will be able to comprehend members of the target language and produce messages that can be interpreted and understood by said members at the Advanced Mid rating of the ACTFL proficiency levels.
3. Students will be able to use linguistic and cultural knowledge to encourage and influence advocacy strategies to foster deaf and hearing relations in their communities.

Related Careers

- Interpreters and Translators

French, Minor

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Requirements

Earn this minor in conjunction with any UVU Bachelor Degree Major offered. The minor consists of 18 credits of Upper Division coursework (3050 required). For more information contact the Language Department advisor.

Total Program Credits: 18

Matriculation Requirements:		
1. Complete ENGL 2010 Intermediate Academic Writing CC and 30 hours of college-level courses other than French with a minimum GPA of 2.0 2. Complete lower division French courses (FREN 1010 Beginning French I LH, FREN 1020 Beginning French II LH, FREN 2010 Intermediate French I LH, and FREN 202G Intermediate French II HH GI or receive the equivalent through experiential credit (does not apply to native speakers). 3. Students with significant residency abroad should register for French 3050 Advanced French LH WE as a first course toward the minor. 4. Be admitted to a bachelor degree program at UVU.		
Discipline Core Requirements:		3 Credits
FREN 3050	Advanced French LH WE	3

Elective Requirements:		15 Credits
Complete 15 credits from among the following:		15
FREN 3030	French Composition and Conversation WE (3)	
FREN 3040	Introduction to Literary Genres in French (3)	
FREN 3200	Business French LH (3)	
FREN 351G	Culture and Civilization to 1700 GI (3)	
FREN 352G	Culture and Civilization from 1700 GI (3)	
FREN 3610	French Literature to 1700 (3)	
FREN 3620	French Literature from 1700 WE (3)	
FREN 4200	Advanced Business French (3)	
FREN 490R	Special Topics in French (3)	
LANG 3000	Language and Culture LH (3)	
or LANG 481R	Language Internship (1)	
or LANG 4200	Methods of Teaching a Foreign Language (3)	
or LANG 490R	Special Topics in Languages (1)	

Graduation Requirements:

1. Completion of Baccalaureate Degree.
2. A minimum grade of "C" must be earned in all minor courses.

French, Minor Careers

1. Students will be able to negotiate meaning through speaking, writing, reading, and listening skills at the Advanced Mid rating of the ACTFL proficiency levels.
2. Students will be able to interpret meaning in oral and written form with no recourse to active negotiation of meaning with the writer, speaker, or producer at the Advanced Mid rating of the ACTFL proficiency levels.
3. Students will be able to create messages that can be interpreted by members of the target language with no recourse to active negotiation of meaning with the writer, speaker, or producer at the Advanced Mid rating of the ACTFL proficiency levels.
4. Students will be able to use cultural knowledge to conform, linguistically and behaviorally, in various social and work-related settings at the Advanced Rating of the ACTFL Cultural Awareness descriptor.

Related Careers

- Foreign Language and Literature Teachers, Postsecondary
- Secondary School Teachers, Except Special and Career/Technical Education
- Interpreters and Translators

German, Minor

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Requirements

Pair German with an additional language of your choosing. This minor can be earned in conjunction with any Bachelor degree major that UVU offers.

Total Program Credits: 18

Languages and Cultures

Matriculation Requirements:		
<ol style="list-style-type: none"> Complete ENGL 2010 Intermediate Academic Writing CC and 30 hours of college-level courses other than German with a minimum GPA of 2.0 Complete lower division German courses [GER 1010 Beginning German I LH, GER 1020 Beginning German II LH, GER 2010 Intermediate German I LH, and GER 202G Intermediate German II HH GI] or attain a similar level of language mastery through other means. Native speakers begin at the upper division level. Be admitted to a bachelor degree program at UVU. 		
Discipline Core Requirements:		3 Credits
	GER 3050 Advanced German LH	3
Elective Requirements:		15 Credits
Complete 15 credits from among the following:		15
	GER 3030 German Composition and Conversation (3)	
	GER 3200 Business German LH (3)	
	GER 351G German Culture and Civilization GI (3)	
	GER 380R Topics in German Studies (3)	
	GER 4200 Advanced Business German (3)	
	LANG 3000 Language and Culture LH (3)	
or	LANG 3010 Introduction to Linguistics (3)	
or	LANG 4200 Methods of Teaching a Foreign Language (3)	
or	LANG 481R Language Internship (1)	
	other advisor-approved course	

Graduation Requirements:

- Completion of Baccalaureate Degree.
- A minimum grade of "C" must be earned in all minor courses.

Languages, Minor

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Requirements

The Minor in Languages requires 9 credits upper division course work in one language and 11 credits of intermediate level course work in another language (prerequisites will vary from student to student).

Total Program Credits: 20

Matriculation Requirements:		
<ol style="list-style-type: none"> Complete ENGL 2010 Intermediate Academic Writing CC and 30 hours of college-level courses other than Language courses with a minimum GPA of 2.0 Complete lower-division courses (1010, 1020, 2010, and 202G/2020) in one foreign language or receive the equivalent through experiential credit (does not apply to native speakers). Be admitted to a bachelor degree program at UVU. Courses taken for credit in the Languages minor may not apply to any other program. See Advisor. 		
Discipline Core Requirements:		20 Credits
Language 1:		
	A 3050 course in any foreign language	3

	6 credits numbered higher than 3050 in the same language	6
or	LANG 3000 Language and Culture LH (6)	
LANGUAGE 2		
	Eleven credits in courses numbered 2000 or higher in a SECOND foreign language.	11

Graduation Requirements:

- Completion of Baccalaureate Degree.
- Any grade below a "C" (2.0) in a Languages Minor course will not be accepted.

Latin American Studies, Minor

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Requirements

The minor in Latin American Studies (LAS) provides a comprehensive and interdisciplinary understanding of Latin American and Latino culture, history, and language. This is particularly important for preparing UVU students to be fully competitive in the global marketplace since two of the top ten trading partners of the United States, Mexico and Brazil, are located in Latin America. Students learn to comprehend the unique geographical and historical complexities of Latin America and its place in the world, as well as the multifaceted cultural backgrounds of their fellow students whose families are from that vast area. A minor in LAS complements a diverse number of majors giving our students the opportunity to prepare for a future working with either Utah's growing Latino population or beyond the state pursuing opportunities abroad.

Total Program Credits: 18

Matriculation Requirements:		
1. Admitted to a bachelor degree program at UVU.		
Discipline Core Requirements:		9 Credits
	GEOG 2500 Geography of Latin America and the Caribbean	3
	HIST 204G Colonial Latin America GI	3
or	HIST 205G Modern Latin America GI (3)	
Complete 3 credits from the following:		3
	PORT 202G Intermediate Portuguese II HH GI(4)	
	SPAN 202G Intermediate Spanish II HH GI (4)	
	Any PORT 3000 level or higher	
	Any SPAN 3000 level or higher	
Elective Requirements:		9 Credits
Choose 9 credits from the following:		9
	ANTH 3340 Peoples and Cultures of Mexico (3)	

	ANTH 3350	Andean Prehistory (3)	
	ANTH 3370	History and Ethnography of Andean Societies (3)	
	COMM 319G	Intercultural Communication Encounters GI (3)	
	ENGL 373R	Literature of Cultures and Places (3)	
	ENGL 476G	Multi-ethnic Literature in America GI (3)	
	HIST 430G	Violence and Social Conflict in Latin America GI (3)	
	MGMT 330G	Survey of International Business GI (3)	
	MGMT 332G	Cross-Cultural Communications for International Business GI (3)	
	MGMT 458R	Advanced Topics in International Business (1-3)	
	MGMT 4870	International Management (3)	
	MKTG 259R	Current Topics in Marketing (1-3)	
	POLS 420R	Issues and Topics in Political Science (3)	
	PORT 3200	Business Portuguese (3)	
	PORT 3430	Masterpieces of Brazilian Film (3)	
	PORT 352G	Brazilian Culture and Civilization GI (3)	
	PORT 3610	Brazil through Literature and Film--1500-1900 (3)	
	PORT 3620	Modern Brazil through Literature/Music/Film--1900-1945 (3)	
	PORT 3630	Post-Modern Brazil through Literature/Music/	

		Film--1945-today (3)	
	PORT 490R	Special Topics in Brazilian Studies (3)	
	SPAN 3200	Business Spanish LH (3)	
	SPAN 3630	Spanish American Literature to 1880 (3)	
	SPAN 3640	Spanish American Literature from 1880 (3)	
	SPAN 380R	Community Engagement in Spanish (1-3)	
	SPAN 412R	Spanish for the Professions (3)	
	SPAN 4200	Advanced Business Spanish (3)	
	SPAN 460R	Topics in Hispanic Literature (3)	
	SPAN 484R	Special Topics in Hispanic Studies (1-3)	
	or other advisor-approved course.		

Graduation Requirements:

1. A minimum grade of "C" must be earned in all minor courses. *

Footnote

* Completion of Baccalaureate Degree.

Portuguese, Minor

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Requirements

Total Program Credits: 18

Matriculation Requirements:			
1. A minimum grade of "C" must be earned in all minor courses. *			
Discipline Core Requirements:			12 Credits
	PORT 3050	Advanced Portuguese LH	3
	PORT 3610	Brazil through Literature and Film--1500-1900	3
	PORT 3620	Modern Brazil through Literature/Music/Film--1900-1945	3

Languages and Cultures

	PORT 3630	Post-Modern Brazil through Literature/Music/Film--1945-today	3
Elective Requirements:			6 Credits
A total of 6 credits from the following:			6
	PORT 3200	Business Portuguese (3)	
	PORT 3430	Masterpieces of Brazilian Film (3)	
	PORT 352G	Brazilian Culture and Civilization GI (3)	
	PORT 490R	Special Topics in Brazilian Studies (3)	
	LANG 281R	Language Internship (1-8)	
or	LANG 3000	Language and Culture LH (3)	
or	LANG 3010	Introduction to Linguistics (3)	
or	LANG 481R	Language Internship (1)	
or	LANG 490R	Special Topics in Languages (1)	
or	LANG 4200	Methods of Teaching a Foreign Language (3)	
or other advisor-approved course.			

Footnote

* Completion of Baccalaureate Degree.

Portuguese, Minor Careers

1. Students will be able to negotiate meaning through speaking, writing, reading, and listening skills at the Advanced Mid rating of the ACTFL proficiency levels.
2. Students will be able to interpret meaning in oral and written form with no recourse to active negotiation of meaning with the writer, speaker, or producer at the Advanced Mid rating of the ACTFL proficiency levels
3. Students will be able to create messages that can be interpreted by members of the target language with no recourse to active negotiation of meaning with the writer, speaker, or producer at the Advanced Mid rating of the ACTFL proficiency levels.
4. Students will be able to use cultural knowledge to conform, linguistically and behaviorally, in various social and work-related settings at the Advanced Rating of the ACTFL Cultural Awareness descriptor.

Related Careers

- Foreign Language and Literature Teachers, Postsecondary
- Interpreters and Translators

Russian Studies, Minor

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Requirements

The Russian Studies minor will provide students with a foundational understanding of the language as well as an introduction to the social, political, historical, and economic factors that make Russia one of the leading international powers today. Students will attain a general knowledge and understanding of Russian culture, society and history from pre-historic times to the present, have a basic familiarity with Russia's position in and influence on world politics and economics, and demonstrate the ability to transcend the boundaries between national languages and disciplines by the use of comparative and collaborative approaches to scholarship.

Total Program Credits: 22

Matriculation Requirements:			
1. Completion of 30 hours of credit.			
Discipline Core Requirements:			4 Credits
RUS 2010	Intermediate Russian I LH		4
Elective Requirements:			18 Credits
Complete 18 hours of advisor-approved electives from the following, 9 credits must be upper-division:			18
HIST 3650	Imperial Russia--Autocracy to Opposition 1696-1917 (3)		
HIST 366G	The History of Modern Russia--1864 to Present GI (3)		
NSS 3350	The Cold War: Culture and Politics (3)		
POLS 3510	Post Soviet Politics WE (3)		
POLS 356G	Comparative Politics of Central Asia GI (3)		
RUS 202G	Intermediate Russian II HH GI (4)		
RUS 215R	Russian Conversation II (1)		
RUS 266G	Introduction to Russian Culture GI (3)		
RUS 3050	Advanced Russian LH (3)		
RUS 3030	Russian Conversation and Composition I (3)		
RUS 3200	Business Russian (3)		
RUS 3030	Russian Conversation and Composition I (3)		
RUS 3040	Russian Conversation and Composition II (3)		
RUS 3520	Russian Culture and Civilization (3)		
RUS 3620	Nineteenth-Century Russian Literature and Its Film Adaptations (3)		
RUS 366G	Twentieth Century Russian Culture GI (3)		
RUS 367G	History of Russian Film GI (3)		
RUS 4050	Special Problems in Grammar Usage and Style (3)		
RUS 4110	Translation and Interpretation (3)		
RUS 416G	Contemporary Russian Cinema GI (3)		
RUS 490R	Special Topics in Russian Studies (3)		

Russian Studies, Minor Careers

1. Read, write, and speak Russian at an intermediate to advanced low level.
2. Evaluate Russian culture within historical, social, political, and economic perspectives of Russia.
3. Interpret the semiotic meaning of Russian culture with a basic to advanced cross-cultural capacity.

Related Careers

- Area, Ethnic, and Cultural Studies Teachers, Postsecondary

Spanish for the Professions--Translation/Interpreting, Minor

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Requirements

Students in the Minor in Spanish for the Professions, Translation, and Interpreting will become familiar with Spanish terminology and different oral and written documents in Spanish from a variety of professional fields. This minor will also provide students with the opportunity to acquire translation and interpreting skills between Spanish and English.

Total Program Credits: 21

Matriculation Requirements:		
<ol style="list-style-type: none"> 1. Complete ENGL 2010 Intermediate Academic Writing CC and 30 hours of college-level courses other than Spanish with a minimum GPA of 2.0 2. Complete lower division Spanish courses (1010, 1020, 2010, and 202G) or receive the equivalent through experiential credit (does not apply to native speakers). 3. Admitted to a bachelor degree program at UVU. 		
Discipline Core Requirements:		15 Credits
Complete one of the following:		3
	SPAN 3030 Spanish Conversation and Composition I (3)	
and	SPAN 3040 Spanish Conversation and Composition II WE (3)	
or	SPAN 3050 Advanced Spanish LH WE (3)	
	SPAN 4110 Introduction to Translation and Interpreting English and Spanish	3
	SPAN 4120 Advanced Translation English-Spanish	3
	SPAN 4130 English-Spanish Interpreting (3)	
Choose 6 credit hours from the following:		6
	SPAN 3200 Business Spanish LH (3)	
	SPAN 3310 Spanish for Healthcare Professionals (3)	
	SPAN 3320 Spanish for Mental Health Professionals (3)	
	SPAN 3340 Spanish for Tourism and Hospitality Management (3)	
	SPAN 3350 Spanish for Legal Professions (3)	
	SPAN 4200 Advanced Business Spanish (3)	

SPAN 4310	Healthcare Interpreting English-Spanish (3)	
Elective Requirements:		6
Complete 6 credits from this list		
SPAN 3116	Pop Culture-Film/Media/Entertainment (3)	
SPAN 3117	Breaking Down Walls-Building Identities (3)	
SPAN 3118	Literature and Film-Contemporary issues (3)	
SPAN 315R	Advanced Spanish Conversation (1)	
SPAN 3220	Pronunciation Phonetics and Phonology (3)	
SPAN 351G	Culture and Civilization--Spain GI (3)	
SPAN 352G	Culture and Civilization--Spanish America GI (3)	
SPAN 3610	Spanish Peninsular Literature to 1800 (3)	
SPAN 3620	Spanish Peninsular Literature from 1800 (3)	
SPAN 3630	Spanish American Literature to 1880 (3)	
SPAN 3640	Spanish American Literature from 1880 (3)	
SPAN 3690	Spanish and Latin American Cultures through Cinema (3)	
SPAN 380R	Community Engagement in Spanish (3)	
SPAN 4050	Topics in Grammar Usage and Style WE (3)	
SPAN 4100	Teaching Spanish Grammar (3)	
SPAN 412R	Spanish for the Professions (3)	
SPAN 4130	English-Spanish Interpreting (3)	
SPAN 4410	Spanish Linguistics (3)	
SPAN 460R	Topics in Hispanic Literature (3)	
SPAN 484R	Special Topics in Hispanic Studies (1-3)	
SPAN 4900	Capstone Seminar (3)	
LANG 3000	Language and Culture LH (3)	
LANG 3010	Introduction to Linguistics (3)	
LANG 312R	National Cinema History (3)	
LANG 4200	Methods of Teaching a Foreign Language (3)	
LANG 450R	Translation Technology (3)	
LANG 481R	Language Internship (1-8)	
LANG 490R	Special Topics in Languages (1-3)	

Graduation Requirements:

1. Completion of Baccalaureate Degree.
2. Any grade below a "C" (2.0) in a Spanish Minor course will not be accepted.
3. Up to 6 credits may be applied to both this program and the B.A.in Spanish or Spanish Education.

Languages and Cultures

Spanish for the Professions--Translation/Interpreting, Minor Careers

1. Develop interpreting competencies.
2. Develop translation competencies.
3. Develop professional competencies for the language services industry.
4. Strengthen Spanish-English language skills for specific fields.

Related Careers

- Foreign Language and Literature Teachers, Postsecondary
- Interpreters and Translators

Spanish, Minor

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Requirements

This minor can be earned in conjunction with any Bachelor degree major that UVU offers. The minor consists of 18 credit hours of upper division coursework. There are some specific courses required and a number of electives so be sure to contact the advisor for more information.

Total Program Credits: 18

Matriculation Requirements:		
<ol style="list-style-type: none">1. Complete ENGL 2010 Intermediate Academic Writing CC and 30 hours of college-level courses other than Spanish with a minimum GPA of 2.02. Complete lower division Spanish courses (1010, 1020, 2010, and 202G) or receive the equivalent through experiential credit (does not apply to native speakers).3. Admitted to a bachelor degree program at UVU.		
Discipline Core Requirements:		18 Credits
	SPAN 3040 Spanish Conversation and Composition II WE	3
or	SPAN 3050 Advanced Spanish LH WE	
	SPAN 351G Culture and Civilization--Spain GI	3
or	SPAN 352G Culture and Civilization--Spanish America GI	
	SPAN 4050 Topics in Grammar Usage and Style WE	3
Complete 9 credits from any upper-division SPAN or LANG courses not previously taken.		9

Graduation Requirements:

1. Completion of Baccalaureate Degree.
2. Any grade below a "C" (2.0) in a Spanish Minor course will not be accepted.

ASL and Deaf Studies Education, B.A.

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Requirements

This four-year degree prepares students to teach ASL & Deaf Studies in secondary education (grades 7-12) settings. Students take major

courses from the Languages department and licensure courses through the School of Education. This degree requires separate application to the School of Education. Bachelor of Arts in ASL and Deaf Studies Education

Total Program Credits: 120

Matriculation Requirements:		
<ol style="list-style-type: none">1. ACT exam minimums: Composite 21, English 20, Math 19; or SAT exam minimums: Critical Read /Math 1000, with Math and Reading scores of 450; or If student has a bachelor degree or higher, he/she does not need to meet this testing requirement.2. GPA of 3.0 or higher with no grade lower than a C in content area courses.3. Completion of all General Education requirements and the majority of content area courses.4. Pass LiveScan Criminal Background Check.		
General Education Requirements:		36 Credits
	ENGL 1010 Introduction to Academic Writing CC	3
or	ENGL 1005 Literacies and Composition Across Contexts CC (5.0)	
	ENGL 2010 Intermediate Academic Writing CC	3
	MATH 1050 College Algebra QL	4
or	MATH 1055 College Algebra with Preliminaries QL (5.0)	
Choose one of the following:		3
	HIST 1700 American Civilization AS (3.0)	
	HIST 2700 US History to 1877 AS (3.0)	
and	HIST 2710 US History since 1877 AS (3.0)	
	POLS 1000 American Heritage SS (3.0)	
	POLS 1100 American National Government AS (3.0)	
	HIST 1740 US Economic History AS (3.0)	
Complete the following:		
	PHIL 2050 Ethics and Values IH	3
	HLTH 1100 Personal Health and Wellness TE	2
or	EXSC 1097 Fitness for Life TE (2.0)	
Distribution Courses:		
	Humanities Distribution	3
	Social/Behavioral Science	3
	Fine Arts Distribution	3
	Biology	3
	Physical Science	3
	Biology or Physical Science	3
Discipline Core Requirements:		68 Credits
Must be completed with a grade of B- or higher.		
	ASL 3050 Advanced American Sign Language ¹	3
	ASL 3310 Foundations of Interpreting	3
or	ASL 4410 ASL Linguistics (3.0)	
	ASL 3510 History of Deaf People to 1817	3
or	ASL 3520 History of Deaf People after 1817 (3.0)	
	ASL 3530 Modern Deaf Culture WE	3

	LANG 4200	Methods of Teaching a Foreign Language	3
	ASL 3610	ASL Literature I	3
	ASL 4610	ASL Literature II	3
Any other 3000+ class with an ASL or LANG prefix.			15
Education Courses:			
	EDEL 1010	Introduction to Education	2
	EDSC 3000	Educational Psychology	3
	EDSP 340G	Exceptional Students GI	2
	EDSC 325G	Equitable Technology Integration GI	2
	EDSC 4200	Classroom Management I (Dance Education majors take 4430 in place of EDSC 4200.)	2
	EDSC 4250	Classroom Management II	2
	EDSC 4440	Content Area Literacies (English Education majors take ENGL 4210, 4220, 4230 in place of EDSC 4440)	3
	EDSC 445G	Multicultural Instruction ESL GI	3
	EDSC 455G	Secondary Curriculum Instruction and Assessment GI	3
	EDSC 4850	Student Teaching Secondary	8
	EDSC 4990	Teacher Performance Assessment Project WE	2
Elective Requirements:			16 Credits
	Complete 16 credits of any courses 1000-level or higher.		16
Notes:			
1. Requires ASL skills equivalent to those expected at the completion of ASL 202G Intermediate American Sign Language II HH GI. See advisor for more information.			

Graduation Requirements:

1. Complete a minimum of 120 credit hours with a minimum of 40 upper-division credits.
2. Overall Grade of 3.0 (B) or above with no grade lower than a C or better in major required content courses and no grade lower than a B- in Licensure and Methods courses.
3. Completion of General Education, ASL & Deaf Studies core, and elective requirements.
4. Meet residency and maximum years in program requirements and any other requirements stated in the University Catalog or established by the department.
5. Successful completion of at least one Global/Intercultural course.

Notes:

1. Students should frequently review their program with faculty or department advisor.
2. Any grade below a C (2.0) in an ASL & Deaf Studies core or elective course will not be accepted toward the major. Students must maintain an overall GPA of 3.0 or higher and meet all other graduation requirements stipulated in the university catalog. Post-BA/BS students must take 30 hours of education courses, fulfill the MATH 1050 College Algebra QL or MATH 1055 College Algebra with Preliminaries QL requirement, and meet all stipulated deadlines.

ASL and Deaf Studies Education, B.A. Careers

Program Learning Outcomes

1. Student will be able to negotiate meaning with individuals via speaking, writing, or reading at the Advanced Mid rating of the ACTFL proficiency levels.
2. Students will be able to interpret meaning in either oral or written forms with no recourse to active negotiation of meaning with the writer, speaker, or producer at the Advanced Mid rating of the ACTFL proficiency levels.
3. Students will be able to create messages that can be interpreted by members of the target language with no recourse to active negotiation of meaning with the writer, speaker, or producer at the Advanced Mid rating of the ACTFL proficiency levels.
4. Students will be able to use cultural knowledge to conform linguistically and behaviorally in many social and work-related interactions at the Advanced Level of the ACTFL proficiency levels.
5. Students will be able to apply pedagogical/interpreting theories, knowledge & skills.

Related Careers

- Special Education Teachers, Preschool
- Special Education Teachers, Kindergarten and Elementary School
- Special Education Teachers, Middle School
- Special Education Teachers, Secondary School
- Special Education Teachers, All Other
- Interpreters and Translators

Deaf Studies - General Deaf Studies Emphasis, B.A.

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Requirements

This four-year degree is a liberal arts degree that provides in-depth study into all facets of the Deaf-World. Students choose among two emphases. There is no special application process, but for students to qualify for the Interpreting Studies emphasis, they will need to pass ASL 3060 American Sign Language Proficiency. Students should declare their major by contacting the academic advisor for the Languages Department.

The General Deaf Studies Emphasis provides an opportunity for students to gain advanced ASL skills and thorough knowledge of the Deaf-World. Graduates with this emphasis will be prepared to work in various fields related to deafness. They will also work in fields that are not specifically tied to the Deaf-World but which require the skills and knowledge cultivated through the acquisition of any liberal arts degree. This emphasis is also terrific preparation for graduate school in any number of disciplines.

Total Program Credits: 120

General Education Requirements:			35 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGL 1005	Literacies and Composition Across Contexts CC (5)	
	ENGL 2010	Intermediate Academic Writing CC	3
Choose one of the following:			3
	MAT 1030	Quantitative Reasoning QL (3)	

Languages and Cultures

	MAT 1035	Quantitative Reasoning with Integrated Algebra QL (3)	
	STAT 1040	Introduction to Statistics QL (3)	
	STAT 1045	Introduction to Statistics with Algebra QL (5)	
	MATH 1050	College Algebra QL (4)	
	MATH 1055	College Algebra with Preliminaries QL (5)	
	MATH 1090	College Algebra for Business QL (3)	
Choose one of the following:			3
	HIST 1700	American Civilization AS (3)	
	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	
	POLS 1000	American Heritage SS (3)	
	POLS 1100	American National Government AS (3)	
	HIST 1740	US Economic History AS (3)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
or	PHIL 205G	Ethics and Values IH GI	
	HLTH 1100	Personal Health and Wellness TE	2
or	EXSC 1097	Fitness for Life TE (2)	
Distribution Courses:			
	Fine Arts Distribution ²		3
	Humanities Distribution ¹		3
	Social/Cultural Anthropology Social Science ³		3
	Biology ⁴		3
	Physical Science ⁵		3
	Biology or Physical Science		3
Discipline Core Requirements:			35 Credits
	ASL 2030	Fingerspelling in American Sign Language	1
	ASL 2040	Numbers in American Sign Language ⁶	1
	ASL 3000	Technology for Deaf Studies	3
	ASL 3050	Advanced American Sign Language ⁷	3
	ASL 3310	Foundations of Interpreting	3
	ASL 3530	Modern Deaf Culture WE	3
	ASL 3610	ASL Literature	3
	ASL 385G	Audism/Linguicism/Oppression GI	3
	ASL 4410	American Sign Language Linguistics	3
	ASL 4550	Multicultural Deaf Lives	3
	ASL 4560	Deaf People and the Law	3
	ASL 4800	Recent Trends in Deaf Studies Theory WE	3
	LANG 3000	Language and Culture LH	3
Emphasis Requirements:			27 Credits
Complete the following courses:			

ASL 3510	History of Deaf People to 1817	3
ASL 3520	History of Deaf People after 1817	3
ASL 3710	Deaf Visual Arts	3
ASL 3750	Deaf Cinema	3
ASL 4450	Deaf World Discourse	3
ASL 4520	Deaf People and Disability Studies	3
ASL 4530	Deaf Peoples of the World	3
ASL 4610	ASL Literature II	3
ASL 4890	Deaf Studies Senior Capstone	3
Emphasis Elective Requirements:		23 Credits
Complete 9 credits of any ASL prefix 3000- or 4000-level courses that are not part of the core nor emphasis requirements.		9
Complete 14 credits from any courses. ASL 3340 and ASL 3390 are strongly recommended.		14
Notes:		
1. Highly recommend: COMM 1020 Public Speaking HH, PHIL 1000 Introduction to Philosophy HH or HUM 1010 Humanities Through the Arts HH.		
2. Highly recommend: DANC 1010 Dance as an Art Form FF.		
3. Highly recommend: ANTH 101G Social Cultural Anthropology SS GI, MGMT 1010 Introduction to Business SS, Or COMM 1050 Introduction to Communication SS.		
4. Highly recommend: ZOOL 1090 Introduction to Human Anatomy and Physiology BB or ZOOL 2320 Human Anatomy BB.		
5. Highly recommend: CHEM 1010 Introduction to Chemistry PP or PHYS 1010 Elementary Physics PP.		
6. Requires ASL skills equivalent to those expected at the completion of ASL 1020 Beginning American Sign Language II LH. See advisor for more information.		
7. Requires ASL skills equivalent to those expected at the completion of ASL 202G Intermediate American Sign Language II HH GI. See advisor for more information.		

Graduation Requirements :

- 120 credit hours (minimum of 40 upper division).
- Minimum cumulative G.P.A. of 2.0, with no grade lower than a "C" for all core and ASL elective requirements.
- Completion of General Education requirements.
- Completion of Deaf Studies major core and elective requirements.
- Completion of one of the two emphases.
- Residency hours--minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
- Successful completion of at least one Global/Intercultural course.
- Successful completion of at least two Writing Enriched courses.

Note: Students should frequently review their program with faculty or department advisor.

Deaf Studies - General Deaf Studies Emphasis, B.A. Careers

- Students will be able to identify the major features of and issues in Deaf communities and Deaf cultures at the Advanced Mid rating of the ACTFL proficiency levels.
- Students will be able to use digital media technologies to produce language and messages in video format that can be understood by members and users of the target language.
- Students will be able to analyze critically ways sociocultural history influences a Deaf individual's sense of self and relationship with others.
- Students will be able to describe communication between hearing people and Deaf people that is vital to society.

5. Students will be able to demonstrate an appreciation of deaf and hard of hearing people's contributions to the visual arts and humanities.
6. Students will be able to negotiate meaning with individuals via speaking, writing, or reading at the Advanced Mid rating of the ACTFL proficiency levels.
7. Students will be able to comprehend members of the target language and produce messages that can be interpreted and understood by said members at the Advanced Mid rating of the ACTFL proficiency levels.
8. Students will be able to use linguistic and cultural knowledge to encourage and influence advocacy strategies to foster deaf and hearing relations in their communities.
9. Students will be able to use cultural knowledge to conform linguistically and behaviorally in many social and work-related interactions at the Advanced Level of the ACTFL proficiency levels.

Related Careers

- Interpreters and Translators

Deaf Studies - Interpreting Emphasis, B.A.

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Requirements

This four-year degree is a liberal arts degree that provides in-depth study into all facets of the Deaf-World. Students choose among two emphases. There is no special application process, but for students to qualify for the Interpreting emphasis, they will need to pass ASL 3060 American Sign Language Proficiency. Students should declare their major by contacting the academic advisor for the Languages Department.

Currently there is a significant shortage of professional interpreters working with Deaf and hard-of-hearing American Sign Language-using populations across the United States. The Interpreting Emphasis provides training and focus for students to develop professional bidirectional interpreting skills for obtaining state, regional, and national interpreting certifications.

Total Program Credits: 120

General Education Requirements:		35 Credits
or	ENGL 1010 Introduction to Academic Writing CC	3
	ENGL 1010 Introduction to Academic Writing CC	3
	ENGL 2010 Intermediate Academic Writing CC	3
Choose one of the following:		3
	MAT 1030 Quantitative Reasoning QL (3)	
	MAT 1035 Quantitative Reasoning with Integrated Algebra QL (6)	
	STAT 1040 Introduction to Statistics QL (3)	
	STAT 1045 Introduction to Statistics with Algebra QL (5)	
	MATH 1050 College Algebra QL (4)	
	MATH 1055 College Algebra with Preliminaries QL (5)	
	MATH 1090 College Algebra for Business QL (3)	
Choose one of the following:		3
	HIST 1700 American Civilization AS (3)	

	HIST 2700 US History to 1877 AS (3)	
and	HIST 2710 US History since 1877 AS (3)	
	POLS 1000 American Heritage SS (3)	
	POLS 1100 American National Government AS (3)	
	HIST 1740 US Economic History AS (3)	
Complete the following:		
	PHIL 2050 Ethics and Values IH	3
or	PHIL 205G Ethics and Values IH GI	
	HLTH 1100 Personal Health and Wellness TE	2
or	EXSC 1097 Fitness for Life TE (2)	
Distribution Courses:		
	Fine Arts Distribution ²	3
	Humanities Distribution ¹	3
	Social/Cultural Anthropology Social Science ³	3
	Biology ⁴	3
	Physical Science ⁵	3
	Biology or Physical Science	3
Discipline Core Requirements:		35 Credits
	ASL 2030 Fingerspelling in American Sign Language	1
	ASL 2040 Numbers in American Sign Language ⁶	1
	ASL 3000 Technology for Deaf Studies	3
	ASL 3050 Advanced American Sign Language ⁷	3
	ASL 3310 Foundations of Interpreting	3
	ASL 3530 Modern Deaf Culture WE	3
	ASL 3610 ASL Literature	3
	ASL 385G Audism/Linguicism/Oppression GI	3
	ASL 4410 American Sign Language Linguistics	3
	ASL 4550 Multicultural Deaf Lives	3
	ASL 4560 Deaf People and the Law	3
	ASL 4800 Recent Trends in Deaf Studies Theory WE	3
	LANG 3000 Language and Culture LH	3
Emphasis Requirements:		39 Credits
Complete the following courses:		
	ASL 3320 Physiology of Interpreting	3
	ASL 3330 Cross Cultural Communication and Interpreting	3
	ASL 3350 Consecutive Interpreting	3
	ASL 3360 Simultaneous Interpreting	3
	ASL 3370 American Sign Language to English Interpreting	3
	ASL 3380 Transliteration	3
	ASL 3510 History of Deaf People to 1817	3
or	ASL 3520 History of Deaf People after 1817	3

Languages and Cultures

	ASL 4330	Visual Linguistic Analysis for Interpreters	3
	ASL 3340	Interpreting as a Profession	3
or	ASL 3390	Professional Issues in Interpreting	3
	ASL 4370	Ethics for Interpreters	3
Complete 6 credits from the following:			6
	ASL 4380	Applying Interpreting Skills to Coursework--Medical (3)	
or	ASL 4381	Applying Interpreting Skills to Coursework--Law (3)	
or	ASL 4382	Applying Interpreting Skills to Coursework--Education (3)	
or	ASL 4383	Applying Interpreting Skills to Coursework--Community (3)	
	LANG 481R	Language Internship	3
Emphasis Elective Requirements:			11 Credits
Complete 6 credits; Any 3000- or 4000-level ASL & Deaf Studies courses that are not part of the core and are not emphasis requirements. (ASL prefix courses are highly encouraged to further develop language skills.)			6
Complete 5 credits, preferably from courses with the following prefixes: ACC, AIST, AMST, ANTH, ARCH, ARTH, ASTR, BESC, BIOL, BMED, BOT, BTEC, CA, CHEM, CJ, CNST, COMM, CS, ECE, ECFS, ECON, EDEC, EDEL, EDSC, EDUC, ENGL, ENGR, ESEC, ES, FAMS, FAMT, FIN, FSCI, GEOG, GEO, HIST, HLTH, HUM, IM, INFO, LEGL, MATH, METO, MGMT, MICR, MKTG, NURS, NUTR, PHIL, PHYS, PJST, POLS, PSY, SOC, SOSOC, STAT, SUDC, SW, TECH, THEA, ZOOL			5
Notes:			
<ol style="list-style-type: none"> Highly recommend: COMM 1020 Public Speaking HH, PHIL 1000 Introduction to Philosophy HH or HUM 1010 Humanities Through the Arts HH. Highly recommend: DANC 1010 Dance as an Art Form FF Highly recommend: ANTH 101G Social Cultural Anthropology SS GI or MGMT 1010 Introduction to Business SS or COMM 1050 Introduction to Communication SS Highly recommend: ZOOL 1090 Introduction to Human Anatomy and Physiology BB or ZOOL 2320 Human Anatomy BB Highly recommend: CHEM 1010 Introduction to Chemistry PP or PHYS 1010 Elementary Physics PP Requires ASL skills equivalent to those expected at the completion of ASL 1020 Beginning American Sign Language II LH. See advisor for more information. Requires ASL skills equivalent to those expected at the completion of ASL 202G Intermediate American Sign Language II HH GI. See advisor for more information. 			

Graduation Requirements:

- 120 credit hours (minimum of 40 upper division).
- Minimum cumulative G.P.A. of 2.0, with no grade lower than a "C" for all core and ASL elective requirements.
- Completion of General Education requirements.
- Completion of Deaf Studies major core and elective requirements.
- Completion of one of the two emphases.
- Residency hours--minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
- Successful completion of at least one Global/Intercultural course.
- Successful completion of at least two Writing Enriched courses.

Note: Students should frequently review their program with faculty or department advisor.

Deaf Studies - Interpreting Emphasis, B.A. Careers

- Students will be able to produce, negotiate, and interpret meaning linguistically (original or abstract) with members of the target language via signing, speaking, writing, or reading at the Advanced Mid rating of the ACTFL proficiency levels.
- Students will be able to demonstrate linguistic and professional usage of the interpreting process in a culturally appropriate manner.
- Students will be able to pragmatically apply interpreting theories, knowledge and skills in decision-making tasks.
- Students will be able to negotiate meaning with individuals via speaking, writing, or reading at the Advanced Mid rating of the ACTFL proficiency levels.
- Students will be able to comprehend members of the target language and produce messages that can be interpreted and understood by said members at the Advanced Mid rating of the ACTFL proficiency levels.
- Students will be able to use cultural knowledge to encourage and influence advocacy strategies to foster deaf and hearing relations in their communities.
- Students will be able to use cultural knowledge to conform linguistically and behaviorally in many social and work-related interactions at the Advanced Level of the ACTFL proficiency levels.

Related Careers

- Interpreters and Translators

French Education, B.A.

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Requirements

This four-year degree prepares students to teach French in secondary education settings. It also prepares students to qualify for the Dual Language Immersion (DLI) Endorsement. Students take major courses from the Department of Languages and Cultures and licensure and endorsement courses through the School of Education. This degree requires separate application to the School of Education.

Total Program Credits: 120

Matriculation Requirements:			
<ol style="list-style-type: none"> ENGL 2010 and MATH QL courses must have a grade C or higher. GPA of 3.0 or higher with no grade lower than a C in content area courses. Completion of all General Education requirements and 70% of content area courses. Pass LiveScan Criminal Background Check. Exit interview with French Program Director. Other requirements as determined by the Department of Languages and Cultures 			
General Education Requirements:			35 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGL 1005	Literacies and Composition Across Contexts CC (5)	
	ENGL 2010	Intermediate Academic Writing CC	3
Choose one of the following:			4

	MATH 1050	College Algebra QL (4)	
	MATH 1055	College Algebra with Preliminaries QL (5)	
	MATH 1090	College Algebra for Business QL (3)	
	MAT 1030	Quantitative Reasoning QL (3)	
	MAT 1035	Quantitative Reasoning with Integrated Algebra QL (6)	
	STAT 1040	Introduction to Statistics QL (3)	
	STAT 1045	Introduction to Statistics with Algebra QL (5)	
Choose one of the following:			3
	HIST 1700	American Civilization AS (3)	
	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	
	POLS 1000	American Heritage SS (3)	
	POLS 1100	American National Government AS (3)	
	HIST 1740	US Economic History AS (3)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
	HLTH 1100	Personal Health and Wellness TE	2
or	EXSC 1097	Fitness for Life TE (2)	
Distribution Courses:			
	Biology		3
	Social/Behavioral Science		3
	Humanities Distribution (non-language courses only)		3
	Physical Science		3
	Biology or Physical Science		3
	Fine Arts Distribution		3
Discipline Core Requirements:			56 Credits
	FREN 3050	Advanced French LE WE	3
	FREN 4050	Special Topics in Grammar Usage and Style	3
	FREN 3610	French Literature to 1700	3
	FREN 351G	Culture and Civilization to 1700 GI	3
or	FREN 352G	Culture and Civilization from 1700 GI (3)	
	FREN 3620	French Literature from 1700 WE	3
	FREN 4900	French Capstone Seminar	3
	FREN 4100	Teaching French Grammar	3
	LANG 4200	Methods of Teaching a Foreign Language	3
Education Courses:			
	EDSC 1010	Introduction to Education	2
	EDSP 340G	Exceptional Students GI	2
	EDSC 3000	Educational Psychology	3
	EDSC 325G	Equitable Technology Integration GI	2
	EDSC 4200	Classroom Management I	2
	EDSC 4440	Content Area Literacies	3
	EDSC 445G	Multicultural Instruction ESL GI	3

	EDSC 455G	Secondary Curriculum Instruction and Assessment GI	3
	EDSC 4850	Student Teaching Secondary	8
	EDSC 4990	Teacher Performance Assessment Project WE	2
	EDSC 4250	Classroom Management II	2
Elective Requirements:			29 Credits
14 credits --Any course numbered 1000 or higher			14
Complete 15 credits of any upper division FREN or LANG courses not previously taken.			15

Graduation Requirements:

1. Complete a minimum of 120 credit hours with a minimum of 40 upper-division credits.
2. Overall grade of 3.0 (B) or above with no grade lower than a C or better in major required content courses and no grade lower than a B- in Licensure and Methods courses.
3. Completion of General Education, French core, and elective requirements.
4. Residency hours--minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
5. Successful completion of at least one Global / Intercultural course.

French Education, B.A.

Careers

1. Fluent in the target language, which includes being able to discuss (and respond to) the cultures associated with the target language ("cultural fluency");
2. Able to align all lessons and pedagogical practices with the ACTFL Standards;
3. Knowledgeable on effective classroom practices as they relate to the instruction of French and French and Francophone cultures at the secondary level;
4. Effectively participate in a community of teachers and learners in a secondary school setting, which includes being able to demonstrate the knowledge, skills, and abilities expected of a French teacher at the secondary level, as defined by the School of Education and the Department of Languages and Cultures.
5. Students will be able to use content specific L2 pedagogical approaches in the second language classroom to teach reading, writing, listening, and speaking skills that align with ACTFL standards.

Related Careers

- Education Teachers, Postsecondary
- Foreign Language and Literature Teachers, Postsecondary
- Middle School Teachers, Except Special and Career/Technical Education
- Secondary School Teachers, Except Special and Career/Technical Education

Spanish Education, B.A.

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Requirements

This four-year degree prepares students to teach Spanish in Secondary education (grades 7-12) settings. Students take major courses from the Languages and Cultures department and licensure courses through the

Languages and Cultures

School of Education. This degree requires separate application to the School of Education.

Total Program Credits: 120

Matriculation Requirements:		
1. ENGL and MATH QL courses must have a grade C or higher. 2. GPA of 3.0 or higher with no grade lower than a C in content area courses. 3. Completion of all General Education requirements and 70% of content area courses. 4. Pass LiveScan Criminal Background Check. 5. Requirements by the Department of Languages: a) Complete the Spanish controlled writing sample, b) Complete a video of you teaching a lesson in Spanish, c) ACTFL OPI test with a score of Advanced Low or higher.		
General Education Requirements:		35 Credits
	ENGL 1010 Introduction to Academic Writing CC	3
or	ENGL 1005 Literacies and Composition Across Contexts CC (5)	
	ENGL 2010 Intermediate Academic Writing CC	3
Choose one of the following:		3
	MATH 1050 College Algebra QL (4)	
	MATH 1055 College Algebra with Preliminaries QL (5)	
	MAT 1030 Quantitative Reasoning QL (3)	
	MAT 1035 Quantitative Reasoning with Integrated Algebra QL (6)	
	MATH 1090 College Algebra for Business QL (3)	
	STAT 1040 Introduction to Statistics QL (3)	
	STAT 1045 Introduction to Statistics with Algebra QL (5)	
Choose one of the following:		3
	HIST 1700 American Civilization AS (3)	
	HIST 2700 US History to 1877 AS (3)	
and	HIST 2710 US History since 1877 AS (3)	
	POLS 1000 American Heritage SS (3)	
	POLS 1100 American National Government AS (3)	
	HIST 1740 US Economic History AS (3)	
Complete the following:		
	PHIL 2050 Ethics and Values IH	3
	HLTH 1100 Personal Health and Wellness TE	2
or	EXSC 1097 Fitness for Life TE (2)	
Distribution Courses:		
	Humanities Distribution (non-language courses only)	3
	Social/Behavioral Science	3
	Fine Arts Distribution	3
	Biology	3
	Physical Science	3
	Biology or Physical Science	3
Discipline Core Requirements:		56 Credits
	SPAN 3040 Spanish Conversation and Composition II LH WE	3

or	SPAN 3050	Advanced Spanish LH WE (3)	
	SPAN 351G	Culture and Civilization--Spain GI	3
or	SPAN 352G	Culture and Civilization--Spanish America GI (3)	
ACTFL Oral Proficiency Interview (OPI) Score of Advanced Low or higher.			
	SPAN 4050	Special Topics in Grammar Usage and Style WE	3
Any two upper division Spanish Literature courses			6
	SPAN 4100	Teaching Spanish Grammar	3
	SPAN 4900	Capstone Seminar	3
	LANG 4200	Methods of Teaching a Foreign Language	3
Education Courses:			
	EDSC 1010	Introduction to Education	2
	EDSP 340G	Exceptional Students GI	2
	EDSC 3000	Educational Psychology	3
	EDSC 325G	Equitable Technology Integration GI	2
	EDSC 4200	Classroom Management I	2
	EDSC 4250	Classroom Management II	2
	EDSC 4440	Content Area Literacies	3
	EDSC 445G	Multicultural Instruction ESL GI	3
	EDSC 455G	Secondary Curriculum Instruction and Assessment GI	3
	EDSC 4850	Student Teaching Secondary	8
	EDSC 4990	Teacher Performance Assessment Project WE	2
Elective Requirements:			29 Credits
Complete 18 credits of any upper-division SPAN or LANG courses not previously taken.			18
Complete 11 credits of any courses 1000-level or higher.			11

Graduation Requirements:

1. Complete a minimum of 120 credit hours with a minimum of 40 upper-division credits.
2. Overall Grade of 3.0 (B) or above with no grade lower than a C or better in major required content courses and no grade lower than a B- in Licensure and Methods courses.
3. Completion of General Education, Spanish core, and elective requirements.
4. Meet residency and maximum years in program requirements and any other requirements stated in the College Catalog or established by the department.
5. Successful completion of at least one Global/Intercultural course.

NOTES: Students should frequently review their program with faculty or department advisor.

Post-BA/BS students must take 30 hours of education courses, fulfill the Math 1050 requirement, and meet all stipulated deadlines.

Spanish Education, B.A. Careers

1. Student will be able to negotiate meaning with individuals via speaking, writing, or reading at the Advanced Mid rating of the ACTFL proficiency levels.
2. Students will be able to interpret meaning in either oral or written forms with no recourse to active negotiation of meaning with the

writer, speaker, or producer at the Advanced Mid rating of the ACTFL proficiency levels.

3. Students will be able to create messages that can be interpreted by members of the target language with no recourse to active negotiation of meaning with the writer, speaker, or producer at the Advanced Mid rating of the ACTFL proficiency levels
4. Students will be able to use cultural knowledge to conform linguistically and behaviorally in many social and work-related interactions at the Advanced Level of the ACTFL proficiency levels.
5. Students will be able to apply pedagogical theories, knowledge and skills.

Related Careers

- Education Teachers, Postsecondary
- Foreign Language and Literature Teachers, Postsecondary
- Middle School Teachers, Except Special and Career/Technical Education
- Secondary School Teachers, Except Special and Career/Technical Education

Spanish, B.A.

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Requirements

This four-year degree is a liberal arts degree that provides in-depth study into all facets of the Spanish language and culture. There is no special application process, but students should declare their major by contacting the academic advisor for the Languages department.

Total Program Credits: 120

General Education Requirements:		35 Credits
or	ENGL 1010 Introduction to Academic Writing CC	3
	ENGL 1010 Introduction to Academic Writing CC	3
	ENGL 2010 Intermediate Academic Writing CC	3
Choose one of the following:		3
	MAT 1030 Quantitative Reasoning QL (3)	
	MAT 1035 Quantitative Reasoning with Integrated Algebra QL (6)	
	STAT 1040 Introduction to Statistics QL (3)	
	STAT 1045 Introduction to Statistics with Algebra QL (5)	
	MATH 1050 College Algebra QL (4)	
	MATH 1055 College Algebra with Preliminaries QL (5)	
	MATH 1090 College Algebra for Business QL (3)	
Choose one of the following:		3
	HIST 1700 American Civilization AS (3)	
	HIST 2700 US History to 1877 AS (3)	
and	HIST 2710 US History since 1877 AS (3)	
	POLS 1000 American Heritage SS (3)	
	POLS 1100 American National Government AS (3)	
	HIST 1740 US Economic History AS (3)	

Complete the following:		
	PHIL 2050 Ethics and Values IH	3
	HLTH 1100 Personal Health and Wellness TE	2
or	EXSC 1097 Fitness for Life TE (2)	
Distribution Courses		
	Humanities Distribution (non-language courses only)	3
	Social/Behavioral Science	3
	Fine Arts Distribution	3
	Biology	3
	Physical Science	3
	Biology or Physical Science	3
Discipline Core Requirements:		18 Credits
	SPAN 3030 Spanish Conversation and Composition I	3
and	SPAN 3040 Spanish Conversation and Composition II WE (6)	
or	SPAN 3050 Advanced Spanish LH WE (3)	
	SPAN 351G Culture and Civilization--Spain GI	3
or	SPAN 352G Culture and Civilization--Spanish America GI (3)	
	SPAN 3060 Oral Proficiency (1)	
or	Oral Proficiency Interview (OPI)	
	SPAN 4050 Topics in Grammar Usage and Style WE	3
	SPAN 4900 Capstone Seminar	3
	Any two upper division Spanish literature courses	6
Elective Requirements:		67 Credits
	Complete 18 credits of any upper-division SPAN or LANG courses not previously taken.	18
	Any course 1000 level or higher (includes SPAN 1010-SPAN 1020-SPAN 2010-SPAN 202G)	49

Graduation Requirements:

1. 120 credit hours (minimum of 40 upper division)
2. Minimum cumulative G.P.A. of 2.0, with no grade lower than a "C" for all core and SPAN elective requirements.
3. Completion of General Education requirements.
4. Completion of Spanish major core and elective requirements.
5. Residency hours--minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
6. Successful completion of at least one Global/Intercultural course.
7. Students should frequently review their program with faculty or department advisor.

Spanish, B.A.

Careers

1. Student will be able to negotiate meaning with individuals via speaking, writing, reading or signing at the Advanced Mid rating of the ACTFL proficiency levels.
2. Students will be able to interpret meaning in either oral, written or visual form with no recourse to active negotiation of meaning with the writer, speaker, or producer at the Advanced Mid rating of the ACTFL proficiency levels.
3. Students will be able to create messages that can be interpreted by members of the target language with no recourse to active

Languages and Cultures

negotiation of meaning with the writer, speaker, or producer at the Advanced Mid rating of the ACTFL proficiency levels.

4. Student will be able to use cultural knowledge to conform linguistically and behaviorally in many social and work-related interactions at the Advanced Rating of the ACTFL Cultural Awareness descriptor.

Related Careers

- Interpreters and Translators
- Foreign Language and Literature Teachers, Postsecondary
- Secondary School Teachers, Except Special and Career/Technical Education
- Interpreters and Translators

Literacies and Composition

DEPARTMENT CHAIR

HILST, Joshua *Associate Professor*

FACULTY

BENDER, Melinda A. *Professor*

DUTTAGUPTA, Chitralekha *Associate Professor*

HENRY, Thomas *Associate Professor*

HILST, Joshua *Associate Professor*

HIXON-BOWLES, Kelsey *Assistant Professor*

JOHNSON, Erika T. *Assistant Professor*

PRESTON, Jacqueline *Associate Professor*

Marketing

DEPARTMENT CHAIR

MURDOCK, Mitchel R. *Assistant Professor*

FACULTY

AHMMAD, Kamal *Assistant Professor*

ALVARADO-KARSTE, Diego *Assistant Professor*

ANDERSEN, Richelle *Lecturer*

BENSON, David M. *Lecturer*

BETTRIDGE, Amy *Lecturer*

FARNWORTH, Xanthe *Lecturer*

GRIFFIN, Brigham K. *Professional in Residence*

HARDING, R. Dustin *Assistant Professor*

HAWKES, Joshua *Lecturer*

HUFF, Steven *Associate Professor*

JOHNSON, Gary *Professional In Residence*

JOLLEY, A. Dale *Professional in Residence*

LAWSON, Kimberli *Lecturer*

MAXFIELD, Neal *Lecturer*

MCPHERSON, Michelle *Lecturer*

MURDOCK, Mitchel R. *Assistant Professor*

PRZYBYLA, David *Professional in Residence*

SARAVADE, Swapnil *Assistant Professor*

SCHILL, Ryan *Visiting Assistant Professor*

SKOUSEN, Bret *Professional in Residence*

STUDEBAKER, Matt J. *Lecturer*

Degrees & Programs

Digital Marketing, Certificate of Proficiency

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Requirements

The Certificate of Proficiency in Digital Marketing includes courses that teach social media marketing, digital advertising, web analytics, content and email marketing, and conversion optimization. Certification signals digital marketing capability to current employers. The certificate provides an opportunity for professionals to retool and stay current with ever-changing industry trends.

Total Program Credits: 18

Discipline Core Requirements:		18 Credits
MGMT 2400	Data Analytics for Business ¹	3
MKTG 3600	Principles of Marketing	3
MKTG 3660	Digital Marketing	3
MKTG 3170	Digital Advertising	3
MKTG 3680	Marketing with Social Media	3
MKTG 3690	Digital Marketing Analytics	3

Notes:

1. Can be taken simultaneously with MKTG 3600.

Graduation Requirements:

1. Completion of a minimum of 18 semester credits.
2. Overall grade point average of 2.0 (C-) or above.
3. Residency hours-- minimum of 3 credit hours through course attendance at UVU.

Digital Marketing, Certificate of Proficiency Careers

1. Analyze quantitatively and qualitatively market conditions to gain insights that inform marketing strategy and campaigns.
2. Develop effective marketing plans and campaigns that account for customer differences and preferences, competition, and the impact of other important market factors.
3. Create digital marketing campaigns with appropriate use of digital advertising, social media, and web analytics.

Product Management, Certificate of Proficiency

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Requirements

The Certificate of Proficiency in Product Management includes courses that teach product management, marketing research, data collection and analysis, marketing fundamentals, customer behavior, and services marketing including SaaS marketing. Certification signals product management capability to current employers. The certificate provides an opportunity for professionals to retool and stay current with ever-changing industry trends.

Total Program Credits: 18

Discipline Core Requirements:		18 Credits
MGMT 2400	Data Analytics for Business ¹	3
MKTG 3600	Principles of Marketing	3
MKTG 3700	Fundamentals of Product Management	3
MKTG 3630	Services Marketing	3
MKTG 3620	Consumer Behavior	3
MKTG 4600	Customer Experience	3

Notes:

1. Can be taken simultaneously with MKTG 3600.

Graduation Requirements:

1. Completion of a minimum of 18 semester credits.
2. Overall grade point average of 2.0 (C-) or above.
3. Residency hours-- minimum of 6 credit hours through course attendance at UVU.

Product Management, Certificate of Proficiency Careers

Program Learning Outcomes

1. Analyze quantitatively and qualitatively customer needs that inform product development.
2. Determine which firm constraints should inform product development.
3. Create customer personas and journey maps supporting product development.
4. Communicate effectively with customers, designers, developers, engineers, and other product stakeholders in the product development effort.

Related Careers

- Advertising and Promotions Managers
- Marketing Managers
- Sales Managers
- Market Research Analysts and Marketing Specialists
- Business Teachers, Postsecondary

Professional Sales, Certificate of Proficiency

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Requirements

A Certificate of Proficiency in Professional Sales at UVU offers an applied approach to professional sales. The certificate focuses on developing the knowledge and skills necessary to be able to be successful in a professional sales environment with a focus on business to business sales. Courses specialize in personal selling skills, sales coaching and sales management, sales analytics and sales strategy, along with a sales-centered internship.

Total Program Credits: 18

Discipline Core Requirements:			18 Credits
	MGMT 2400	Data Analytics for Business ¹	3
	MKTG 3600	Principles of Marketing	3
	MKTG 3650	Professional Selling	3
	MKTG 3640	Sales Management	3
	MKTG 4610	Sales Operations	3
	MKTG 4620	Advanced Professional Selling	3
Notes:			
1. Can be taken simultaneously with MKTG 3600.			

Graduation Requirements:

1. Completion of a minimum of 18 semester credits.
2. Overall grade point average of 2.0 (C-) or above.
3. Residency hours-- minimum of 6 credit hours through course attendance at UVU.

Professional Sales, Certificate of Proficiency Careers

1. Demonstrate effective prospecting and approach skills using customer-centric professional selling principles.
2. Develop an effective sales management plan for organizing, staffing, training, and motivating a sales force.
3. Evaluate the effectiveness of a sales funnel implemented using industry standard tools.
4. Demonstrate effective execution of the entire sales process, from research to close, with real-life products and prospects.

Related Careers

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Marketing, Minor

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Requirements

The Marketing Department offers students three different tracks in the marketing minor, each providing a theoretical and in-depth professional preparation in the field. The first is the Marketing Management track, which provides a broad base of experiential classes and the most flexibility in scheduling for employed students. The second is the Digital Marketing track, which provides courses in internet marketing, social media, and web analytics. The newest track is Professional Selling, which prepares students for a career in sales with courses in personal selling, sales management, and sales analytics. Whichever track is chosen, a professional internship is highly encouraged.

Total Program Credits: 18

Discipline Core Requirements:			18 Credits
	MGMT 2400	Data Analytics for Business	3
	MKTG 3600	Principles of Marketing	3
	MKTG 4600	Customer Experience	3
	MKTG 3650	Professional Selling	3
	MKTG 3660	Digital Marketing	3
	MKTG 3700	Fundamentals of Product Management	3

Marketing, Minor Careers

1. Analyze quantitatively and qualitatively market conditions for insights that inform marketing strategy, campaigns, and plans.
2. Develop an effective marketing plans that accounts for customer differences and preferences, competition, and the impact of other relevant market factors.
3. Improve a customer solution through the effective use of product management best practices.
4. Recommend digital marketing campaign improvements in the areas of digital advertising and social media.
5. Demonstrate an effective sales approach using customer-centric sales principles.

Related Careers

- Advertising and Promotions Managers
- Marketing Managers
- Sales Managers
- Market Research Analysts and Marketing Specialists
- Business Teachers, Postsecondary

Digital Marketing, B.S.

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Requirements

The Digital Marketing major at UVU offers an analytical, applied, engaged-learning approach to digital marketing. Students learn a balance of marketing strategy, content creation, graphic design, and website/social media analytics for marketing campaigns. The digital marketing major offers an expanding menu of beginning and advanced courses that allow students to use their digital marketing skills for live engaged-learning clients.

Total Program Credits: 120

Matriculation Requirements:	
1.	Students will be limited to 9 hours of upper-division credit until matriculation is completed.

Marketing

2. Students must complete the following courses in order to matriculate: ACC 2110 Principles of Accounting I, ECON 2010 Principles of Economics I SS, MyEducator or IM 2600 Spreadsheet Applications, MKTG 220G Written Business Communication GI WE, MKTG 2390 Professional Business Presentations, MGMT 2340 Business Statistics I, MGMT 2400 Data Analytics for Business		
3. Students cannot take the following courses until they have matriculated: FIN 3100 Principles of Finance, MGMT 3450 Operations Management, MKTG 4150 Digital Marketing Capstone, MGMT 4860 Business Strategy Formulation and Implementation		
General Education Requirements:		35 Credits
	ENGL 1010 Introduction to Academic Writing CC	3
or	ENGL 1005 Literacies and Composition Across Context CC (5)	
	ENGL 2010 Intermediate Academic Writing CC	3
Complete one of the following:		3
	MATH 1050 College Algebra QL (4)	
	MATH 1055 College Algebra with Preliminaries QL (5)	
	MATH 1090 College Algebra for Business QL (3)	
An Advanced Placement (AP) Mathematics Test with a score of 3 or higher		
Complete one of the following:		3
	HIST 2700 US History to 1877 AS (3)	
and	HIST 2710 US History since 1877 AS (3)	
	HIST 1700 American Civilization AS (3)	
	HIST 1740 US Economic History AS (3)	
	POLS 1000 American Heritage SS (3)	
	POLS 1100 American National Government AS (3)	
Complete the following:		
	PHIL 2050 Ethics and Values IH	3
	HLTH 1100 Personal Health and Wellness TE (2)	
or	EXSC 1097 Fitness for Life TE	2
Distribution Courses:		
	ECON 2010 Principles of Economics I SS (fulfills Social/Behavioral Science credit)	3
	Biology	3
	Physical Science	3
	Additional Biology or Physical Science	3
	Humanities	3
	Fine Arts	3
Discipline Core Requirements:		55 Credits
Business Foundation Courses:		
	ACC 2110 Principles of Accounting I	3
	My Educator ²	
or	IM 2010 Business Computer Proficiency (3)	
or	IM 2600 Spreadsheet Applications (3)	
Complete the following:		

	MKTG 220G	Written Business Communication GI WE (Complete with B- grade or higher)	3
	MGMT 2340	Business Statistics I	3
	MGMT 2400	Data Analytics for Business	3
	MKTG 2390	Professional Business Presentations	3
Business Core Courses:			
	FIN 3100	Principles of Finance ¹	3
	MKTG 3600	Principles of Marketing	3
	MGMT 3000	Organizational Behavior WE	3
	MGMT 3450	Operations Management ¹	3
	MGMT 4860	Business Strategy Formulation and Implementation ¹	3
	ENTR 493R	Entrepreneurship Lecture Series	1
or	MGMT 495R	Executive Lecture Series (1)	
Digital Marketing Core:			
	MKTG 1890	Introduction to Careers in Business	1
	MKTG 3890	Business Career Preparation	2
	MKTG 3300	Marketing Analytics	3
	MKTG 3660	Digital Marketing	3
	MKTG 3170	Digital Advertising	3
	MKTG 3680	Marketing with Social Media	3
	MKTG 3690	Digital Marketing Analytics	3
	MKTG 4150	Digital Marketing Capstone ¹	3
	MKTG 483R	Digital Marketing Internship (1-3 credits)	3
Elective Requirements:			30 Credits
Marketing Electives: Select from approved list; see advisors (15 credits needed)			15
General Electives: Any course numbered 1000 or higher. (15 credits needed)			15
Notes:			
1. Cannot be taken until student is matriculated. 2. Students are required to complete My Educator, IM 2010, or IM 2600 with a grade of B- or higher.			

Graduation Requirements:

1. Completion of a minimum of 120 semester credits required in the BS degree; at least 40 credit hours must be upper-division courses.
2. Overall grade point average 2.0 or above with a minimum of 2.5 GPA in all Woodbury School of Business courses. No grade lower than a "C-" in core and specialization courses.
3. Residency hours: Minimum of 30 credit hours of business courses through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
4. Completion of GE and specified departmental requirements. Students are responsible for completing all prerequisite courses.
5. Successful completion of at least one Global/Intercultural course.

NOTE: Students will be limited to 9 hours of upper-division credit until MATRICULATION is completed.

Digital Marketing, B.S.

Careers

1. Analyze quantitatively and qualitatively market conditions for insights that inform marketing strategy, campaigns, and plans.
2. Develop effective marketing plans and campaigns that account for customer differences and preferences, competition, and the impact of other relevant market factors.
3. Create digital marketing campaigns that include effective use of digital advertising, social media, and analytics.
4. Coordinate a significant team marketing project for a business client.
5. Communicate analysis, decisions, campaigns, and plans to stakeholders effectively.

Related Careers

- Marketing Managers

Marketing, B.A.

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Requirements

The Marketing Department offers students three different tracks each providing a theoretical and in-depth professional preparation in the field. The first is the Marketing Management track which provides a broad base of experiential classes and the most flexibility in scheduling for employed students. The second is the Digital Marketing track which provides courses in internet marketing, social media, and web analytics. The newest track is Sales which prepares students for a career in sales with courses in personal selling, sales management, and sales analytics. Whichever track is chosen, a professional internship is highly encouraged.

Total Program Credits: 120

Matriculation Requirements		
<ol style="list-style-type: none"> 1. Students will be limited to 9 hours of upper-division credit until matriculation is completed. 2. Students must complete the following courses in order to matriculate: ACC 2110, ECON 2010, MyEducator or IM 2010 or IM 2600, MKTG 220G, MKTG 2390, MGMT 2340, MGMT 2400. 3. Students cannot take the following courses until they have matriculated: FIN 3100, MGMT 3450, MGMT 4860, MKTG 4650. 		
General Education Requirements:		36 Credits
	ENGL 1010 Introduction to Academic Writing CC	3
or	ENGL 1005 Literacies and Composition Across Contexts CC (5)	
	ENGL 2010 Intermediate Academic Writing CC	3
Complete one of the following:		3
	MATH 1050 College Algebra QL (4)	
	MATH 1055 College Algebra with Preliminaries QL (5)	
	MATH 1090 College Algebra for Business QL (3)	
An Advanced Placement (AP) Mathematics Test with a score of 3 or higher		
Complete one of the following:		3
	HIST 2700 US History to 1877 AS (3)	
and	HIST 2710 US History since 1877 AS (3)	
	HIST 1700 American Civilization AS (3)	

	HIST 1740	US Economic History AS (3)	
	POLS 1000	American Heritage SS (3)	
	POLS 1100	American National Government AS (3)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
	HLTH 1100	Personal Health and Wellness TE (2)	
or	EXSC 1097	Fitness for Life TE	2
Distribution Courses:			
	ECON 2010	Principles of Economics I SS (fulfills Social/Behavioral Science credit)	3
	Biology		3
	Physical Science		3
	Additional Biology or Physical Science		3
	Humanities Distribution (Any Foreign Language 202G/2020 course)		4
	Fine Arts Distribution		3
Discipline Core Requirements:			52 Credits
Business Foundation Courses:			
	ACC 2110	Principles of Accounting I	3
	My Educator ²		
or	IM 2010	Business Computer Proficiency (3) ²	
or	IM 2600	Spreadsheet Applications (3) ²	
Complete the following:			
	MGMT 2340	Business Statistics I	3
	MKTG 220G	Written Business Communication GI WE (Complete with a B- grade or higher)	3
	MKTG 2390	Professional Business Presentations	3
	MGMT 2400	Data Analytics for Business	3
Business Core Courses:			
	FIN 3100	Principles of Finance ¹	3
	MGMT 3450	Operations Management ¹	3
	MGMT 3000	Organizational Behavior WE	3
	MKTG 3600	Principles of Marketing	3
	ENTR 493R	Entrepreneurship Lecture Series (1)	
or	MGMT 495R	Executive Lecture Series	1
	MGMT 4860	Business Strategy Formulation and Implementation ¹	3
Marketing Core Courses:			
	MKTG 1890	Introduction to Careers in Business	1
	MKTG 3890	Business Career Strategy	2
	MKTG 3300	Marketing Analytics	3
	MKTG 3650	Professional Selling	3
	MKTG 3660	Digital Marketing	3
	MKTG 3700	Fundamentals of Product Management	3
	MKTG 4600	Customer Experience	3
	MKTG 4650	Marketing Management Capstone ¹	3

Marketing

Elective Requirements:		32 Credits
Complete 15 credits of marketing electives from the following list:		15
MKTG 3170	Digital Advertising (3)	
MKTG 3220	Retail Management (3)	
MKTG 335G	International Marketing GI (3)	
MKTG 3460	Internal Marketing and Corporate Imaging (3)	
MKTG 3620	Consumer Behavior (3)	
MKTG 3630	Services Marketing (3)	
MKTG 3640	Sales Management (3)	
MKTG 3670	Advertising and Promotion (3)	
MKTG 3680	Marketing with Social Media (3)	
MKTG 3685	Content Marketing (3)	
MKTG 3690	Digital Marketing Analytics (3)	
MKTG 4300	Marketing Data Science (3)	
MKTG 4400	Competitive Intelligence (3)	
MKTG 4610	Sales Operations (3)	
MKTG 4620	Advanced Professional Selling (3)	
MKTG 459R	Advanced Topics in Marketing (3)	
Complete 3 credits of internship:		3
MKTG 481R	Marketing Internship (1-3) ³	
MKTG 482R	Sales Internship (1-4) ³	
MKTG 483R	Digital Marketing Internship (1-3) ³	
Complete 12 credits of any foreign language course 1010, 1020, 2010 sequence		12
Complete 2 elective credits 1000 or higher.		2
Notes:		
1. Cannot be taken until student is matriculated. 2. Students will be required to complete My Educator with 80% or higher or IM 2010, or IM 2600 with a grade of B- or higher 3. Maximum of 3 credits of internship count toward marketing electives.		

Graduation Requirements:

- Completion of a minimum of 120 semester credits required in the BA degree; at least 40 credit hours must be upper-division courses.
- Overall grade point average 2.0 or above with a minimum of 2.5 GPA in all Woodbury School of Business courses. No grade lower than a "C-" in core and specialization courses.
- Residency hours: Minimum of 30 credit hours of business courses through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
- Completion of GE and specified departmental requirements. Students are responsible for completing all prerequisite courses.
- Successful completion of at least one Global/Intercultural course.

NOTE: Students will be limited to 9 hours of upper-division credit until matriculation is completed.

Marketing, B.A.

Careers

- Analyze quantitatively and qualitatively market conditions for insights that inform marketing strategy, campaigns, and plans.

- Develop effective marketing plans and campaigns that account for customer differences and preferences, competition, and the impact of other relevant market factors.
- Improve a customer solution through the effective use of product management best practices.
- Create a digital marketing campaign that effectively employs digital advertising, social media, and analytics.
- Apply a sales approach using customer-centric sales principles.
- Coordinate a significant team marketing project for a business client.
- Communicate analysis, decisions, campaigns, and plans to stake holders effectively.

Related Careers

- Advertising and Promotions Managers
- Marketing Managers
- Sales Managers
- Market Research Analysts and Marketing Specialists
- Business Teachers, Postsecondary

Marketing, B.S.

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Requirements

The Marketing Department offers students three different tracks each providing a theoretical and in-depth professional preparation in the field. The first is the Marketing Management track which provides a broad base of experiential classes and the most flexibility in scheduling for employed students. The second is the Digital Marketing track which provides courses in internet marketing, social media, and web analytics. The newest track is Sales which prepares students for a career in sales with courses in personal selling, sales management, and sales analytics. Whichever track is chosen, a professional internship is highly encouraged.

Total Program Credits: 120

Matriculation Requirements		
1. Students will be limited to 9 hours of upper-division credit until matriculation is completed. 2. Students must complete the following courses in order to matriculate: ACC 2110, ECON 2010, MyEducator or IM 2010 or IM 2600, MKTG 220G, MKTG 2390, MGMT 2340, MGMT 2400 3. Students cannot take the following courses until they have matriculated: FIN 3100, MGMT 3450, MGMT 4860, MKTG 4650.		
General Education Requirements:		35 Credits
	ENGL 1010	Introduction to Academic Writing CC
or	ENGL 1005	Literacies and Composition Across Contexts CC (5)
	ENGL 2010	Intermediate Academic Writing CC
Complete one of the following:		3
	MATH 1050	College Algebra QL (4)
	MATH 1055	College Algebra with Preliminaries QL (5)
	MATH 1090	College Algebra for Business QL (3)
An Advanced Placement (AP) Mathematics Test with a score of 3 or higher		
Complete one of the following:		3
	HIST 2700	US History to 1877 AS (3)
and	HIST 2710	US History since 1877 AS (3)

	HIST 1700	American Civilization AS (3)	
	HIST 1740	US Economic History AS (3)	
	POLS 1000	American Heritage SS (3)	
	POLS 1100	American National Government AS (3)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
	HLTH 1100	Personal Health and Wellness TE (2)	
or	EXSC 1097	Fitness for Life TE	2
Distribution Courses:			
	ECON 2010	Principles of Economics I SS (fulfills Social/Behavioral Science credit)	3
	Biology		3
	Physical Science		3
	Additional Biology or Physical Science		3
	Humanities Distribution		3
	Fine Arts Distribution		3
Discipline Core Requirements:			52 Credits
Business Foundation Courses:			
	ACC 2110	Principles of Accounting I	3
	My Educator ²		
or	IM 2010	Business Computer Proficiency (3) ²	
or	IM 2600	Spreadsheet Applications (3) ²	
Complete the following:			
	MKTG 220G	Written Business Communication GI WE ⁵	3
	MGMT 2340	Business Statistics I	3
	MKTG 2390	Professional Business Presentations	3
	MGMT 2400	Data Analytics for Business	3
Business Core Courses:			
	FIN 3100	Principles of Finance ¹	3
	MKTG 3600	Principles of Marketing	3
	MGMT 3000	Organizational Behavior WE	3
	MGMT 3450	Operations Management ¹	3
	ENTR 493R	Entrepreneurship Lecture Series (1)	
or	MGMT 495R	Executive Lecture Series	1
	MGMT 4860	Business Strategy Formulation and Implementation ¹	3
Marketing Core Courses:			
	MKTG 1890	Introduction to Careers in Business	1
	MKTG 3890	Business Career Strategy	2
	MKTG 3300	Marketing Analytics	3
	MKTG 3650	Professional Selling	3
	MKTG 3660	Digital Marketing	3
	MKTG 3700	Fundamentals of Product Management	3
	MKTG 4600	Customer Experience	3
	MKTG 4650	Marketing Management Capstone ¹	3

Elective Requirements:		33 Credits
Complete 15 credits of marketing electives from the following list: ⁴		15
	MKTG 3170	Digital Advertising (3)
	MKTG 3220	Retail Management (3)
	MKTG 335G	International Marketing GI (3)
	MKTG 3460	Internal Marketing and Corporate Imaging (3)
	MKTG 3620	Consumer Behavior (3)
	MKTG 3630	Services Marketing (3)
	MKTG 3640	Sales Management (3)
	MKTG 3670	Advertising and Promotion (3)
	MKTG 3680	Marketing with Social Media (3)
	MKTG 3685	Content Marketing (3)
	MKTG 3690	Digital Marketing Analytics (3)
	MKTG 4300	Marketing Data Science (3)
	MKTG 4400	Competitive Intelligence (3)
	MKTG 4610	Sales Operations (3)
	MKTG 4620	Advanced Professional Selling (3)
	MKTG 459R	Advanced Topics in Marketing (1-3)
Complete 3 credits of internship:		3
	MKTG 481R	Marketing Internship (1-3) ³
	MKTG 482R	Sales Internship (must be taken three times) (1-4) ³
	MKTG 483R	Digital Marketing Internship (1-3) ³
Select 15 elective credits 1000 or higher.		15
Notes:		
1. Students must be matriculated before taking this course.		
2. Students will be required to complete My Educator with a score of 80% or higher or IM 2010 Business Computer Proficiency or IM 2060 Spreadsheet applications with a grade of B- or higher		
3. Maximum of 3 credit hours of internship count toward marketing electives.		
4. It is encouraged that students use these 15 credits of marketing electives to earn a marketing certificate in professional selling, product management, or digital marketing.		
5. Students will be required to complete MKTG 220G with a grade of B- or higher.		

Graduation Requirements:

1. Completion of a minimum of 120 semester credits required in the BS degree; at least 40 credit hours must be upper-division courses.
2. Overall grade point average 2.0 or above with a minimum of 2.5 GPA in all Woodbury School of Business courses. No grade lower than a "C-" in core and specialization courses.
3. Residency hours: Minimum of 30 credit hours of business courses through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
4. Completion of GE and specified departmental requirements. Students are responsible for completing all prerequisite courses.
5. Successful completion of at least one Global/Intercultural course.

NOTE: Students will be limited to 9 hours of upper-division credit until matriculation is completed.

Marketing

Marketing, B.S. Careers

1. Analyze quantitatively and qualitatively market conditions for insights that inform marketing strategy, campaigns, and plans.
2. Develop effective marketing plans and campaigns that account for customer differences and preferences, competition, and the impact of other relevant market factors.
3. Improve a customer solution through the effective use of product management best practices.
4. Create a digital marketing campaign that effectively employs digital advertising, social media, and analytics.
5. Apply a sales approach using customer-centric sales principles.
6. Coordinate a significant team marketing project for a business client.
7. Communicate analysis, decisions, campaigns, and plans to stakeholders effectively.

Related Careers

- Advertising and Promotions Managers
- Marketing Managers
- Sales Managers
- Market Research Analysts and Marketing Specialists
- Business Teachers, Postsecondary

Master of Arts in Marriage and Family Therapy Graduate Programs

Degrees & Programs

Marriage and Family Therapy, M.A.

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Requirements

The Master in Marriage and Family Therapy (MFT) trains students to be professionally competent in the field of marriage and family therapy. Through the application of systemic theories, skills, and ethics, students are prepared to serve a diverse client population. Students who successfully complete the program, including academic course work and supervised clinical practica, will be eligible for employment and licensure as an Associate Marriage and Family Therapist in the state of Utah. This program is offered in collaboration with the Behavioral Science Department and the family science undergraduate degree.

Total Program Credits: 54

Matriculation Requirements:			
1. Completion of a bachelor's degree from a regionally-accredited college/university, a nationally accredited program, or an international college or university recognized by a Ministry of Education.			
2. Admission to the Marriage and Family Therapy, M.A. program.			
Discipline Core Requirements:			54 Credits
Complete the following courses:			
	MFT 6000	Systemic Foundations of Marriage and Family Therapy	3
	MFT 6010	Contemporary Approaches to MFT	3
	MFT 6100	Ethical Issues in Marriage and Family Therapy	3
Complete the following therapy classes:			
	MFT 6200	Systemic Assessment and Diagnosis	3
	MFT 6210	Couples Therapy	3
	MFT 6220	Group Therapy	2
	MFT 6230	Family Therapy	3
	MFT 6240	Individual Therapy	2
Complete the following developmental courses:			
	MFT 6300	Working with Diversity in MFT	3
	MFT 6310	Child and Adolescent Development	3
	MFT 6320	Adult Issues in Human Development	3
Complete the following specialty courses:			
	MFT 6400	Research in Marriage and Family Therapy	3
	MFT 6500	Community Intervention	1
	MFT 6510	Contemporary Issues in MFT	1
	MFT 6520	Clinical Business Development and Practice	2

MFT 6600	Capstone in MFT	1
Complete the practicum series:		
MFT 690R	Pre-Practicum	3
MFT 691R	Practicum I	3
MFT 692R	Practicum II	3
MFT 693R	Practicum III	3
MFT 694R	Practicum IV	3

Graduation Requirements:

1. Complete 54 credits with a minimum GPA of 3.0 with a B- or higher in every class
2. Complete program clinical and supervision hour requirements.
3. Complete program capstone requirements demonstrating achievement of student learning outcomes.
4. 42 credits must be taken at UVU. No more than 12 transfer credits will be accepted.

Marriage and Family Therapy, M.A.

Careers

1. Differentiate and apply foundational relational/systemic practice, theories and models.
2. Conduct systemic/relational assessment and treatment with individuals, couples and families.
3. Articulate the impact of human development (including ethnicity, gender and sexual identity on biopsychosocial health across the lifespan.
4. Demonstrate understanding of professional identity and adherence to the law, ethics and social responsibility.
5. Investigate research methodology and data analysis and synthesize evidence based practice in MFT.
6. Review contemporary issues in MFT, including: current intersections of knowledge and practice, community intersections and collaboration, and clinical business development.
7. Demonstrate competence in applying MFT skills within the local community.

Related Careers

- Marriage and Family Therapists
- Psychology Teachers, Postsecondary

Mathematics

DEPARTMENT CHAIR

PARRY, Alan *Assistant Professor*

FACULTY

ABRAMSON, Mark A. *Associate Professor*

ANDERSEN, Michael *Lecturer*

ANDRIST, Kathryn *Professor*

BHATT, Harish *Assistant Professor*

BHATTACHARJEE, Debanjan *Associate Professor*

FAGAN, Joshua *Assistant Professor*

FAUROT, Vivienne *Associate Professor*

FEARNLEY, David *Professor*

FRANZ, Reinhard O.W. *Associate Professor*

HEINY, Erik *Professor*

HURDLE, Zachariah *Assistant Professor*

ISLAM, Mohammad *Associate Professor*

JI, Xiao *Associate Professor*

KIDD, John *Assistant Professor*

LEE, KC *Lecturer*

LEWIS, Scott C. *Professor*

LI, Ya *Professor*

LING, Chen *Assistant Professor*

LING, Jun (Michael) *Professor*

MOGILSKI, Wiktor *Assistant Professor*

PARRY, Alan *Assistant Professor*

POTTER, Matthew *Lecturer*

SIMMONS, Skyler C. *Assistant Professor*

SIMONS, Joe M. *Lecturer*

TAYLOR, Matthew *Lecturer*

VAN FRANKENHUIJSEN, Machiel *Professor*

VASILEVSKA, Violeta *Professor*

WALKER, Christine *Professor*

ZHU, Yingxian *Associate Professor*

Degrees & Programs

Mathematics, A.A.

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Requirements

The AA mathematics program is intended to prepare students for the pursuit of a bachelor's degree while also including a year of foreign language training. Those intending to transfer to other institutions should check transferability of courses with the institutions to which they intend to transfer.

Total Program Credits: 60

General Education Requirements:			37 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGH 1005	Literacies and Composition Across Contexts CC (5)	

	ENGL 2010	Intermediate Academic Writing CC	3
	MATH 1210	Calculus I QL	4
or	MATH 121H	Calculus I QL (4)	
Complete one of the following:			3
	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	
	HIST 1700	American Civilization AS (3)	
	HIST 1740	US Economic History AS (3)	
	POLS 1000	American Heritage SS (3)	
	POLS 1100	American National Government AS (3)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
	HLTH 1100	Personal Health and Wellness TE	2
or	EXSC 1097	Fitness for Life TE (2)	
Distribution Courses			
	Biology		3
	Physical Science		3
	Additional Biology or Physical Science		3
	Humanities Distribution		3
	Fine Arts Distribution		3
	Social/Behavioral Science		3
Discipline Core Requirements:			10 Credits
	MATH 1220	Calculus II	4
or	MATH 122H	Calculus II (4)	
Complete 6 credits from the following:			6
	MATH 2210	Calculus III (4)	
or	MATH 221H	Calculus III (3)	
	MATH 2270	Linear Algebra (3)	
	MATH 2280	Ordinary Differential Equations (3)	
	MATH 290R	Topics in Mathematics (3-5)	
	STAT 2050	Introduction to Statistical Methods (4)	
Elective Requirements:			14 Credits
	Same Foreign Language		8
	Any course 1000 or higher ¹		6
Notes:			
1. MATH 1050 and MATH 1060 are required as prerequisites for MATH 1210.			

Graduation Requirements:

1. Completion of a minimum of 60 semester credits.
2. Overall grade point average of 2.0 (C) or above. (Departments may require a higher GPA.)
3. Residency hours--minimum of 20 credit hours through course attendance at UVU
4. Completion of GE and specified departmental requirements

Mathematics, A.A.

Careers

1. Knowledge of calculus, differential equations and linear algebra.

2. The ability to communicate mathematics clearly, both verbally and in writing.

Related Careers

- Natural Sciences Managers
- Mathematicians
- Statisticians
- Mathematical Science Occupations, All Other
- Mathematical Science Teachers, Postsecondary
- Secondary School Teachers, Except Special and Career/Technical Education

Mathematics, A.S.

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Requirements

The AA and AS mathematics programs are intended to prepare students for the pursuit of a bachelor's degree. Those intending to transfer to other institutions should check transferability of courses with the institutions to which they intend to transfer. Following are the key knowledge, skill and ability goals of the AA and AS mathematics program: Knowledge of calculus, differential equations and linear algebra. The ability to communicate mathematics clearly, both verbally and in writing.

Total Program Credits: 60

General Education Requirements:		36 Credits
or	ENGL 1010 Introduction to Academic Writing CC	3
	ENGL 1010 Literacies and Composition Across Contexts CC	
	ENGL 2010 Intermediate Academic Writing CC	3
	MATH 1210 Calculus I QL	4
or	MATH 121H Calculus I QL	
Complete one of the following:		3
	HIST 2700 US History to 1877 AS	
and	HIST 2710 US History since 1877 AS (6)	
	HIST 1700 American Civilization AS (3)	
	HIST 1740 US Economic History AS (3)	
	POLS 1000 American Heritage SS (3)	
	POLS 1100 American National Government AS (3)	
Complete the following:		
	PHIL 2050 Ethics and Values IH	3
	HLTH 1100 Personal Health and Wellness TE	2
or	EXSC 1097 Fitness for Life TE (2)	
Distribution Courses:		
	Biology	3
	Physical Science	3
	Additional Biology or Physical Science	3
	Humanities Distribution	3
	Fine Arts Distribution	3
	Social/Behavioral Science	3
Discipline Core Requirements:		10 Credits

	MATH 1220 Calculus II	4
or	MATH 122H Calculus II	
Complete 6 credits from the following:		6
	MATH 2210 Calculus III (4)	
or	MATH 221H Calculus III	
	MATH 2270 Linear Algebra (3)	
	MATH 2280 Ordinary Differential Equations (3)	
	MATH 290R Topics in Mathematic (3-5)	
	STAT 2050 Introduction to Statistical Methods (4)	
Elective Requirements:		14 Credits
	Any course 1000 or higher*	14
Notes:		
1. MATH 1050 College Algebra QL and MATH 1060 Trigonometry QL are required as prerequisites for MATH 1210 Calculus I QL.		

Graduation Requirements:

1. Completion of a minimum of 60 semester credits.
2. Overall grade point average of 2.0 (C) or above. (Departments may require a higher GPA.)
3. Residency hours--minimum of 20 credit hours through course attendance at UVU.
4. Completion of GE and specified departmental requirements.

Mathematics, A.S.

Careers

Program Learning Outcomes

1. Knowledge of calculus, differential equations and linear algebra.
2. The ability to communicate mathematics clearly, both verbally and in writing.

Related Careers

- Natural Sciences Managers
- Mathematicians
- Statisticians
- Mathematical Science Occupations, All Other
- Mathematical Science Teachers, Postsecondary
- Secondary School Teachers, Except Special and Career/Technical Education

Mathematics, Minor

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Requirements

The mathematics minor can be combined with a variety of degrees throughout the university.

Total Program Credits: 24

Matriculation Requirements:		
1. Admitted to a bachelor degree program at UVU.		
Discipline Core Requirements:		24 Credits
	MATH 1210 Calculus I QL	4
or	MATH 121H Calculus I QL	
	MATH 1220 Calculus II	4

Mathematics

or	MATH 122H	Calculus II	
	MATH 2210	Calculus III	4
or	MATH 221H	Calculus III	
	MATH 2270	Linear Algebra	3
	MATH 2280	Ordinary Differential Equations	3
	Choose at least two mathematics courses from the mathematics courses numbered 3210 and above ¹		6

Notes:

1. Elective courses may NOT include MATH 4030, MATH 4040, or MATH 481R.

Graduation Requirements

1. To fulfill the requirements for a mathematics minor, students must achieve a minimum GPA of 2.4 for all attempted work in the seven mathematics courses required for the mathematics minor and have no course grade lower than "C" in any of the seven mathematics courses required for the mathematics minor (substitutions may be granted for some elective courses).

NOTE: The 6-credit pairs of courses, MATH 3210 Complex Variables and MATH 3400 Partial Differential Equations, or MATH 4610 Introduction to Numerical Analysis I and MATH 4620 Introduction to Numerical Analysis II, are recommended for students pursuing majors in the physical sciences, engineering, or computer science. Another recommended pair for computer science majors is MATH 3300 Foundations of Abstract Algebra and MATH 4340 Introduction to Number Theory.

Mathematics, Minor Careers

1. Knowledge of calculus, differential equations and linear algebra, plus two elective upper division mathematics courses.
2. The ability to communicate mathematics clearly, both verbally and in writing.

Related Careers

- Natural Sciences Managers
- Mathematicians
- Statisticians
- Mathematical Science Occupations, All Other
- Mathematical Science Teachers, Postsecondary
- Secondary School Teachers, Except Special and Career/Technical Education

Mathematics - Actuarial Science Emphasis, B.S.

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Requirements

Mathematics degrees allow for a wide variety of employment options. The following careers are very mathematics centered, though in many cases additional training beyond a mathematics degree (or at least beyond a B.S. Mathematics degree) is needed to qualify for employment in these fields: actuarial work, education, research analysis, cryptology, systems analysis, robotics engineering, design modeling (creating cost efficient models), geomatics engineering, photogrammetry, stock trading, biomathematics, accounting or auditing, population ecology, aspects of forensic analysis and some types of computer programming

design. There are also jobs for mathematics graduates in the federal government, mainly in the department of defense. The degree required depends on the type of job in the areas mentioned, and the salary level.

Total Program Credits: 120

Matriculation Requirements:			
1. Completion of MATH 1210 Calculus I QL and MATH 1220 Calculus II (or equivalent) with an overall GPA of 2.5 or better			
2. Student must meet with the Math Department advisor and declare an intent to major in Mathematics			
General Education Requirements:			39 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGH 1005	Literacies and Composition Across Contexts CC (5)	
	ENGL 2010	Intermediate Academic Writing CC	3
	MATH 1210	Calculus I QL	4
or	MATH 121H	Calculus I QL (4)	
Complete one of the following:			3
	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	
	HIST 1700	American Civilization AS (3)	
	HIST 1740	US Economic History AS (3)	
	POLS 1000	American Heritage SS (3)	
	POLS 1100	American National Government AS (3)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
	HLTH 1100	Personal Health and Wellness TE (2)	
or	EXSC 1097	Fitness for Life TE	2
Distribution Courses:			
	Biology		3
	PHYS 2210	Physics for Scientists and Engineers I PP	4
	PHYS 2215	Physics for Scientists and Engineers I Lab	1
	PHYS 2220	Physics for Scientists and Engineers II PP (4) (Required for Mathematics and Applied Mathematics Emphasis)	
and	PHYS 2225	Physics for Scientists and Engineers II Lab (1) (Required for Mathematics and Applied Mathematics Emphasis)	
or	One other Biology or Physical Science Distribution (Required for Applied Mathematics Emphasis)		3
	Humanities		3
	Fine Arts		3
	Social/Behavioral Science		3
Discipline Core Requirements:			31 Credits
Complete the following:			
	CS 1400	Fundamentals of Programming	3
	STAT 2050	Introduction to Statistical Methods	4
	STAT 2060	Introduction to Statistical Computing	1
	MATH 1220	Calculus II	5
or	MATH 122H	Calculus II (5)	

	MATH 2210	Calculus III	3
or	MATH 221H	Calculus III (3)	
	MATH 2270	Linear Algebra	3
	MATH 2280	Ordinary Differential Equations	3
	MATH 3250	Introduction to Advanced Calculus WE	3
	MATH 3300	Foundations of Abstract Algebra	3
	MATH 4210	Advanced Calculus I ¹	3
Elective Requirements:			21 Credits
	Complete 12 credits of upper division electives ²		11
	Complete 9 credits of upper or lower division electives ²		9
Emphasis Requirements:			27 Credits
	ECON 2010	Principles of Economics I SS	3
	ECON 2020	Principles of Economics II SS	3
	ACC 2110	Principles of Accounting I (3)	
and	ACC 2120	Principles of Accounting II (3)	
or	ACC 3000	Financial Managerial and Cost Accounting Concepts	3
	FIN 3100	Principles of Finance	3
	MATH 3750	Financial Mathematics	3
	MATH 4750	Fundamentals of Actuarial Mathematics	3
	STAT 4000	Applied Regression and Time Series WE	3
	STAT 4710	Mathematical Statistics-Probability and Statistics	3
	STAT 4720	Mathematical Statistics-Statistical Inference	3
Emphasis Elective Requirements:			3 Credits
Complete 3 credits chosen from the following:			3
	MATH 3210	Complex Variables (3)	
	MATH 3320	Graph Theory and its Applications (3)	
	MATH 3400	Partial Differential Equations (3)	
	MATH 3640	Introduction to Optimization (3)	
	MATH 4100	Differential Geometry of Curves and Surfaces (3)	
	MATH 4220	Advanced Calculus II (3)	
	MATH 4250	Introduction to Dynamical Systems (3)	
	MATH 4310	Introduction to Modern Algebra I (3)	
	MATH 4320	Introduction to Modern Algebra II (3) ³	
	MATH 4330	Theory of Linear Algebra (3)	
	MATH 4340	Introduction to Number Theory (3)	
	MATH 4510	Foundations of Topology (3)	
	MATH 4610	Introduction to Numerical Analysis I (3)	
	MATH 4620	Introduction to Numerical Analysis II (3) ³	
	MATH 481R	Internship in Mathematics (1-4)	
	MATH 489R	Undergraduate Research in Mathematics (1-3)	

MATH 490R	Topics in Mathematics (2-3)	
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Notes:

- Students planning to do graduate work in mathematics should take both of the year-long sequences MATH 4210 Advanced Calculus I, MATH 4220 Advanced Calculus II, and MATH 4310 Introduction to Modern Algebra I, MATH 4320 Introduction to Modern Algebra II, and acquire a reading knowledge of at least one foreign language chosen from French, German, or Russian.
- Elective courses may NOT include MATH 3100, MATH 3200, MATH 3010, MATH 3030, MATH 4030, or MATH 4040.
- Requires completion of a prerequisite course, which fulfills elective requirements.

Graduation Requirements:

- Completion of a minimum of 120 semester credits with at least 40 credit hours in upper-division courses.
- Overall grade point average of 2.0 (C) or above, a minimum GPA of 2.4 in all MATH and STAT courses listed above, with no grade lower than a "C" in all listed PHYS, STAT, and MATH courses (substitutions may be granted for some elective courses).
- Residency hours-- minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
- Completion of general education and specified departmental requirements.
- Complete an exit survey administered by the Mathematics Department Advisor.
- Successful completion of at least one Global/Intercultural course.

Mathematics - Actuarial Science Emphasis, B.S. Careers

- Knowledge of calculus, real analysis, differential equations, linear algebra, probability and statistics, economics and accounting principles, financial mathematics, actuarial models, regression analysis and a broad knowledge base of other elective topics that could include topics such as optimization, numerical analysis, partial differential equations, and graph theory.
- The ability to apply risk modeling to solve pricing, reserving, and other actuarial problems, particularly in the insurance industry, the ability to formulate and understand each risk model, and the ability to pass the two introductory actuarial exams.
- The ability to communicate mathematics effectively, both verbally and in writing, expressing clear logical explanations of assumptions and risk models used to come to conclusions about prices, reserves, and risk measures.

Related Careers

- Natural Sciences Managers
- Mathematicians
- Statisticians
- Mathematical Science Occupations, All Other
- Mathematical Science Teachers, Postsecondary
- Secondary School Teachers, Except Special and Career/Technical Education

Mathematics - Applied Mathematics Emphasis, B.S.

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Mathematics

Requirements

Mathematics degrees allow for a wide variety of employment options. The following careers are very mathematics centered, though in many cases additional training beyond a mathematics degree (or at least beyond a B.S. Mathematics degree) is needed to qualify for employment in these fields: actuarial work, education, research analysis, cryptography, systems analysis, robotics engineering, design modeling (creating cost efficient models), geomatics engineering, Photogrammetry, stock trading, biomathematics, accounting or auditing, population ecology, aspects of forensic analysis and some types of computer programming design. There are also jobs for mathematics graduates in the federal government, mainly in the department of defense. The degree required depends on the type of job in the areas mentioned, and the salary level

Total Program Credits: 120

Matriculation Requirements:			
<ol style="list-style-type: none"> Completion of MATH 1210 Calculus I QL and MATH 1220 Calculus II (or equivalent) with an overall GPA of 2.5 or better Student must meet with the Math Department advisor and declare an intent to major in Mathematics 			
General Education Requirements:			39 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGL 1005	Literacies and Composition Across Contexts CC (5.0)	
	ENGL 2010	Intermediate Academic Writing CC	3
	MATH 1210	Calculus I QL	4
or	MATH 121H	Calculus I QL (4)	
Complete one of the following:			3
	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	
	HIST 1700	American Civilization AS (3)	
	HIST 1740	US Economic History AS (3)	
	POLS 1000	American Heritage SS (3)	
	POLS 1100	American National Government AS (3)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
	HLTH 1100	Personal Health and Wellness TE (2)	
or	EXSC 1097	Fitness for Life TE	2
Distribution Courses:			
	Biology		3
	PHYS 2210	Physics for Scientists and Engineers I PP	4
	PHYS 2215	Physics for Scientists and Engineers I Lab	1
	PHYS 2220	Physics for Scientists and Engineers II (4) (Required for Mathematics and Applied Mathematics Emphasis)	
and	PHYS 2225	Physics for Scientists and Engineers II Lab (1) (Required for Mathematics and Applied Mathematics Emphasis)	
or	One other Biology or Physical Science Distribution (Required for Applied Mathematics Emphasis)		3
	Humanities		3

	Fine Arts		3
	Social/Behavioral		3
Discipline Core Requirements:			31 Credits
Complete the following:			
	CS 1400	Fundamentals of Programming	3
	STAT 2050	Introduction to Statistical Methods	4
	STAT 2060	Introduction to Statistical Computing	1
	MATH 1220	Calculus II	4
or	MATH 122H	Calculus III (4)	
	MATH 2210	Calculus III	4
or	MATH 221H	Calculus III (4)	
	MATH 2270	Linear Algebra	3
	MATH 2280	Ordinary Differential Equations	3
	MATH 3250	Introduction to Advanced Calculus WE	3
	MATH 3300	Foundations of Abstract Algebra	3
	MATH 4210	Advanced Calculus I ¹	3
Elective Requirements:			21 Credits
	Complete 12 credits of upper division electives ²		12
	Complete 9 credits of upper or lower division electives ²		9
Emphasis Requirements:			20 Credits
Complete all of the following:			
	CS 1410	Object Oriented Programming	3
	STAT 3040	Probability and Statistics for Engineering and the Sciences	3
	MATH 3210	Complex Variables	3
	MATH 3400	Partial Differential Equations	3
	MATH 4610	Introduction to Numerical Analysis I	3
	MATH 4620	Introduction to Numerical Analysis II	3
	MATH 4999	Mathematics Capstone WE	2
Emphasis Elective Requirements:			10 Credits
Complete 10 credits chosen from the following:			10
	MATH 3320	Graph Theory and its Applications (3)	
	MATH 3640	Introduction to Optimization (3)	
	MATH 3750	Financial Mathematics (3)	
	MATH 4100	Differential Geometry of Curves and Surfaces (3)	
	MATH 4220	Advanced Calculus II (3)	
	MATH 4250	Introduction to Dynamical Systems (3)	
	MATH 4310	Introduction to Modern Algebra I (3)	
	MATH 4320	Introduction to Modern Algebra II (3) ³	
	MATH 4330	Theory of Linear Algebra (3)	
	MATH 4340	Introduction to Number Theory (3)	
	MATH 4510	Foundations of Topology (3)	
	MATH 4750	Fundamentals of Actuarial Mathematics (3)	
	MATH 481R	Internship in Mathematics (1-4)	

MATH 489R	Undergraduate Research in Mathematics (1-3)	
MATH 490R	Topics in Mathematics (2-3)	
MATH 5510	General Topology (3)	
PHYS 3300	Mathematical Physics (3)	
PHYS 3310	Advanced Mathematical Physics (3) ³	
PHYS 3330	Computational Physics (3) ³	
STAT 4000	Applied Regression and Time Series WE (3)	
STAT 4710	Mathematical Statistics-Probability and Statistics (3)	
STAT 4720	Mathematical Statistics-Statistical Inference (3) ³	

Notes:

- Students planning to do graduate work in mathematics should take both of the year-long sequences MATH 4210 Advanced Calculus I, MATH 4220 Advanced Calculus II, and MATH 4310 Introduction to Modern Algebra I, MATH 4320 Introduction to Modern Algebra II, and acquire a reading knowledge of at least one foreign language chosen from French, German, or Russian.
- Elective courses may NOT include MATH 3100, MATH 3200, MATH 3010, MATH 3030, MATH 4030, or MATH 4040.
- Requires completion of a prerequisite course, which fulfills elective requirements.

Graduation Requirements:

- Completion of a minimum of 120 semester credits with at least 40 credit hours in upper-division courses.
- Overall grade point average of 2.0 (C) or above, a minimum GPA of 2.4 in all MATH and STAT courses listed above, with no grade lower than a "C" in all listed PHYS, STAT, and MATH courses (substitutions may be granted for some elective courses).
- Residency hours-- minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
- Completion of general education and specified departmental requirements.
- Complete an exit survey administered by the Mathematics Department Advisor.
- Successful completion of at least one Global/Intercultural course.

Mathematics - Applied Mathematics Emphasis, B.S. Careers

- Knowledge of calculus, real and complex analysis, differential equations, linear and abstract algebra, basic probability, and a broad knowledge base of other elective topics including topology, geometry, number theory, numerical analysis and statistics.
- An awareness of how to apply and model real situations with mathematics, and the ability to formulate and understand logical arguments.
- The ability to communicate mathematics effectively, both verbally and in writing, expressing clear logical proofs of mathematical hypotheses and constructing well defined counterexamples to false statements.

Related Careers

- Natural Sciences Managers
- Mathematicians
- Statisticians
- Mathematical Science Occupations, All Other
- Mathematical Science Teachers, Postsecondary

- Secondary School Teachers, Except Special and Career/Technical Education

Mathematics - Mathematics Emphasis, B.S.

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Requirements

Mathematics degrees allow for a wide variety of employment options. The following careers are very mathematics centered, though in many cases additional training beyond a mathematics degree (or at least beyond a B.S. Mathematics degree) is needed to qualify for employment in these fields: actuarial work, education, research analysis, cryptology, systems analysis, robotics engineering, design modeling (creating cost efficient models), geomatics engineering, photogrammetry, stock trading, biomathematics, accounting or auditing, population ecology, aspects of forensic analysis and some types of computer programming design. There are also jobs for mathematics graduates in the federal government, mainly in the department of defense. The degree required depends on the type of job in the areas mentioned, and the salary level.

Total Program Credits: 120

Matriculation Requirements:			
1. Completion of MATH 1210 Calculus I QL and MATH 1220 Calculus II (or equivalent) with an overall GPA of 2.5 or better			
2. Student must meet with the Math Department advisor and declare an intent to major in Mathematics			
General Education Requirements:			39 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGL 1005	Literacies and Composition Across Contexts CC (5)	
	ENGL 2010	Intermediate Academic Writing CC	3
	MATH 1210	Calculus I QL	4
or	MATH 121H	Calculus I QL (4)	
Complete one of the following:			3
	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	
	HIST 1700	American Civilization AS (3)	
	HIST 1740	US Economic History AS (3)	
	POLS 1000	American Heritage SS (3)	
	POLS 1100	American National Government AS (3)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
	HLTH 1100	Personal Health and Wellness TE (2)	
or	EXSC 1097	Fitness for Life TE	2
Distribution Courses			
	Biology		3
	PHYS 2210	Physics for Scientists and Engineers I PP	4
	PHYS 2215	Physics for Scientists and Engineers I Lab	1
Complete one of the following:			3

Mathematics

	PHYS 2220	Physics for Scientists and Engineers II PP (4) (Required for Mathematics and Applied Mathematics Emphasis)	
and	PHYS 2225	Physics for Scientists and Engineers II Lab (1) (Required for Mathematics and Applied Mathematics Emphasis)	
or	One other Biology or Physical Science Distribution (Required for Applied Mathematics Emphasis)		3
	Humanities		3
	Fine Arts		3
	Social/Behavioral Science		3
Discipline Core Requirements:			31 Credits
Complete the following:			
	CS 1400	Fundamentals of Programming	3
	STAT 2050	Introduction to Statistical Methods	4
	STAT 2060	Introduction to Statistical Computing	1
	MATH 1220	Calculus II	4
or	MATH 122H	Calculus II (4)	
	MATH 2210	Calculus III	4
or	MATH 221H	Calculus III (4)	
	MATH 2270	Linear Algebra	3
	MATH 2280	Ordinary Differential Equations	3
	MATH 3250	Introduction to Advanced Calculus WE	3
	MATH 3300	Foundations of Abstract Algebra	3
	MATH 4210	Advanced Calculus I ¹	3
Elective Requirements:			21 Credits
	Complete 12 credits of upper division electives ²		12
	Complete 9 credits of upper or lower division electives ²		9

Emphasis Requirements:			14 Credits
	MATH 3210	Complex Variables	3
	MATH 4220	Advanced Calculus II	3
	MATH 4310	Introduction to Modern Algebra I	3
	MATH 4330	Theory of Linear Algebra	3
	MATH 4999	Mathematics Capstone WE	2
Emphasis Elective Requirements:			16 Credits
Complete 12 credits chosen from the following: At least one course must be from MATH 3400, MATH 4320, or MATH 4510			12
	MATH 3310	Discrete Mathematics (3)	
	MATH 3320	Graph Theory and its Applications (3)	

	MATH 3400	Partial Differential Equations (3)	
	MATH 3640	Introduction to Optimization (3)	
	MATH 4100	Differential Geometry of Curves and Surfaces (3)	
	MATH 4250	Introduction to Dynamical Systems (3)	
	MATH 4320	Introduction to Modern Algebra II (3)	
	MATH 4340	Introduction to Number Theory (3)	
	MATH 4510	Foundations of Topology (3)	
	MATH 4610	Introduction to Numerical Analysis I (3)	
	MATH 4620	Introduction to Numerical Analysis II (3) ³	
	MATH 481R	Internship in Mathematics (1-4)	
	MATH 489R	Undergraduate Research in Mathematics (1-3)	
	MATH 490R	Topics in Mathematics (2-3)	
	MATH 5510	General Topology (3)	
	STAT 4300	Stochastic Processes (3)	
	STAT 4710	Mathematical Statistics-Probability and Statistics (3)	
	STAT 4720	Mathematical Statistics-Statistical Inference (3) ³	
	Complete 4 additional credits of general electives ⁴		4

Notes:

- Students planning to do graduate work in mathematics should take both of the year-long sequences MATH 4210 Advanced Calculus I, MATH 4220 Advanced Calculus II, and MATH 4310 Introduction to Modern Algebra I, MATH 4320 Introduction to Modern Algebra II, and acquire a reading knowledge of at least one foreign language chosen from French, German, or Russian.
- Elective courses may NOT include MATH 3100, MATH 3200, MATH 3010, MATH 3030, MATH 4030, or MATH 4040.

- Requires completion of a prerequisite course, which fulfills elective requirements.
- Elective courses may NOT include MATH 3100, MATH 3200, MATH 3010, MATH 3030, MATH 4030, or MATH 4040.

Graduation Requirements:

- Completion of a minimum of 120 semester credits with at least 40 credit hours in upper-division courses.
- Overall grade point average of 2.0 (C) or above, a minimum GPA of 2.4 in all MATH and STAT courses listed above, with no grade lower than a "C" in all listed PHYS, STAT, and MATH courses (substitutions may be granted for some elective courses).
- Residency hours-- minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
- Completion of general education and specified departmental requirements.
- Complete an exit survey administered by the Mathematics Department Advisor.
- Successful completion of at least one Global/Intercultural course.

Mathematics - Mathematics Emphasis, B.S. Careers

- Knowledge of calculus, real and complex analysis, differential equations, linear and abstract algebra, basic probability, and a broad knowledge base of other elective topics including topology, geometry, number theory, numerical analysis and statistics.
- An awareness of how to apply and model real situations with mathematics, and the ability to formulate and understand logical arguments
- The ability to communicate mathematics effectively, both verbally and in writing, expressing clear logical proofs of mathematical hypotheses and constructing well defined counterexamples to false statements.

Related Careers

- Natural Sciences Managers
- Mathematicians
- Statisticians
- Mathematical Science Occupations, All Other
- Mathematical Science Teachers, Postsecondary
- Secondary School Teachers, Except Special and Career/Technical Education

Mathematics Education, B.S.

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Requirements

The Secondary Education – Mathematics major is designed for students who plan to teach Mathematics at middle, junior or high school level or for graduate studies in the field. The degree will prepare students to become state certified to teach the subject at any secondary level and help to address shortages of secondary math educators in Utah. Graduates will not only understand the art of teaching but also have a deep content knowledge of Mathematics. Graduates of this program are able to accurately interpret and translate pictorial and descriptive information into mathematical statements; solve problems quantitatively and communicate results clearly; demonstrate understanding of numeric, algebraic and geometric reasoning; and, demonstrate computational skills in areas of applied mathematics.

Total Program Credits: 120

Matriculation Requirements:

- Completion of MATH 1210 Calculus I QL, MATH 1220 Calculus II, and MATH 2210 Calculus III with a 3.0 GPA.
- Completion of STAT 2040 Principles of Statistics QL with a grade of "B-" or higher.
- ENGL and MATH QL courses must have a grade C or higher.
- GPA of 3.0 or higher with no grade lower than a C in content area courses.
- Completion of all General Education requirements and 70% of content area courses.
- Pass LiveScan Criminal Background Check.

General Education Requirements:			38 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGH 1005	Literacies and Composition Across Contexts CC (5)	
	ENGL 2010	Intermediate Academic Writing CC	3
	STAT 2040	Principles of Statistics QL ¹	4
Complete one of the following:			3
	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	
	HIST 1700	American Civilization AS (3)	
	HIST 1740	US Economic History AS (3)	
	POLS 1000	American Heritage SS (3)	
	POLS 1100	American National Government AS (3)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
	HLTH 1100	Personal Health and Wellness TE	2
or	EXSC 1097	Fitness for Life TE (2)	
Distribution Courses			
	Biology		3
	PHYS 2210	Physics for Scientists and Engineers I PP	4
	PHYS 2215	Physics for Scientists and Engineers I Lab	1
	Additional Biology or Physical Science ²		3
	Humanities Distribution		3
	Fine Arts Distribution		3
	Social/Behavioral Science		3
Discipline Core Requirements:			50 Credits
	MATH 1210	Calculus I ¹	4
or	MATH 121H	Calculus I (5)	
	MATH 1220	Calculus II	4
or	MATH 122H	Calculus II (5)	
	MATH 2210	Calculus III	4
or	MATH 221H	Calculus III (3)	
	MATH 2270	Linear Algebra	3
	MATH 2280	Ordinary Differential Equations	3
	MATH 3000	History of Mathematics WE	3
	MATH 3010	Methods of Secondary School Mathematics Teaching	3

Mathematics

MATH 3030	Algebra for Secondary Mathematics Teaching	3
MATH 3100	Foundations of Geometry	3
MATH 3200	Foundations of Analysis	3
MATH 3300	Foundations of Abstract Algebra	3
MATH 4030	Geometry for Secondary Mathematics Teaching	3
MATH 4040	Statistics and Probability for Secondary Mathematics Teaching	3
STAT 3040	Probability and Statistics for Engineering and the Sciences	3
Complete 5 credits of any courses 1000 or higher		5
Professional Education Core Requirements ³		32 Credits
EDSC 1010	Introduction to Education	2
EDSC 3000	Educational Psychology	3
EDSC 325G	Equitable Technology Integration GI	2
EDSP 340G	Exceptional Students GI	2
EDSC 4200	Classroom Management I	2
EDSC 4250	Classroom Management II	2
EDSC 4440	Content Area Literacies	3
EDSC 445G	Multicultural Instruction ESL GI	3
EDSC 455G	Secondary Curriculum Instruction and Assessment GI	3
EDSC 4850	Student Teaching Secondary	8
EDSC 4990	Teacher Performance Assessment Project WE	2

Notes:

1. According to student placement, pre-requisites may be required
2. PHYS 2220 Physics for Scientists and Engineers II PP recommended
3. Must be completed with a grade of B- or higher

Graduation Requirements:

1. Completion of a minimum of 120 semester credits with at least 40 credit hours in upper-division courses.
2. Overall Grade of 3.0 (B) or above with no grade lower than a C or better in MATH or STAT courses and no grade lower than a B- in EDSC or EDSP courses.
3. Residency hours -- minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
4. Completion of GE and specified departmental requirements.
5. Completion of Math Department Exit Survey.
6. Successful completion of at least one Global/Intercultural course.

Mathematics Education, B.S.

Careers

1. Understand deeply the mathematics they will teach in the future; become familiar with the National Council of Teachers of Mathematics (NCTM) Principles and Standards for School Mathematics;
2. Apply national and state standards for mathematics education to develop content-appropriate lessons;
3. Use and compare different assessment techniques; develop a disposition favoring continual gathering and use of information about their students' mathematical understandings;

4. Appropriately and responsibly use technology to enhance opportunities for students' mathematical thinking;
5. Understand the development of mathematics through numerous and varied experiences related to the cultural, historical, and scientific evolution of mathematics;
6. Learn to use their mathematics and pedagogy knowledge flexibly in authentic situations through field experiences with secondary students under the supervision of highly qualified, experienced teachers and university supervisors.

Related Careers

- Mathematical Science Teachers, Postsecondary
- Education Teachers, Postsecondary
- Middle School Teachers, Except Special and Career/Technical Education
- Secondary School Teachers, Except Special and Career/Technical Education

Statistics, B.S.

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Requirements

The Department of Mathematics is pleased to offer a B.S. degree in Statistics. Statisticians assist in the collection and analysis of data thus providing decision makers information on which to base decisions. Knowledge of statistics and data handling helps students in almost every discipline. There are many opportunities in the job market for students with a degree in Statistics, and the program is ideal as preparation for a graduate degree in Statistics in any major university. The degree offers a wide variety of applied and theoretical courses in statistics, including statistical computing using both SAS and R programming.

Total Program Credits: 120

Matriculation Requirements:		
<ol style="list-style-type: none"> 1. Completion of MATH 1210 Calculus I QL and MATH 1220 Calculus II (or equivalent) with an overall GPA of 2.5 or better 2. Student must meet with the math department advisor and declare an intent to major in statistics. 		
General Education Requirements:		39 Credits
	ENGL 1010 Introduction to Academic Writing CC	3
or	ENGH 1005 Literacies and Composition Across Context CC (5)	
	ENGL 2010 Intermediate Academic Writing CC	3
	MATH 1210 Calculus I QL	4
or	MATH 121H Calculus I QL (5)	
Complete one of the following:		3
	HIST 2700 US History to 1877 AS (3)	
and	HIST 2710 US History since 1877 AS (3)	
	HIST 1700 American Civilization AS (3)	
	HIST 1740 US Economic History AS (3)	
	POLS 1000 American Heritage SS (3)	
	POLS 1100 American National Government AS (3)	
Complete the following:		
	PHIL 2050 Ethics and Values IH	3
	HLTH 1100 Personal Health and Wellness TE	2

or	EXSC 1097	Fitness for Life (2)	
Distribution Courses:			
	Biology		3
	PHYS 2210	Physics for Scientists and Engineers I PP (co-requisite lab required) (4)	4
	PHYS 2215	Physics for Scientists and Engineers I Lab	1
	One other Biology or Physical Science Distribution		3
	Humanities Distribution		3
	Fine Arts Distribution		3
	Social/Behavioral Science		3
Discipline Core Requirements:			49 Credits
	CS 1400	Fundamentals of Programming	3
	CS 1410	Object Oriented Programming	3
	MATH 1220	Calculus II	4
or	MATH 122H	Calculus II (5)	
	MATH 2210	Calculus III	4
or	MATH 221H	Calculus III (3)	
	MATH 2270	Linear Algebra	3
	STAT 2050	Introduction to Statistical Methods	4
	STAT 4000	Applied Regression and Time Series WE	3
	STAT 4100	Design of Experiment	3
	STAT 4400	Multivariate Analysis WE	3
	STAT 4710	Mathematical Statistics-Probability and Statistics	3
	STAT 4720	Mathematical Statistics-Statistical Inference	3
Complete three of the following:			9
	STAT 4200	Survey Sampling (3)	
	STAT 4300	Stochastic Processes (3)	
	STAT 4500	Nonparametric Statistics (3)	
	STAT 4600	Statistical Process Control (3)	
	Complete 9 hours of upper level MATH or STAT courses		9
Elective Requirements:			33 Credits
	Complete 9 credits of upper division electives ¹		9
	Complete 24 credits of upper or lower division electives ¹		24
Notes:			
1. Elective courses may NOT include MATH 3100, MATH 3200, MATH 3010, MATH 3030, MATH 4030, or MATH 4040.			

Graduation Requirements:

1. Completion of a minimum of 120 semester credits with at least 40 credit hours in upper-division courses.
2. Overall grade point average of 2.0 (C) or above, a minimum GPA of 2.4 in all MATH and STAT courses listed above, with no grade lower than a "C" in all listed MATH and STAT courses (substitutions may be granted for some elective courses).

3. Residency hours- minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
4. Completion of GE and specified departmental requirements.
5. Complete an exit survey administered by the Mathematics Department Advisor.
6. Successful completion of at least one Global/Intercultural course.

**Statistics, B.S.
Careers**

1. Demonstrate depth and breadth of understanding of statistics in core and elective areas through careful analysis.
2. Apply statistical reasoning and analysis in content specific (scientific) areas.
3. Communicate results of statistical analyses to a wide audience.
4. Use modern statistical software to support statistical analyses and promote understanding.

Related Careers

- Natural Sciences Managers
- Actuaries
- Statisticians
- Survey Researchers
- Mathematical Science Teachers, Postsecondary

Mathematics Graduate Programs

Degrees & Programs

Master of Science - Mathematics Education, M.S.

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Requirements

The Master of Science in Mathematics Education (MS-MEd) is designed for individuals interested in strengthening their understanding of mathematics, statistics, and educational theory and practice in order to enrich their own teaching of mathematics and statistics. Completion of the program will also qualify individuals to teach concurrent enrollment courses and to teach at some community colleges and universities. For college-level academic concurrent enrollment (dual-credit) courses, the Utah Valley University Mathematics Department requires that instructors have a master's or doctoral degree with 18 graduate hours in mathematics or statistics. However, the MS-MEd does not lead to a teaching license. The program is flexible to serve the needs of in-service teachers.

Total Program Credits: 30

Matriculation Requirements:		
<ol style="list-style-type: none">1. Admission to the Graduate Program.2. A bachelor's degree from a regionally accredited institution, equivalent undergraduate coursework to the Mathematics Endorsement 4, and at least two years of teaching experience.3. A passing score on the Entrance Exam or MATH 6000 Mathematics Core Review.		
Discipline Core Requirements:		30 Credits
STAT 6010	Theory of Statistics I	3
MATH 6100	Topics in Geometry and Topology	3
MATH 6210	Real Analysis	3
MATH 6310	Modern Algebra	3
MATH 6330	Advanced Linear Algebra	3
EDUC 6100	Research Methodology	3
EDUC 6200	Masters Project	3
EDUC 6320	21st Century Instruction and Assessment	3
EDUC 691R	Project I	1
EDUC 692R	Project II	1
EDUC 693R	Project III	1
Complete One of the following courses for a total of 3 credits		3
STAT 6020	Theory of Statistics II (3)	
MATH 6410	Topics in Ordinary Differential Equations (3)	
MATH 6610	Numerical Methods and Modeling (3)	
MATH 6620	Topics in Numerical Analysis (3)	
MATH 6700	Applications of Mathematics (3)	

Graduation Requirements:

1. Completion of a minimum of 30 credits.
2. Overall grade point average of 3.0 (B) or above.
3. Residency hours -- minimum of 21 credit hours through course attendance at UVU.
4. Courses and project requirements must be finished within a five-year period. No courses will apply toward graduation which are older than five years.
5. Individual grade of C or higher in all coursework applied toward the degree.

Master of Science - Mathematics Education, M.S. Careers

1. Offer improved math instruction based on a solid foundation of graduate mathematics content and best practices for teaching strategies and technologies.
2. Implement problem-based, technology-intensive and student focused instruction by achieving the necessary breadth of expertise, skills, and professional disposition.
3. Teach mathematical concepts more effectively to secondary students from varied backgrounds and with diverse goals, from the broader, deeper, and more advanced perspectives provided by their course and project work.
4. Solve problems arising from a variety of other disciplines using mathematical methods of formulation, computation, and analysis.
5. Design learning environments and curricula that can be immediately incorporated in classroom lessons, based on the expert knowledge they have gained.

Related Careers

- Mathematical Science Teachers, Postsecondary
- Education Teachers, Postsecondary
- Middle School Teachers, Except Special and Career/Technical Education
- Secondary School Teachers, Except Special and Career/Technical Education

Mathematics, Graduate Certificate

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Requirements

The Graduate Certificate in Mathematics aims to improve mathematics education and student achievement by focusing on two specific research-supported areas. First, by delivering high-quality content-based knowledge critical to student achievement, and second, by targeting in-service teachers who desire to teach dual credit in high school, given that dual-credit/dual-enrollment students are more likely to persist in college and are more likely to complete a bachelor's degree in less time than those who did not attempt college credits in high school. Graduate courses for this program will be available to match in-service teacher's schedules—evenings and during summer sessions—taught on the main campus and live-interactive by Utah Valley University's full-time faculty.

Total Program Credits: 18

Matriculation Requirements:	
<ol style="list-style-type: none">1. Admission to the Graduate Program2. A bachelor's degree from a regionally accredited institution, equivalent undergraduate coursework to the Mathematics Endorsement 4 or <i>Secondary Mathematics Endorsement</i>, and at least ten years of teaching experience.3. A passing score on the Entrance Exam or MATH 6000 Mathematics Core Review.	

Discipline Core Requirements:		18 Credits
Complete Six of the following courses for a total of 18 credits		18
MATH 6100	Topics in Geometry and Topology (3.0)	
MATH 6210	Real Analysis (3)	
MATH 6310	Modern Algebra (3)	
MATH 6330	Advanced Linear Algebra (3)	
MATH 6350	Introduction to Combinatorics (3)	
MATH 6410	Topics in Ordinary Differential Equations (3)	
MATH 6610	Numerical Methods and Modeling (3)	
MATH 6620	Topics in Numerical Analysis (3)	
MATH 6700	Applications of Mathematics (3)	
STAT 6010	Theory of Statistics I (3)	
STAT 6020	Theory of Statistics II (3)	
or other approved courses		

Graduation Requirements:

1. Completion of a minimum of 18 credits.
2. Overall grade point average of 3.0 (B) or above.
3. Residency hours -- minimum of 12 credit hours through course attendance at UVU.
4. Courses and project requirements must be finished within a five-year period. No courses will apply toward graduation which are older than five years.

Mathematics, Graduate Certificate**Careers**

1. Offer improved math instruction based on a solid foundation of graduate mathematics content and best practices for teaching strategies and technologies.
2. Implement problem-based, technology-intensive and student focused instruction by achieving the necessary breadth of expertise, skills, and professional disposition.
3. Teach mathematical concepts more effectively to secondary students from varied backgrounds and with diverse goals, from the broader, deeper, and more advanced perspectives provided by their course and project work.
4. Solve problems arising from a variety of other disciplines using mathematical methods of formulation, computation, and analysis.

Related Careers

- Mathematical Science Teachers, Postsecondary
- Education Teachers, Postsecondary
- Middle School Teachers, Except Special and Career/Technical Education
- Secondary School Teachers, Except Special and Career/Technical Education

Music

DEPARTMENT CHAIR

O'FLYNN, Jeffrey E. Assistant Professor

FACULTY

BAKER, David Assistant Professor

CHAU, Cheung Associate Professor

CRIDDLE, Reed Professor

DEMSKE, Hilary Professor

FAIRBANKS, Donna Professor

HAGEN, W. Ross Associate Professor

HAN, Cheng Yuan Assistant Professor

HEATH, Melissa Associate Professor

HURTADO, Isaac Associate Professor

JONES, Shane Assistant Professor

NIELSEN, Ryan Associate Professor

O'FLYNN, Jeffrey E. Assistant Professor

RYTTING, Bryce Professor

SORENSEN, D. Todd Artist in Residence

WORTHEN, Cherilyn Associate Professor

Degrees & Programs

Music, A.S.

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Requirements

The Associate in Science in Music is a two-year program that offers foundational studies in musicianship and performance. Prepares students for continuation in a four-year degree program in music.

Total Program Credits: 63

Matriculation Requirements:		
<ol style="list-style-type: none"> 1. Pass performance audition and interview with music faculty. 2. Complete music theory diagnostic exam. Students who do not earn at least 80% on the music department theory diagnostic exam must complete MUSC 1105 before MUSC 1110. 		
General Education Requirements:		35 Credits
ENGL 1010	Introduction to Academic Writing CC	3
or ENGH 1005	Literacies and Composition Across Contexts CC	
ENGL 2010	Intermediate Academic Writing CC	3
Complete one of the following: (Note: A higher level MATH course may substitute for this requirement)		3
MAT 1030	Quantitative Reasoning QL (3) (recommended for Humanities or Arts majors)	
MAT 1035	Quantitative Reasoning with Integrated Algebra QL (6)	
Complete one of the following:		3
HIST 2700	US History to 1877 AS (3)	
and HIST 2710	US History since 1877 AS (3)	
HIST 1700	American Civilization AS (3)	

HIST 1740	US Economic History AS (3)	
POLS 1000	American Heritage SS (3)	
POLS 1100	American National Government AS (3)	
Complete the following:		
PHIL 2050	Ethics and Values IH	3
HLTH 1100	Personal Health and Wellness TE (2)	
or EXSC 1097	Fitness for Life TE	2
Distribution Courses:		
Biology		3
Physical Science (recommend PHYS 1750 The Acoustics of Music (3))		3
Additional Biology or Physical Science		3
Humanities Distribution		3
Fine Arts Distribution		3
Social/Behavioral Science		3
Discipline Core Requirements:		28 Credits
MUSC 1110	Music Theory I	3
MUSC 1120	Music Theory II	3
MUSC 1130	Aural Skills I	1
MUSC 1140	Aural Skills II	1
MUSC 2110	Music Theory III	3
MUSC 2125	Music Theory IV	3
MUSC 2130	Aural Skills III	1
MUSC 2140	Aural Skills IV	1
Complete 4 credits from the following:		4
MUSC 124R	UVU Concert Choir (1)	
MUSC 125R	University Band (1)	
MUSC 322R	Chamber Choir (1)	
MUSC 327R	Deep Green-Tenor/Bass Choir (1)	
MUSC 328R	Emerald Singers-Soprano/Alto Choir (1)	
MUSC 330R	Wind Symphony (1)	
MUSC 332R	Jazz Orchestra (1)	
MUSC 370R	Symphony Orchestra (1)	
Complete 4 credits of the following on major instrument or voice:		4
MUSC 250R	Private Lessons for Music Majors (1)	
Complete 4 credits of the following on major instrument or voice:		4
MUSC 251R	Performance Class (1)	
Student must pass the Departmental Keyboard Proficiency Examination or complete MUSC 1150, MUSC 1160, MUSC 2150, and MUSC 2160.		

Graduation Requirements:

1. Completion of a minimum of 63 semester credits.

- Overall grade point average of 2.0 (C) or above. MUSC 250R Private Lessons for Music Majors requires a grade B or higher. All other MUSC courses require a C grade or higher.
- Residency hours: minimum of 20 credit hours through course attendance at UVU.
- Completion of GE and specified departmental requirements, including a sophomore review and concert attendance requirements.

Music, A.S. Careers

- Performance: Students will perform music on a primary instrument or voice from a broad historical and stylistic range of solo and ensemble repertoire with technique, accuracy, expressivity, stage presence, and creativity
- Aural and Visual Analysis: Students will identify musical elements and organizational patterns through aural and visual analysis
- Keyboard Skills: Students will demonstrate proficiency in keyboard techniques and fingerings through the performance of scales, sight-reading, prepared musical pieces, harmonization, and improvisation.

Related Careers

- Secondary School Teachers, Except Special and Career/Technical Education
- Musicians and Singers

Collaborative Piano-Chamber Music, Certificate of Proficiency

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Requirements

The Certificate of Proficiency in Collaborative Piano-Chamber Music is a one-year program designed to provide further education for pianists interested in collaborating with instrumentalists. The program provides a thorough education in all aspects of piano technique related to instrumentalist accompanying, including strings, woodwinds, brass, and percussion. The degree is open to current UVU students and local pianists seeking to refine their collaborative piano skills through instrumental literature.

Total Program Credits: 16

Matriculation Requirements:			
1. Complete entrance audition with music department faculty.			
	Discipline Core Requirements:		16 Credits
	MUSC 245R	Private Lessons II	2
	MUSC 373R	Advanced Small Ensembles	6
	MUSC 290R	Independent Study	3
	MUSC 3412	Music Career Development	3
	MUSC 3415	Instrumental Pedagogy and Literature I ¹	2
or	MUSC 3416	Instrumental Pedagogy and Literature II (2)	
Notes:			
1. See advisor for course recommendation.			

Graduation Requirements:

- Completion of a minimum of 16 semester credits.
- Overall grade point average of 2.0 (C) or above. MUSC 245R requires a grade B or higher. All other MUSC courses require a C grade or higher.
- Residency hours-- minimum of 4 credit hours through course attendance at UVU.

Collaborative Piano-Chamber Music, Certificate of Proficiency Careers

Program Learning Outcomes

- Aural literacy. Demonstrate with competency the ability to apply the elements of music in performance contexts with other musicians.
- Professional excellence. Demonstrate with competency the ability to accompany an instrumental soloist or chamber ensemble in a way that reflects a professional level of aptitude and knowledge of technical and artistic skill sets.
- Creative diversity. Demonstrate with competency the ability to include individual expression in instrumental repertoire to communicate and express unique ideas.

Related Careers

- Art, Drama, and Music Teachers, Postsecondary
- Musicians and Singers

Collaborative Piano-Vocal Coaching, Certificate of Proficiency

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Requirements

The UVU Certificate of Proficiency in Collaborative Piano/Vocal Coaching is a one-year program designed to provide further education for pianists interested in collaborating with vocalists. The program provides a thorough education in all aspects of piano technique related to vocal accompanying, diction, and literature. The degree is open to current UVU students and local pianists enrolled at UVU seeking to refine their collaborative piano skills through vocal literature.

Total Program Credits: 16

Matriculation Requirements:			
1. Complete entrance audition with music department faculty.			
Discipline Core Requirements:			16 Credits
	MUSC 245R	Private Lessons II (Piano)	2
	MUSC 245R	Private Lessons II (Voice)	2
	MUSC 2001	Diction for Singers I	1
	MUSC 2002	Diction for Singers II	1
	MUSC 3005	Vocal Literature I	1
	MUSC 3006	Vocal Literature II	1
	GER 1010 and GER 1020	Beginning German I and II	8
or	FREN 1010 and FREN 1020	Beginning French I and II	

Music

Graduation Requirements:

1. Completion of a minimum of 16 semester credits.
2. Overall grade point average of 2.0 (C) or above. MUSC 245R requires a grade B or higher. All other MUSC courses require a C grade or higher.
3. Residency hours-- minimum of 4 credit hours through course attendance at UVU.

Collaborative Piano-Vocal Coaching, Certificate of Proficiency Careers

1. Aural literacy. Demonstrate with competency the ability to apply the elements of music in performance contexts with other musicians.
2. Professional excellence. Demonstrate with competency the ability to coach and accompany a vocal soloist in a way that reflects a professional level of aptitude and knowledge of technical and artistic skill sets.
3. Creative diversity. Demonstrate with competency the ability to include individual expression in vocal repertoire to communicate and express unique ideas.

Related Careers

- Art, Drama, and Music Teachers, Postsecondary
- Musicians and Singers

Music Technology, Certificate of Proficiency

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Requirements

The Music Technology Certificate of Proficiency prepares students for work in the commercial music industry. Coursework includes completion of the Avid Pro Tools User Certification and Sibelius Certification.

Total Program Credits: 21

Matriculation Requirements			
Interview with commercial music faculty.			
Discipline Core Requirements:			21 Credits
MUSC 1105	Fundamentals for Music Majors/Minors	3	
MUSC 1400	Music Technology I	2	
MUSC 1402	Music Technology II	2	
MUSC 1410	Survey of Commercial Music Careers	1	
MUSC 1810	Contemporary Theory and Improvisation I	3	
MUSC 2210	Contemporary Theory and Improvisation II	2	
MUSC 2400	Digital Audio Workstation	2	
MUSC 2420	Music Production Basics	2	
MUSC 360R	Commercial Music Private Lessons ((Repeat twice))	2	
MUSC 379R	Studio Recording Workshop ((Repeat twice))	2	

Graduation Requirements:

1. Overall grade point average of 2.0 (C) or above.
2. Residency hours-- minimum of 5 credit hours through course attendance at UVU.

Music Technology, Certificate of Proficiency Careers

1. Produce audio for live performance, streaming media, and fixed media distribution.
2. Create real-time and sequenced digital music data; i.e., Musical Instrument Digital Interface and Open Sound Control.
3. Manipulate real-time and sequenced digital music data; i.e., Musical Instrument Digital Interface and Open Sound Control.
4. Create electro-acoustic music with technical facility and expressive musicianship.
5. Perform electro-acoustic music with technical facility and expressive musicianship.

Related Careers

- Art, Drama, and Music Teachers, Postsecondary
- Music Directors and Composers
- Sound Engineering Technicians

Piano Pedagogy, Certificate of Proficiency

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Requirements

The UVU Certificate of Proficiency in Piano Pedagogy is a one-year program designed to equip present and prospective piano teachers with rigorous and practical musical training.

The program is open to current teachers and UVU students seeking non-piano degrees who are seeking to enhance their individual piano ability and deepen their knowledge of pedagogical theories and techniques.

Total Program Credits: 16

Matriculation Requirements			
1. Complete entrance audition with music department faculty.			
Discipline Core Requirements:			16 Credits
MUSC 250R	Private Lessons for Music Majors	4	
MUSC 251R	Performance Class	2	
MUSC 290R	Independent Study	2	
MUSC 306R	Advanced Keyboard Skills	2	
MUSC 3415	Instrumental Pedagogy and Literature I	2	
MUSC 3416	Instrumental Pedagogy and Literature II	2	
MUSC 373R	Advanced Small Ensembles	2	

Graduation Requirements:

1. Completion of a minimum of 16 semester credits.
2. Overall grade point average of 2.0 (C) or above. MUSC 245R requires a grade B or higher. All other MUSC courses require a C grade or higher.
3. Residency hours-- minimum of 4 credit hours through course attendance at UVU.

Piano Pedagogy, Certificate of Proficiency

Careers

1. Investigate the current and historical methods in teaching elementary and intermediate piano students.
2. Evaluate piano repertoire and technique for elementary and intermediate piano students.
3. Perform piano repertoire and technique for elementary and intermediate piano students.
4. Design teaching strategies for a given student using appropriate pedagogical skills and teaching applications.

Related Careers

- Art, Drama, and Music Teachers, Postsecondary
- Musicians and Singers

Music, Minor

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Requirements

A Minor in Music offers introductory studies in musicianship and performance, including theory, aural skills, private instruction, and ensemble participation.

Total Program Credits: 18

Matriculation Requirements:			
<ol style="list-style-type: none"> 1. Admitted to a bachelor degree program at UVU. 2. Pass performance audition and interview with music faculty. 3. Complete music theory diagnostic exam. 			
Discipline Core Requirements:			18 Credits
Complete the following:			
Students who don't earn at least 80% on the music department theory diagnostic test must complete MUSC 1105 before MUSC 1110.			
MUSC 1110	Music Theory I		3
MUSC 1130	Aural Skills I		1
Complete 4 credits from the following:			4
MUSC 145R	Private Lessons I (1)		
MUSC 245R	Private Lessons II (1)		
MUSC 250R	Private Lessons for Music Majors (1)		
Six additional credit hours of music courses			6
Complete 4 credits from the following:			4
MUSC 124R	UVU Concert Choir (1)		
MUSC 125R	University Band (1)		
MUSC 306R	Advanced Keyboard Skills (1)		
MUSC 322R	Chamber Choir (1)		
MUSC 327R	Deep Green-Tenor/Bass Choir (1)		
MUSC 328R	Emerald Singers-Soprano/Alto Choir (1)		
MUSC 330R	Wind Symphony (1)		

MUSC 331R	Percussion Ensemble (1)	
MUSC 332R	Jazz Orchestra (1)	
MUSC 333R	Small Jazz and Commercial Ensembles (1)	
MUSC 334R	Pep Band (1)	
MUSC 370R	Symphony Orchestra (1)	
MUSC 372R	Chamber Orchestra (1)	
MUSC 373R	Advanced Small Ensembles (1)	
MUSC 423R	Opera Workshop (1)	

Graduation Requirements:

1. All MUSC courses require a C grade or higher.

Music, Minor

Careers

1. Analyze the elements, forms, and processes in music.
2. Evaluate the elements, forms, and processes in music.
3. Develop musical judgements and self-assess their efforts.
4. Defend musical judgements.
5. Perform associated repertoire with technical proficiency and artistic expression on their instrument or voice.
6. Use collaboration skills in making music.

Commercial Music, B.M.

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Requirements

The Bachelor of Music in Commercial Music prepares students for professional work in the music media industry. Students may select from two tracks, one in media composition and the second in music technology and production.

Total Program Credits: 121

Matriculation Requirements:			
<ol style="list-style-type: none"> 1. Pass performance audition, portfolio review, and interview with music faculty. 2. Complete music theory diagnostic exam. Students who do not earn at least 80% on the music department theory diagnostic exam must complete MUSC 1105 before MUSC 1110. 			
General Education Requirements:			35 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGL 1005	Literacies and Composition Across Context CC (5)	
	ENGL 2010	Intermediate Academic Writing CC	3
Choose one of the following:			3
	MAT 1030	Quantitative Reasoning QL (3) (recommended for Humanities or Arts majors)	
	MAT 1035	Quantitative Reasoning with Integrated Algebra QL (6)	
Choose one of the following:			3

Music

	POLS 1000	American Heritage SS (3)	
	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	
	HIST 1700	American Civilization AS (3)	
	HIST 1740	US Economic History AS (3)	
	POLS 1100	American National Government AS (3)	
Complete the following			
	PHIL 2050	Ethics and Values IH	3
	HLTH 1100	Personal Health and Wellness TE (2)	
or	EXSC 1097	Fitness for Life TE	2
Distribution Courses:			
	Biology		3
	Physical Science		3
	PHYS 1750	The Acoustics of Music PP (3) (recommended)	
	Additional Biology or Physical Science		3
	Humanities Distribution		3
	MUSC 1030	American Popular Music FF (Fine Arts Distribution)	3
or	MUSC 1236	Survey of Jazz History	
	Social/Behavioral Science		3
Discipline Core Requirements:			86 Credits
Musicianship Courses:			
	MUSC 1110	Music Theory I	3
	MUSC 1115	Music Notation and Score Preparation	1
	MUSC 1120	Music Theory II	3
	MUSC 1130	Aural Skills I	1
	MUSC 1140	Aural Skills II	1
	MUSC 1350	Studio Conducting	1
	MUSC 2110	Music Theory III	3
	MUSC 2125	Music Theory IV	3
	MUSC 2130	Aural Skills III	1
	MUSC 2140	Aural Skills IV	1
	MUSC 349G	Global Musical Styles and Ideas GI	3
	MUSC 3450	Music History and Literature I WE	3
	MUSC 3451	Music History and Literature II WE	3
Individual Musicianship Studies:			
	MUSC 250R	Private Lessons for Music Majors (Repeated 4 times on major instrument or voice) (Includes completion of sophomore review)	4
	MUSC 251R	Performance Class (Repeated 4 times on major instrument or voice) (Includes completion of sophomore review)	4
	MUSC 360R	Commercial Music Private Lessons	4
Student must pass the Departmental Keyboard Proficiency Examination for Commercial Music or complete MUSC 1150, MUSC 1160, MUSC 2170, and MUSC 2180			

Large Ensembles:			
Complete 4 credits from the following:			4
	MUSC 322R	Chamber Choir (1)	
	MUSC 327R	Deep Green-Tenor/Bass Choir (1)	
	MUSC 328R	Emerald Singers-Soprano/Alto Choir (1)	
	MUSC 330R	Wind Symphony (1)	
	MUSC 332R	Jazz Orchestra (1)	
	MUSC 370R	Symphony Orchestra (1)	
Complete 4 credits from the following:			4
	MUSC 322R	Chamber Choir (1)	
	MUSC 327R	Deep Green-Tenor/Bass Choir (1)	
	MUSC 328R	Emerald Singers-Soprano/Alto Choir (1)	
	MUSC 331R	Percussion Ensemble (1)	
	MUSC 333R	Small Jazz and Commercial Ensembles (1)	
	MUSC 373R	Advanced Small Ensembles (1)	
Complete the following:			
	MUSC 1400	Music Technology I	2
	MUSC 1402	Music Technology II	2
	MUSC 1410	Survey of Commercial Music Careers	1
	MUSC 1810	Contemporary Theory and Improvisation I	3
	MUSC 2190	Rhythm Section Workshop	1
	MUSC 2210	Contemporary Theory and Improvisation II	2
	MUSC 2400	Digital Audio Workstation	2
	MUSC 2420	Music Production Basics	2
	MUSC 3026	Songwriting II	2
	MUSC 3031	Jazz and Contemporary Arranging II	2
	MUSC 3412	Music Career Development	3
	MUSC 379R	Studio Recording Workshop (Repeated 2 times)	2
	MUSC 470R	Studio Arranging and Producing (Repeated 2 times)	6
	MUSC 481R	Internship in Music II	1
	MUSC 492R	Advanced Topics in Music (Repeated 2 times, 2 credits each)	4
	MUSC 3025	Songwriting I	2
	MUSC 3030	Jazz and Contemporary Arranging I	2
	MUSC 4240	Vocal Pedagogy	2
	MUSC 3415	Instrumental Pedagogy and Literature I	2

Graduation Requirements:

1. Completion of a minimum of 121 semester credits, 40 credits must be upper-division.
2. Overall grade point average of 2.0 (C) or above. MUSC 250R Private Lessons for Music Majors and MUSC 360R Commercial Music Private Lessons require a grade B or higher. All other MUSC courses require a C grade or higher.

3. Residency hours- minimum of 30 credit hours through course attendance at UVU, with at least 10 hours in the last 45 hours.
4. Completion of GE and specified departmental requirements, including a sophomore review and concert attendance requirements.
5. Successful completion of at least one Global/Intercultural course.

Commercial Music, B.M.

Careers

1. Analyze the elements, forms, and processes in music.
2. Evaluate the elements, forms, and processes in music.
3. Describe the major historical periods, composers, styles, and genres of music.
4. Categorize the major historical periods, composers, styles, and genres of music.
5. Assess the major historical periods, composers, styles, and genres of music.
6. Develop musical judgements and self-assess their efforts.
7. Defend musical judgements.
8. Perform associated repertoire with technical proficiency and artistic expression on their instrument or voice.
9. Use collaboration skills in making music.
10. Apply music technology to various commercial music contexts.

Related Careers

- Art, Drama, and Music Teachers, Postsecondary
- Music Directors and Composers
- Sound Engineering Technicians

Music Education, B.S.

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Requirements

The Bachelor of Science in Music Education degree provides students with the competencies essential for a professional career in music secondary education.

Total Program Credits: 129

Matriculation Requirements:		
For acceptance to the B.S. Music Education degree:		
<ol style="list-style-type: none"> 1. Pass performance audition and interview with music faculty. 2. Complete music theory diagnostic exam. Students who do not earn at least 80% on the music department theory diagnostic exam must complete MUSC 1105 before MUSC 1110. 		
Students will apply for formal admission to the Secondary Ed program in the semester prior to the beginning of their junior year. Admission criteria include:		
<ol style="list-style-type: none"> 1. ENGL and MATH QL courses must have a grade C or higher. 2. GPA of 3.0 or higher with no grade lower than a C in content area courses. 3. Completion of all General Education requirements and 70% of content area courses. 4. Pass LiveScan Criminal Background Check. 		
General Education Requirements:		32 Credits
	ENGL 1010	Introduction to Academic Writing CC 3
or	ENGL 1005	Literacies and Composition Across Contexts CC
	ENGL 2010	Intermediate Academic Writing CC 3

Choose one of the following: (Note: A higher level MATH course may substitute for this requirement)		3
	MAT 1030	Quantitative Reasoning QL (3) (recommended for Humanities or Arts majors)
	MAT 1035	Quantitative Reasoning with Integrated Algebra QL (6)
Choose one of the following:		3
	HIST 2700	US History to 1877 AS (3)
and	HIST 2710	US History since 1877 AS (3)
	HIST 1700	American Civilization AS (3)
	HIST 1740	US Economic History AS (3)
	POLS 1000	American Heritage SS (3)
	POLS 1100	American National Government AS (3)
Complete the following:		
	PHIL 2050	Ethics and Values IH 3
	HLTH 1100	Personal Health and Wellness TE 2
or	EXSC 1097	Fitness for Life TE (2)
Distribution Courses:		
	Biology	3
	Physical Science	3
	PHYS 1750	The Acoustics of Music PP (3) (recommended)
	Additional Biology or Physical Science	3
	Humanities	3
	Social/Behavioral Science	3
	PSY 1100	Human Development Life Span SS (3) (recommended)
Discipline Core Requirements:		97 Credits
Music Skills Development Courses		
	MUSC 1110	Music Theory I 3
	MUSC 1115	Music Notation and Score Preparation 1
	MUSC 1120	Music Theory II 3
	MUSC 1130	Aural Skills I 1
	MUSC 1140	Aural Skills II 1
	MUSC 1390	Survey of Recording Techniques 1
	MUSC 2110	Music Theory III 3
	MUSC 2125	Music Theory IV 3
	MUSC 2130	Aural Skills III 1
	MUSC 2140	Aural Skills IV 1
	MUSC 2350	Fundamentals of Conducting 2
	MUSC 349G	Global Musical Styles and Ideas 3
	MUSC 3450	Music History and Literature I WE 3
	MUSC 3451	Music History and Literature II WE 3
	MUSC 4130	Scoring and Arranging 2
Prescribed Music Education Courses		
	MUSC 1800	Introduction to Music Education 3
	MUSC 3409	Secondary General Music Methods 2

Music

	MUSC 4780	Pre-Service Student Teaching	2
	MUSC 4785	Student Teaching Seminar	2
Complete one of these choral/instrumental tracks:			13
Choral students complete these 13 credits:			
	MUSC 2001	Diction for Singers I (1)	
	MUSC 2002	Diction for Singers II (1)	
	MUSC 3620	Percussion Techniques I (1)	
	MUSC 3630	Vocal Techniques (1)	
	MUSC 4240	Vocal Pedagogy (2)	
	MUSC 4150	Advanced Choral Conducting (2)	
	MUSC 4220	Choral Literature and Methods (2)	
	MUSC 4221	Advanced Choral Literature and Methods (2)	
Complete 1 credit of MUSC courses not already required for the degree (1)			
Band students complete these 13 credits:			
	MUSC 3620	Percussion Techniques I (1)	
	MUSC 3630	Vocal Techniques (1)	
	MUSC 3649	String Techniques I (1)	
	MUSC 3659	Woodwind Techniques I (1)	
	MUSC 3679	Brass Techniques I (1)	
	MUSC 3150	Advanced Instrumental Conducting (2)	
	MUSC 3690	Jazz Techniques (1)	
	MUSC 4340	Marching Band Techniques (1)	
	MUSC 4360	Instrumental Literature and Methods (2)	
	MUSC 4370	Advanced Instrumental Literature and Methods (2)	
Orchestra students complete 13 credits:			
	MUSC 3415	Instrumental Pedagogy and Literature I (2)	
	MUSC 3620	Percussion Techniques I (1)	
	MUSC 3630	Vocal Techniques (1)	
	MUSC 3649	String Techniques I (1)	
	MUSC 3679	Brass Techniques I (1)	
	MUSC 3659	Woodwind Techniques I (1)	
	MUSC 3150	Advanced Instrumental Conducting (2)	
	MUSC 4360	Instrumental Literature and Methods (2)	
	MUSC 4370	Advanced Instrumental Literature and Methods (2)	
Performance Skills Development Courses			
	MUSC 250R	Private Lessons for Music Majors (1) (Repeated 4 times on major instrument or voice) (Includes completion of sophomore review)	4
	MUSC 251R	Performance Class (1) (Repeated 4 times on major instrument or voice) (Includes completion of sophomore review)	4

	MUSC 450R	Advanced Private Lessons for Music Majors (1) (Repeated 2 times on major instrument or voice) (Includes completion of 30-minute senior recital)	2
	MUSC 451R	Performance Class (1) (Repeated 2 times)	2
Student must pass the Departmental Keyboard Proficiency Examination or complete MUSC 1150 , MUSC 1160 , MUSC 2150 , and MUSC 2160			
Complete 6 credits from the following (as assigned):			6
	MUSC 322R	Chamber Choir (1)	
	MUSC 327R	Deep Green-Tenor/Bass Choir (1)	
	MUSC 328R	Emerald Singers-Soprano/Alto Choir (1)	
	MUSC 330R	Wind Symphony (1)	
	MUSC 332R	Jazz Orchestra (1)	
	MUSC 370R	Symphony Orchestra (1)	
Secondary Education Courses			
	EDEL 1010	Introduction to Education	2
	EDSC 3000	Educational Psychology	3
	EDSC 325G	Equitable Technology Integration GI	2
	EDSP 340G	Exceptional Students GI	2
	EDSC 4440	Content Area Literacies	3
	EDSC 445G	Multicultural Instruction ESL GI	3
	EDSC 455G	Secondary Curriculum Instruction and Assessment GI	3
	EDSC 4850	Student Teaching Secondary (4-10)	6
	EDSC 4990	Teacher Performance Assessment Project WE	2

Graduation Requirements:

- Completion of a minimum of 129 semester credits.
- Overall Grade of 3.0 (B) or above with no grade lower than a C or better in major required content courses and no grade lower than a B- in Licensure and Methods courses.
 - [MUSC 250R](#) Private Lessons for Music Majors and [MUSC 450R](#) Advanced Private Lessons for Music Majors courses require a grade B or higher.
 - [MUSC 4220](#) Choral Literature and Methods, [MUSC 4221](#) Advanced Choral Literature and Methods, [MUSC 4360](#) Instrumental Literature and Methods, and [MUSC 4370](#) Advanced Instrumental Literature and Methods require a grade B- or higher.
- Residency hours: minimum of 34 credit hours through course attendance at UVU, with at least 10 hours in the last 45 hours.
- Completion of GE and specified departmental requirements, including a sophomore review, 30-minute senior recital, and concert attendance requirements.
- Successful completion of at least one Global/Intercultural course.

Music Education, B.S.

Careers

- Performance: Students will perform music on a primary instrument or voice from a broad historical and stylistic range of solo and ensemble repertoire with technique, accuracy, expressivity, stage presence, and creativity
- Aural and Visual Analysis: Students will identify musical elements and organizational patterns through aural and visual analysis

3. Music History: Students will demonstrate the application of knowledge related to the history of music, including various time periods, historical figures, styles and genres in Western and non-Western musical traditions.
4. Keyboard Skills: Students will demonstrate proficiency in keyboard techniques and fingerings through the performance of scales, sight-reading, prepared musical pieces, harmonization, and improvisation.
5. Scoring and Arranging: Students will create coherent and artistic arrangements for instrumental and/or vocal ensembles using industry standard music notation software.
6. Literature, Methods, and Teaching: Students will demonstrate an understanding of literature, methodology, and administration of a school choral or instrumental program. Students will demonstrate proficiency in teaching skills including classroom management, rehearsal techniques, creating assessments for instruction to various ages and skill levels, and the ability to diagnose and correct musical and technical faults.
7. Conducting: Students will demonstrate clarity and expressivity in conducting gesture (with and without baton), proficiency in score reading, and communicating musical ideas to an ensemble.

Related Careers

- Education Teachers, Postsecondary
- Art, Drama, and Music Teachers, Postsecondary
- Middle School Teachers, Except Special and Career/Technical Education
- Secondary School Teachers, Except Special and Career/Technical Education

Music, B.A.

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Requirements

The Bachelor of Arts/Science in Music is a liberal arts degree with a significant component of electives designed for students who desire a broad base of knowledge. The Bachelor of Arts in Music includes foreign language requirements.

Total Program Credits: 120

Matriculation Requirements:		
1. Pass performance audition and interview with music faculty.		
2. Complete music theory diagnostic exam. Students who do not earn at least 80% on the music department theory diagnostic exam must complete MUSC 1105 and MUSC 1110.		
General Education Requirements:		33 Credits
	ENGL 1010	Introduction to Academic Writing CC
or	ENGL 1005	Literacies and Composition Across Contexts CC (5)
	ENGL 2010	Intermediate Academic Writing CC
Choose one of the following: (A higher level MATH course may substitute for this requirement.)		3
	MAT 1030	Quantitative Reasoning QL (3) (recommended for Humanities or Arts majors)
	MAT 1035	Quantitative Reasoning with Integrated Algebra QL (6)
Choose one of the following:		3
	POLS 1000	American Heritage SS (3)

	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	
	HIST 1700	American Civilization AS (3)	
	HIST 1740	US Economic History AS (3)	
	POLS 1100	American National Government AS (3)	

Complete the following:

	PHIL 2050	Ethics and Values IH	3
	HLTH 1100	Personal Health and Wellness TE (2)	
or	EXSC 1097	Fitness for Life TE	2

Distribution Courses:

	Biology		3
	Physical Science		3
	PHYS 1750	The Acoustics of Music PP (3) (recommended)	
	Additional Biology or Physical Science		3
	Humanities Distribution (Fulfilled by completing Foreign Language Course 202G/2020)		4
	Social/Behavioral Science		3
Discipline Core Requirements:			59 Credits

Musicianship Courses

	MUSC 1110	Music Theory I	3
	MUSC 1115	Music Notation and Score Preparation	1
	MUSC 1120	Music Theory II	3
	MUSC 1130	Aural Skills I	1
	MUSC 1140	Aural Skills II	1
	MUSC 1390	Survey of Recording Techniques	1
	MUSC 2110	Music Theory III	3
	MUSC 2125	Music Theory IV	3
	MUSC 2130	Aural Skills III	1
	MUSC 2140	Aural Skills IV	1
	MUSC 349G	Global Musical Styles and Ideas GI	3
	MUSC 3450	Music History and Literature I	3
	MUSC 3451	Music History and Literature II	3

Complete 8 credits of MUSC courses not already required for the degree (at least 6 credits must be upper-division)

Individual Musicianship Studies

	MUSC 250R	Private Lessons for Music Majors (Repeated 4 times on major instrument or voice) (Includes completion of sophomore review)	4
	MUSC 251R	Performance Class (Repeated 4 times on major instrument or voice) (Includes completion of sophomore review)	4
	MUSC 450R	Private Lessons for Music Majors (Repeated 4 times on major instrument or voice)	4
	MUSC 451R	Performance Class (Repeated 4 times on major instrument or voice)	4

Music

Student must pass the Departmental Keyboard Proficiency Examination or complete MUSC 1150, MUSC 1160, MUSC 2150, and MUSC 2160		
Ensembles		
Complete 8 credits from the following:		8
MUSC 322R	Chamber Choir (1)	
MUSC 327R	Deep Green - Tenor/Bass Choir (1)	
MUSC 328R	Emerald Singers-Soprano/Alto Choir (1)	
MUSC 330R	Wind Symphony (1)	
MUSC 332R	Jazz Orchestra (1)	
MUSC 370R	Symphony Orchestra (1)	
Elective Requirements:		28 Credits
One Foreign Language		12
Complete any courses 1000 level or higher (may not include MUSC courses) (at least 9 credits must be upper-division, see graduation requirements)		16

Graduation Requirements:

1. Completion of a minimum of 120 semester credits, 40 credits must be upper-division.
2. Overall grade point average of 2.0 (C) or above. MUSC 250R Private Lessons for Music Majors and MUSC 450R Advanced Private Lessons for Music Majors require a grade B or higher. All other MUSC courses require a C grade or higher.
3. Residency hours- minimum of 30 credit hours through course attendance at UVU, with at least 10 hours in the last 45 hours.
4. Completion of GE and specified departmental requirements, including a sophomore review and concert attendance requirements.
5. For the BA degree, completion of 16 credit hours of course work from one language to include the 1010, 1020, 2010, and 202G/2020 levels or transferred equivalents.
6. Successful completion of at least one Global/Intercultural course.

Music, B.A.

Careers

1. Analyze the elements, forms, and processes in music.
2. Evaluate the elements, forms, and processes in music.
3. Describe the major historical periods, composers, styles, and genres of music.
4. Categorize the major historical periods, composers, styles, and genres of music.
5. Assess the major historical periods, composers, styles, and genres of music.
6. Develop musical judgements and self-assess their efforts.
7. Defend musical judgements.
8. Perform associated repertoire with technical proficiency and artistic expression on their instrument or voice.
9. Use collaboration skills in making music.

Related Careers

- Secondary School Teachers, Except Special and Career/Technical Education
- Musicians and Singers

Music, B.S.

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Requirements

The Bachelor of Arts/Science in Music is a liberal arts degree with a significant component of electives designed for students who desire a broad base of knowledge. The Bachelor of Arts in Music includes foreign language requirements.

Total Program Credits: 120

Matriculation Requirements:		
1. Pass performance audition and interview with music faculty.		
2. Complete music theory diagnostic exam. Students who do not earn at least 80% on the music department theory diagnostic exam must complete MUSC 1105 before MUSC 1110.		
General Education Requirements:		32 Credits
ENGL 1010	Introduction to Academic Writing CC	3
or	ENGL 1005	Literacies and Composition Across Contexts CC (5)
	ENGL 2010	Intermediate Academic Writing CC
Choose one of the following: (Note: A higher level MATH course may substitute for the requirement.)		3
MAT 1030	Quantitative Reasoning QL (3) (recommended for Humanities or Arts majors)	
MAT 1035	Quantitative Reasoning with Integrated Algebra QL (6)	
Choose one of the following:		3
POLS 1000	American Heritage SS (3)	
HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)
	HIST 1700	American Civilization AS (3)
	HIST 1740	US Economic History AS (3)
	POLS 1100	American National Government AS (3)
Complete the following:		
PHIL 2050	Ethics and Values IH	3
HLTH 1100	Personal Health and Wellness TE (2)	
or	EXSC 1097	Fitness for Life TE
Distribution Courses:		
	Biology	3
	Physical Science	3
PHYS 1750	The Acoustics of Music PP (3) (recommended)	
	Additional Biology or Physical Science	3
	Humanities Distribution	3
	Social/Behavioral Science	3
Discipline Core Requirements:		59 Credits
Musicianship Courses		
MUSC 1110	Music Theory I	3
MUSC 1115	Music Notation and Score Preparation	1
MUSC 1120	Music Theory II	3
MUSC 1130	Aural Skills I	1
MUSC 1140	Aural Skills II	1

	MUSC 1390	Survey of Recording Techniques	1
	MUSC 2110	Music Theory III	3
	MUSC 2125	Music Theory IV	3
	MUSC 2130	Aural Skills III	1
	MUSC 2140	Aural Skills IV	1
	MUSC 349G	Global Musical Styles and Ideas GI	3
	MUSC 3450	Music History and Literature I WE	3
	MUSC 3451	Music History and Literature II WE	3
Complete 8 credits of MUSC courses not already required for the degree (at least 3 credits must be upper-division)			8
Individual Musicianship Studies			
	MUSC 250R	Private Lessons for Music Majors (Repeated 4 times on major instrument or voice) (Includes completion of sophomore review)	4
	MUSC 251R	Performance Class (Repeated 4 times on major instrument or voice) (Includes completion of sophomore review)	4
	MUSC 450R	Private Lessons for Music Majors (Repeated 4 times on major instrument or voice)	4
	MUSC 451R	Performance Class (Repeated 4 times on major instrument or voice)	4
Student must pass the Departmental Keyboard Proficiency Examination or complete MUSC 1150, MUSC 1160, MUSC 2150, and MUSC 2160			
Ensembles			
Complete 8 credits from the following:			8
	MUSC 322R	Chamber Choir (1)	
	MUSC 327R	Deep Green-Tenor/Bass Choir (1)	
	MUSC 328R	Emerald Singers-Soprano/Alto Choir (1)	
	MUSC 330R	Wind Symphony (1)	
	MUSC 332R	Jazz Orchestra (1)	
	MUSC 370R	Symphony Orchestra (1)	
Elective Requirements:			29 Credits
	Complete any courses 1000 level or higher (may not include MUSC courses) (at least 9 credits must be upper-division, see graduation requirements)		29

Graduation Requirements:

1. Completion of a minimum of 120 semester credits, 40 credits must be upper-division.
2. Overall grade point average of 2.0 (C) or above. MUSC 250R Private Lessons for Music Majors and MUSC 450R Advanced Private Lessons for Music Majors courses require a grade B or higher. All other MUSC courses require a C grade or higher.
3. Residency hours- minimum of 30 credit hours through course attendance at UVU, with at least 10 hours in the last 45 hours.
4. Completion of GE and specified departmental requirements, including a sophomore review and concert attendance requirements.
5. Successful completion of at least one Global/Intercultural course.

Music, B.S.**Careers**

1. Performance: Students will perform music on a primary instrument or voice from a broad historical and stylistic range of solo and ensemble repertoire with technique, accuracy, expressivity, stage presence, and creativity
2. Aural and Visual Analysis: Students will identify musical elements and organizational patterns through aural and visual analysis
3. Music History: Students will demonstrate the application of knowledge related to the history of music, including various time periods, historical figures, styles and genres in Western and non-Western musical traditions.
4. Keyboard Skills: Students will demonstrate proficiency in keyboard techniques and fingerings through the performance of scales, sight-reading, prepared musical pieces, harmonization, and improvisation.

Related Careers

- Secondary School Teachers, Except Special and Career/Technical Education
- Musicians and Singers

Performance, B.M.

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Requirements

The Bachelor of Music in Performance degree prepares students for performance-related work and studio teaching. In addition to standard courses that focus on performance skills, it includes courses relevant to the music industry such as entrepreneurship, music technology, and studio recording.

Total Program Credits: 120

Matriculation Requirements			
<ol style="list-style-type: none"> 1. Pass performance audition and interview with music faculty. 2. Complete music theory diagnostic exam. Students who do not earn at least 80% on the music department theory diagnostic exam must complete MUSC 1105 before MUSC 1110. 			
General Education Requirements:			32 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGL 1005	Literacies and Composition Across Context CC (5)	
	ENGL 2010	Intermediate Academic Writing CC	3
Choose one of the following: (Note: A higher level MATH course may substitute for this requirement)			3
	MAT 1030	Quantitative Reasoning QL (3) (recommended for Humanities or Arts majors)	
	MAT 1035	Quantitative Reasoning with Integrated Algebra QL (6)	
Choose one of the following:			3
	POLS 1000	American Heritage SS (3)	
	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	
	HIST 1700	American Civilization AS (3)	
	HIST 1740	US Economic History AS (3)	

Music

	POLS 1100	American National Government AS (3)	
Complete the following			
	PHIL 2050	Ethics and Values IH	3
	HLTH 1100	Personal Health and Wellness TE (2)	
or	EXSC 1097	Fitness for Life TE	2
Distribution Courses:			
	Biology		3
	Physical Science		3
	PHYS 1750	The Acoustics of Music PP (3) (recommended)	
	Additional Biology or Physical Science		3
	Humanities Distribution		3
	Social/Behavioral Science		3
Discipline Core Requirements:			88 Credits
Musicianship Courses:			
	MUSC 1110	Music Theory I	3
	MUSC 1120	Music Theory II	3
	MUSC 1130	Aural Skills I	1
	MUSC 1140	Aural Skills II	1
	MUSC 2110	Music Theory III	3
	MUSC 2125	Music Theory IV	3
	MUSC 2130	Aural Skills III	1
	MUSC 2140	Aural Skills IV	1
	MUSC 2350	Fundamentals of Conducting	2
	MUSC 349G	Global Musical Styles and Ideas GI	3
	MUSC 3450	Music History and Literature I WE	3
	MUSC 3451	Music History and Literature II WE	3
Music Industry and Technology			
	MUSC 1115	Music Notation and Score Preparation	1
	MUSC 1390	Survey of Recording Techniques	1
	MUSC 3412	Music Career Development	3
Choose two credits from the following:			2
	MUSC 1402	Music Technology II (2)	
	MUSC 1810	Contemporary Theory and Improvisation I (3)	
	MUSC 2400	Digital Audio Workstation (2)	
	MUSC 2420	Music Production Basics (2)	
	MUSC 3025	Songwriting I (2)	
	MUSC 379R	Studio Recording Workshop (1)	
	MUSC 470R	Studio Arranging and Producing (3)	
Individual Musicianship Studies:			
	MUSC 250R	Private Lessons for Music Majors (Repeated 4 times on major instrument or voice) (Includes completion of sophomore review)	4
	MUSC 251R	Performance Class (Repeated 4 times on major instrument or voice) (Includes completion of sophomore review)	4

	MUSC 455R	Private Lessons for Music Performance Majors (Repeated 4 times on major instrument or voice)	8
	MUSC 451R	Performance Class (Repeated 4 times on major instrument or voice)	4
	MUSC 3800	Junior Recital	1
	MUSC 4800	Senior Recital	1
Student must pass the Departmental Keyboard Proficiency Examination or complete MUSC 1150, MUSC 1160, MUSC 2150, and MUSC 2160			
Large Ensembles:			
Complete 8 credits from the following:			8
	MUSC 322R	Chamber Choir (1)	
	MUSC 327R	Deep Green - Tenor/Bass Choir (1)	
	MUSC 328R	Emerald Singers-Soprano/Alto Choir (1)	
	MUSC 330R	Wind Symphony (1)	
	MUSC 332R	Jazz Orchestra (1)	
	MUSC 370R	Symphony Orchestra (1)	
Choose from one of the following performance areas:			24
Instrumental Performance/Piano Performance			
	MUSC 306R	Advanced Keyboard Skills (1) (For Piano Performance area only) (Repeated 4 times)	
	MUSC 3415	Instrumental Pedagogy and Literature I (2)	
	MUSC 3416	Instrumental Pedagogy and Literature II (2)	
	MUSC 373R	Advanced Small Ensembles (1) (Repeated 4 times)	
12 credits of music electives for Piano Performance area and 16 credits of music electives for Instrumental Performance area.			
Vocal Performance			
	MUSC 2001	Diction for Singers I (1)	
	MUSC 2002	Diction for Singers II (1)	
	MUSC 3005	Vocal Literature I (1)	
	MUSC 3006	Vocal Literature II (1)	
	MUSC 423R	Opera Workshop (1) (Repeated 4 times)	
	MUSC 4240	Vocal Pedagogy (2)	
	FREN 1010	Beginning French I LH (4)	
	GER 1010	Beginning German I LH (4)	
	FREN 1020	Beginning French II LH (4)	
or	GER 1020	Beginning German II LH (4)	
2 credits of music electives for Vocal Performance			

Graduation Requirements:

1. Completion of a minimum of 120 semester credits, 40 credits must be upper-division.
2. Overall grade point average of 2.0 (C) or above. MUSC 250R Private Lessons for Music Majors and MUSC 455R Private Lessons for Music Performance Majors require a grade B or higher. All other MUSC courses require a C grade or higher.

3. Residency hours- minimum of 30 credit hours through course attendance at UVU, with at least 10 hours in the last 45 hours.
4. Completion of GE and specified departmental requirements, including a sophomore review and concert attendance requirements.
5. Successful completion of at least one Global/Intercultural course.

Performance, B.M.

Careers

1. Analyze the elements, forms, and processes in music.
2. Evaluate the elements, forms, and processes in music.
3. Describe the major historical periods, composers, styles, and genres of music.
4. Categorize the major historical periods, composers, styles, and genres of music.
5. Assess the major historical periods, composers, styles, and genres of music.
6. Develop musical judgements and self-assess their efforts.
7. Defend musical judgements.
8. Perform associated repertoire with technical proficiency and artistic expression on their instrument or voice.
9. Use collaboration skills in making music.
10. Apply pedagogical skills in their area by appropriately critiquing student work and designing an applicable learning strategy.
11. Perform on their instrument or voice in an exemplary manner that demonstrates a high level of achievement and career potential.

Related Careers

- Art, Drama, and Music Teachers, Postsecondary
- Music Directors and Composers
- Musicians and Singers

Nursing

DEPARTMENT CHAIR

MAUGHAN, Dale *Associate Professor*

FACULTY

BAGLEY, Katie *Associate Professor*

BENNETT, Sean *Associate Professor*

BRUNGER, Candice *Assistant Professor*

CHEN, Hsiu-Chin *Professor*

COLE, Joy *Associate Professor*

CRAVEN, Marianne *Professor*

DUNN, Stephanie *Assistant Professor*

ENSIGN, Allison *Assistant Professor*

GAUL, Raiden *Assistant Professor*

HANSEN, Halie *Assistant Professor*

HIGBEE, Mykin *Assistant Professor*

JENSEN, Francine B. *Assistant Professor*

JOHNSON, Jill *Assistant Professor*

KLEINMAN, Phillip *Assistant Professor*

MAUGHAN, Dale *Associate Professor*

MCADAMS-JONES, Dianne *Professor*

MEASOM, Gary *Professor*

MONSON, Natalie *Assistant Professor*

MUELLER, Katherine D. *Associate Professor*

NELSON, Troy *Associate Professor*

NICHOLS, Nyree-Dawn *Associate Professor*

RUSSELL, Jamie *Assistant Professor*

SEAGROVE-NELSON, Frey *Assistant Professor*

SWENSON, Allison *Associate Professor*

TAYLOR, Noelle *Assistant Professor*

WAYMAN, Mina *Associate Professor*

Degrees & Programs

Nursing, ASN

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Requirements

The UVU Nursing Program is a student-centered engaged learning experience where faculty facilitates learning nursing care through simulation and patient care. The Associate in Science in Nursing w/ BSN Completion (ASN) program prepares the graduate to function individually as a member of the healthcare team in structured healthcare settings in which clients have common health problems. Acceptance into the ASN program is by a competitive, point-based application process. Prerequisite courses must be completed before applying to the program. For more information on applying to the ASN program see our website at www.uvu.edu/nursing or contact the Pre-Nursing advisors in LC 404 at 863-6484. After completing the 4 semesters of the ASN program, students would be eligible to graduate with an ASN and apply to take the NCLEX-RN exam. Graduates of the ASN program would be eligible to remain in the program, and seamlessly transition to the Bachelor of Science in Nursing (BSN) portion of the program. BSN completion takes an additional 2 full time semesters if students have also completed all the GE requirements, ZOOL 4400, and MATH 1040 or MATH 2040.

Total Program Credits: 71

Matriculation Requirements:			
1. Acceptance into Nursing program (see Advisor for current prerequisite requirements)			
General Education Requirements:			23 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGH 1005	Literacies and Composition Across Contexts CC (5)	
	ENGH 2010	Intermediate Academic Writing CC	3
Complete one of the following:			3
	MAT 1030	Quantitative Reasoning QL (3)	
	MAT 1035	Quantitative Reasoning with Integrated Algebra QL (6)	
	STAT 1040	Introduction to Statistics QL (3)	
	STAT 1045	Introduction to Statistics with Algebra QL (5)	
	MATH 1050	College Algebra QL (4)	
	MATH 1055	College Algebra with Preliminaries QL (5)	
Complete the following:			
	NUTR 1020	Foundations of Human Nutrition	3
	PSY 1100	Human Development Life Span SS	3
	BIOL 1610	College Biology I BB	4
	CHEM 1110	Elementary Chemistry for the Health Sciences PP	4
Discipline Core Requirements:			48 Credits
Complete the following with a minimum B- or higher:			
	MICR 2060	Microbiology for Health Professions BB	3
	MICR 2065	Microbiology for Health Professions Laboratory	1
	ZOOL 2320	Human Anatomy BB	3
	ZOOL 2325	Human Anatomy Laboratory	1
	ZOOL 2420	Human Physiology	3
	ZOOL 2425	Human Physiology Laboratory	1
	NURS 3330	Nursing Care of Individuals with Complex Health Needs	2
	NURS 3400	Patient Care Coordination and Management	1
	NURS 3405	Patient Care Coordination and Management Preceptorship	2
	NURS 3440	Pharmacology for the Practicing Nurse	2
	NURS 3445	Nursing Practice Simulation and Skills Lab IV	1
Choose one of the following tracks			28
Direct RN Path:			
	NURS 2300	Nursing Health Assessment	1
	NURS 2305	Nursing Health Assessment Laboratory	1
	NURS 2310	Nursing Pharmacology	3

	NURS 2320	Fundamentals of Nursing Care	2
	NURS 2325	Nursing Practice Simulation and Skills Lab I	2
	NURS 2410	Nursing Care of Adults with Common Health Needs	3
	NURS 2415	Nursing Care of Adults with Common Health Needs Clinical	2
	NURS 2420	Nursing Care of the Aging Population	2
	NURS 2430	Mental Health Nursing	2
	NURS 2435	Mental Health Nursing Clinical	1
	NURS 3335	Nursing Care of Individuals with Complex Health Needs Clinical	2
	NURS 3340	Nursing Care of Women, Children, and Developing Families	3
	NURS 3345	Nursing Care of Women, Children, and Developing Families Clinical	1
	NURS 2445	Nursing Practice Simulation and Skills Lab II	1
	NURS 3355	Nursing Practice Simulation and Skills Lab III	1
LPN Track-For students with LPN license:			
Students must bring in an LPN certificate			
	NURS 2210	Practical Nurse to Registered Nurse	1
	NURS 3365	LPN Simulation/Skills Lab and Clinical Experience	5

Graduation Requirements:

1. Completion of a minimum of 71 semester credits.
2. Overall grade point average of 2.0 (C) or above. (Departments may require a higher GPA.)
3. Residency hours-- minimum of 20 credit hours through course attendance at UVU.
4. Completion of specified departmental requirements

**Nursing, ASN
Careers**

1. Implement skills to meet the individualized needs of patients in healthcare settings.
2. Use established evidence-based nursing protocols in providing Nursing care for patients.
3. Use sound judgment and critical reflection of clinical data to prioritize nursing care.
4. Demonstrate professional attributes including commitment to high ethical standards, continuing education and the ability to collaborate with health care teams.
5. Apply standards of quality and safety in clinical practice.
6. Evaluate the effectiveness of nursing care and teaching plans in promoting safety for patients.
7. Integrate and evaluate personal responsibility and accountability in all aspects of nursing practice

Related Careers

- Nursing Instructors and Teachers, Postsecondary
- Registered Nurses

Nursing, B.S.

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Requirements

A bachelor of science in nursing degree prepares students to practice across all types of health care settings. A BSN provides the greatest opportunity for advancement in the nursing field. A BSN is also required for entry into most graduate nursing programs including nurse practitioner, certified nurse anesthetist, nursing educator, or nurse researcher. Students interested in the BSN would first need to complete the ASN program. Acceptance into the ASN program is by a competitive, point-based application process. Prerequisite courses must be completed before applying to the program. For more information on applying to the ASN program see our website at www.uvu.edu/nursing or contact the Pre-Nursing advisors in LC 404 at 863-6484. After completing the 4 semesters of the ASN program, students would be eligible to graduate with an ASN and apply to take the NCLEX-RN exam. Graduates of the ASN program would be eligible to remain in the program, and seamlessly transition to the Bachelor of Science in Nursing (BSN) portion of the program. The BSN at UVU is a completion program and students who are not entering directly from the UVU ASN program must be licensed RNs prior to admission. For more information on entering the program if you are already an RN see the RN to BSN program at www.uvu.edu/nursing.

Total Program Credits: 121

Matriculation Requirements:			
<ol style="list-style-type: none"> 1. Associate of Science in Nursing 2. RN licensure complete. Prerequisite coursework: <ol style="list-style-type: none"> a. ENGL 1010 Introduction to Writing or ENGH 1005 Literacies & Composition Across Contexts b. Math Quantitative Literacy Course c. PSY 1100 Human Development/Life Span d. CHEM 1110 Elementary Chemistry e. NUTR 1020 Foundations of Human Nutrition f. ZOOL 2320 Human Anatomy w/lab g. MICR 2060 Microbiology w/lab h. ZOOL 2420 Human Physiology w/lab. 3. All prerequisite courses must be completed prior to application. A final grade of C or higher is necessary in all classes except Math Quantitative Literacy 4. Course work must be on an official transcript and articulation into the UVU system by the end of the application period or the application will be considered incomplete 5. Pass/Fail or Credit/No credit grades and ACT scores are not accepted for prerequisite course work. (see Advisor for details) 6. Each application for acceptance into the program is for a specific semester only 			
General Education Requirements:			36 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGH 1005	Literacies and Composition Across Contexts CC (5)	
	ENGL 2010	Intermediate Academic Writing CC	3
Complete one of the following:			3
	MAT 1030	Quantitative Reasoning QL (3)	
	MAT 1035	Quantitative Reasoning with Integrated Algebra QL (6)	
	STAT 1040	Introduction to Statistics QL (3)	
	STAT 1045	Introduction to Statistics with Algebra QL (5)	

Nursing

	MATH 1050	College Algebra QL (4)	
	MATH 1055	College Algebra with Preliminaries QL (5)	
Complete one of the following:			3
	HIST 1700	American Civilization AS (3)	
	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	
	HIST 1740	US Economic History AS (3)	
	POLS 1000	American Heritage SS (3)	
	POLS 1100	American National Government AS (3)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
Distribution Courses			
	BIOL 1610	College Biology I BB	4
	CHEM 1110	Elementary Chemistry for the Health Sciences PP	4
	PSY 1100	Human Development Life Span SS	3
	ZOOL 2320	Human Anatomy BB	3
and	ZOOL 2325	Human Anatomy Laboratory	1
	Humanities Distribution		3
	Fine Arts Distribution		3
Discipline Core Requirements:			84 Credits
Complete the following with a minimum C or higher:			
	NURS 2300	Nursing Health Assessment	2
	NURS 2305	Nursing Health Assessment Laboratory	1
	NURS 2310	Nursing Pharmacology	3
	NURS 2320	Fundamentals of Nursing Care	2
	NURS 2325	Nursing Practice Simulation and Skills Lab I	2
	NURS 2410	Nursing Care of Adults with Common Health Needs	3
	NURS 2415	Nursing Care of Adults with Common Health Needs Clinical	2
	NURS 2420	Nursing Care of the Aging Population	2
	NURS 2430	Mental Health Nursing	2
	NURS 2435	Mental Health Nursing Clinical	1
	NURS 2445	Nursing Practice Simulation and Skills Lab II	1
	NURS 3330	Nursing Care of Individuals with Complex Health Needs	2
	NURS 3335	Nursing Care of Individuals with Complex Health Needs Clinical	2
	NURS 3340	Nursing Care of Women Children and Developing Families	3
	NURS 3345	Nursing Care of Women Children and Developing Families Clinical	1
	NURS 3355	Nursing Practice Simulation and Skills Lab III	1
	NURS 3400	Patient Care Coordination and Management	1

	NURS 3405	Patient Care Coordination and Management Preceptorship	2
	NURS 3440	Pharmacology for the Practicing Nurse	2
	NURS 3445	Nursing Practice Simulation and Skills Lab IV	1
	NURS 4320	Nursing in the Community	2
	NURS 4230	Palliative Care in Nursing	3
	NURS 441G	Nursing in Global Perspective GI	3
	NURS 4325	Nursing in the Community Clinical	1
	NURS 4340	Genomics in Nursing and Health	2
	NURS 4500	Nursing Leadership	3
	NURS 4520	Navigating Health Systems	3
	NURS 4510	Clinical Assessment and Reasoning	2
	NURS 4540	Research and Theory in Nursing Practice WE	4
	NURS 4550	Quality and Safety in Nursing WE	3
	MICR 2060	Microbiology for Health Professions BB	3
	MICR 2065	Microbiology for Health Professions Laboratory	1
	NUTR 1020	Foundations of Human Nutrition	3
	ZOO 2420	Human Physiology	3
	ZOO 2425	Human Physiology Laboratory	1
	ZOO 4400	Pathophysiology	4
	University-level statistics course		3
	MGMT 2340	Business Statistics I (3)	
	PSY 3110	Statistics for the Behavioral Sciences (4)	
	STAT 1040	Introduction to Statistics QL (3)	
	STAT 1040 and STAT 1045 can be used only if not used for GE.		
	Complete a minimum of 5 credits of adviser approved electives, a minimum of 2 from any upper-division nursing courses, not otherwise required for the Bachelor of Science degree.		5
	RNs returning to complete BS in Nursing should contact the nursing advisor for requirements.		

Graduation Requirements:

1. Completion of a minimum of 121 semester credits.
2. Overall grade point average of 2.0 (C) or above. (Departments may require a higher GPA.)
3. Completion of GE and specified departmental requirements.
4. Residency hours--minimum of 30 credit hours through course attendance at UVU.
5. Successful completion of at least one Global/Intercultural course.

Nursing, B.S. Careers

1. Integrate knowledge and clinical expertise to help patients achieve optimal health outcomes.
2. Use clinical judgment, critical reflection, and technology to plan, implement, and evaluate theory- and evidence-based nursing practice.
3. Demonstrate team-building and collaboration strategies in health systems, guided by nursing values and standards.

4. Establish and maintain a culture of safety in a variety of health care settings by applying standards, theories, and quality improvement.

Related Careers

- Nursing Instructors and Teachers, Postsecondary
- Registered Nurses

Nursing Graduate Programs

FACULTY

CHEN, Hsiu-Chin *Professor*

CRAVEN, Marianne *Professor*

MAUGHAN, Dale *Associate Professor*

MCADAMS-JONES, Dianne *Professor*

MEASOM, Gary *Professor*

Degrees & Programs

Nursing, M.S.N

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Requirements

The Master of Science in Nursing program prepares post-baccalaureate nursing students for advanced practice roles as nurse educators in academic settings and/or clinical nurse educators in healthcare institutions. The program includes core courses essential to master-level nursing programs as well as courses designed to prepare nurses to assume roles as academic nurse educators and/or clinical nurse educators. Program content focuses on theoretical foundations of nursing education and leadership; tests and measurements of learning outcomes; curriculum development, implementation and evaluation; and academic and clinical teaching. Program courses provide skills and strategies for facilitation of learning in a variety of settings.

Total Program Credits: 34

Matriculation Requirements:			
1. Baccalaureate degree in nursing from a program accredited by a recognized nursing accreditation agency.			
2. Current licensure as an RN in Utah or eligible for RN licensure in Utah.			
3. Completion of an undergraduate course in statistics to include descriptive and inferential statistics.			
4. Application for admission to the MSN program.			
5. Overall undergraduate GPA of 3.2 or higher, or GPA of 3.2 or higher in last 60 semester hours of undergraduate coursework.			
6. Three professional letters of recommendation.			
Discipline Core Requirements:			34 Credits
	NURS 6000	Leadership Development	2
	NURS 6050	Nursing Informatics	2
	NURS 6200	Advanced Nursing Theory	2
	NURS 6250	Advanced Nursing Research	3
	NURS 6300	Advanced Nursing in Health Systems and Policy	2
	NURS 6350	Patho/Pharmacology for the Nurse Educator	3
	NURS 6450	Health Assessment for the Nurse Educator	3
	NURS 6500	Curriculum Design and Development	3
	NURS 6600	Teaching Nursing in the Classroom Setting	2
	NURS 6605	Teaching Nursing in the Classroom Setting Practicum	2
	NURS 6650	Teaching Nursing in the Clinical Setting	2

	NURS 6655	Teaching Nursing in the Clinical Setting Practicum	2
	NURS 6700	Evaluation of Learning Outcomes	3
	NURS 6795	Synthesis of Teaching Practice Practicum	3

Graduation Requirements:

1. Complete all discipline core courses with no grade lower than a B
2. Project or thesis completed and accepted by Department of Nursing Graduate Committee

Nursing, M.S.N

Careers

1. Facilitate the development, implementation and evaluation of health policy and health care delivery.
2. Critically evaluate research and evidence applying standards of reliability and validity.
3. Apply research and evidence with appropriate discrimination and discernment.
4. Gather, evaluate, and utilize evidence for the improvement of patient outcomes.
5. Function as a leader in the professional healthcare team. Function as a change agent at the point of care and within the health care system.
6. Develop and implement programs to achieve educational outcomes based on learners' needs.
7. Create products that advance the science of nursing at the point of care in health care delivery, nursing education, or safety and quality practices.

Related Careers

- Nursing Instructors and Teachers, Postsecondary
- Registered Nurses

Organizational Leadership

DEPARTMENT CHAIR

WESTOVER, Jonathan Associate Professor

FACULTY

ANDRADE, Maureen Professor

BROWN, Marc Nathaniel Professional in Residence

CHAPMAN, Jared Associate Professor

CUNNINGHAM, Ruthann Assistant Professor

HARVEY, Jaron Assistant Professor

HUO, Yang Hwae Associate Professor

JOHNSON, Russ Professional In Residence

MILLER, Douglas Professor

MOON, Matthew Lecturer

PETERSON, Jeffrey Associate Professor

SCHILL, Angela Lecturer

WESTOVER, Jonathan Associate Professor

Degrees & Programs

Hospitality Management, A.A.S.

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Requirements

The Hospitality Management program in the Woodbury School of Business offers a Bachelor of Science degree in Hospitality Management (as well as supporting a Bachelor of Science degree in Business Management, with an Emphasis in Hospitality Management – listed elsewhere). Associate in Science and Associate in Applied Science degrees are also offered.

Total Program Credits: 63

General Education Requirements:		20 Credits
	ENGLISH:	
	ENGL 1010	Introduction to Academic Writing CC 3
or	ENGH 1005	Literacies and Composition Across Contexts CC (5)
	ENGL 2010	Intermediate Academic Writing CC 3
	MATHEMATICS (Any math class MAT 1010 or higher)	3
	HUMANITIES/FINE ARTS/FOREIGN LANGUAGE	
	Ethics and Values ¹	3
or	Any approved Humanities, Fine Arts, or Foreign Language Distribution Course	
	SOCIAL BEHAVIORAL SCIENCE	
	ECON 1010	Economics as a Social Science 3
or	ECON 2010	Principles of Economics I
	BIOLOGY OR PHYSICAL SCIENCE	
	Any approved Biology or Physical Science Distribution Course	3
	PHYSICAL EDUCATION/HEALTH/SAFETY OR ENVIRONMENT:	

Any approved Physical Education, Health, Safety or Environment Course		2
Discipline Core Requirements:		25 Credits
CA 1000	Culinary Basics	3
HM 1010	Introduction to Hospitality Industry	3
HM 1180	Food and Beverage Management	3
HM 281R	Cooperative Work Experience	4
MKTG 2390	Professional Business Presentations	3
ACC 2110	Principles of Accounting I	3
IM 2600	Spreadsheet Applications ²	3
MKTG 220G	Written Business Communication GI WE	3
Elective Requirements:		18 Credits
Complete 18 hours of Electives numbered 1000 or higher		18
Notes:		
1. PHIL 2050 Ethics and Values IH recommended.		
2. Grade of B- or higher is required for IM 2600.		

Graduation Requirements:

1. Completion of a minimum of 63 semester credits.
2. Overall grade point average of 2.0 (C) or above with no grade lower than a "C-" in hospitality or other Woodbury School of Business Courses.
3. Residency hours--minimum of 20 credit hours through course attendance at UVU; at least 16 credits must be in Woodbury School of Business courses.
4. Completion of GE and specified departmental requirements. Students are responsible for completing all prerequisite courses.

Hospitality Management, A.S.

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Requirements

The Hospitality Management program in the Woodbury School of Business offers a Bachelor of Science degree in Hospitality Management (as well as supporting a Bachelor of Science degree in Business Management, with an Emphasis in Hospitality Management – listed elsewhere). Associate in Science and Associate in Applied Science degrees are also offered.

Total Program Credits: 60

General Education Requirements:		35 Credits
	ENGL 1010	Introduction to Academic Writing CC 3
or	ENGH 1005	Literacies and Composition Across Context CC (5)
	ENGL 2010	Intermediate Academic Writing CC 3
Complete one of the following:		3
	MAT 1030	Quantitative Reasoning QL (3)
	MAT 1035	Quantitative Reasoning with Integrated Algebra QL (6)
	STAT 1040	Introduction to Statistics QL (3)

Organizational Leadership

	STAT 1045	Introduction to Statistics with Algebra QL (5)	
	MATH 1050	College Algebra QL (4)	
	MATH 1055	College Algebra with Preliminaries QL (5)	
	MATH 1090	College Algebra for Business QL (3)	
An Advanced Placement (AP) Mathematics Test with a score of 3 or higher			
Complete one of the following:			3
	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	
	HIST 1700	American Civilization AS (3)	
	HIST 1740	US Economic History AS (3)	
	POLS 1000	American Heritage SS (3)	
	POLS 1100	American National Government AS (3)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
	HLTH 1100	Personal Health and Wellness TE (2)	
or	EXSC 1097	Fitness for Life TE	2
Distribution Courses:			
	Biology		3
	Physical Science		3
	Additional Biology or Physical Science		3
	Humanities Distribution ¹		3
	Fine Arts Distribution		3
	ECON 1010 or ECON 2010	Economics as a Social Science SS or Principles of Principles of Economics I SS	3
Discipline Core Requirements:			18 Credits
	ACC 2110	Principles of Accounting I	3
	HM 1010	Introduction to Hospitality Industry	3
	HM 1180	Food and Beverage Management	3
	HM 2500	Statistics for the Hospitality Industry	3
	MKTG 220G	Written Business Communication GI WE	3
	MKTG 2390	Professional Business Presentations	3
Complete one of the following: ²			
	Business Computer Proficiency Exam		
	IM 2010	Business Computer Proficiency (3)	
Elective Requirements:			7 Credits
Complete seven hours of elective credits from HM, ACC, ECON, DGM, FIN, INFO, LEGL, MGMT, or MKTG courses.			7
Notes:			
1. COMM 1020 Public Speaking HH recommended			
2. Students will be required to complete the Business Computer Proficiency exam with a score of 80 percent or higher or complete the IM 2010 Business Computer Proficiency course with a score of 80 percent or higher.			

Graduation Requirements:

1. Completion of a minimum of 60 semester credits.
2. Overall grade point average of 2.0 (C) or above with no grade below a "C-" in hospitality or other Woodbury School of Business courses.
3. Residency hours-- a minimum of 20 credit hours through course attendance at UVU: at least 16 credits must be in Woodbury School of Business
4. Completion of GE and specified departmental requirements. Students are responsible for completing all prerequisite courses.

Organizational Leadership and Change, Certificate of Proficiency

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Requirements

The Organizational Leadership and Change Certificate of Proficiency is an industry certificate that will help both industry professionals interested in bolstering their leadership and change competencies and capabilities, as well as any current UVU student interested in earning a stackable credential on top of their major. Students will learn about ethical decision making within an organizational context, leadership theories and their application to practice, effective people management strategies, and how to effectively lead change initiatives within organizations. Completion of this certificate will allow students to signal organizational leadership and change management expertise to potential or current employers and add organizational leadership and change to round out their portfolio of abilities.

Total Program Credits: 16

Discipline Core:			16 Credits
Complete the following:			
	MGMT 3000	Organizational Behavior WE	3
	MGMT 3020	Individual Action and Corporate Social Responsibility	3
	HR 3430	Introduction to Human Resource Management	3
	MGMT 3500	Leadership Theory and Application WE	3
	HR 3550	Organization Development	3
	MGMT 481R	Internship (See advisor)	1

Graduation Requirements:

1. Complete all required credits. 25% of credits must be taken at UVU. Receive a C- or better in all courses with an overall grade point average of 2.0 or above.

Organizational Leadership and Change, Certificate of Proficiency Careers

1. Comprehension of major legal theories, laws and policies necessary for effective HRM and organizational leadership
2. Effectively respond to organizational opportunities through analytical thinking, problem-solving, ethical awareness, oral and written communications, effective teamwork
3. Ability to design and strategically implement job design, recruitment, selection, retention, training and development, performance management, organizational development, change

management, compensation and benefits, HRIS, and people analytics

Event Planning, Minor

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Requirements

The Minor in Event Planning will require eighteen credit hours of courses currently being offered. The minor provides undergraduate Woodbury Business students an official designation on their transcript, highlighting their specific qualifications in this area. The courses in the minor offer students the opportunity to learn event planning management techniques needed to successfully plan, manage, and execute events. Students who complete these classes will have a clear designation highlighting their preparation for this particular set of skills.

Total Program Credits: 18

Discipline Core Requirements:		15 Credits
MKTG 2390	Professional Business Presentations	3
HM 1180	Food and Beverage Management	3
HM 3210	Event Venue and Convention Management	3
HM 4200	Event Planning	3
HM 4250	Advanced Event Production	3
Elective Requirements:		3 Credits
Choose 3 credits from the Following		3
CA 1000	Culinary Basics (3)	
MKTG 3650	Professional Selling (3)	
ART 1400	Graphic Computer Applications (3)	
COMM 3560	Public Relations Event and Media Coordination (3)	
THEA 1513	Stagecraft I (2)	
and THEA 1514	Stagecraft I Lab (1)	
TECH 3400	Project Management WE (3)	

Graduation Requirements:

1. A minimum of 2.5 GPA

Event Planning, Minor

Careers

Program Learning Outcomes
<ol style="list-style-type: none"> 1. Apply the major concepts, skills and values of the event industry by integrating the concepts of marketing, finance, design, and operations in the management of a range of events. 2. Plan and manage a live event from inception to implementation to evaluation. 3. Communicate effectively to diverse audiences. 4. Apply critical thinking and problem solving to management decisions for events. 5. Demonstrate leadership skills and adapt them to a diverse global market in the event industry.

Related Careers

- Meeting, Convention, and Event Planners

Human Resource Management, Minor

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Requirements

The HRM minor will provide students with practical and applied skills, experience in applying those skills, and a variety of intellectual tools to help them understand HRM in any organization. The proposed classes, engaged pedagogy, and instructors will aim to prepare students for staffing organizations, setting and advising procedures for recruitment, interview, and placement. Additionally, students will be prepared for carrying out disciplinary action, tracking leave and absences, and ensuring health, safety, and development of organizational employees. Students who obtain an HRM minor will also be understand labor law issues.

Total Program Credits:18

Discipline Core Requirements:		16 Credits
HR 3430	Introduction to Human Resource Management	3
Complete 12 credits from the following courses:		12
HR 3530	Employment and Labor Law (3)	
HR 3550	Organization Development (3)	
HR 3570	Training and Development (3)	
HR 4000	Total Rewards (3)	
HR 4010	Total Compensation II--Benefits (3)	
HR 4050	Human Resource Information Systems (3)	
HR 4060	HR Analytics (3)	
HR 4610	Talent Acquisition and Performance Management (3)	
HR 470G	International Human Resource Management GI (3)	
HR 4800	Strategic Human Resource Management (3)	
HR 495R	Advanced Topics in Strategic Human Resource Management (1-3)	
Complete 1 pre-approved elective credit (See Advisor for list of specific courses)		1

Graduation Requirements:

1. Overall grade point average of 2.5 in all Woodbury School of Business courses and no grade lower than a C- in business courses.

Human Resource Management, Minor

Careers

1. Students will demonstrate competence in understanding the functions of a Human Resources department.
2. Students will demonstrate abilities to identify ways to hire high potential job candidates for organizations through effective recruiting and selection methods.
3. Students will demonstrate an understanding of organizational reward systems and the financial implications of these systems.
4. Students will demonstrate knowledge about the issues related to managing employee performance.
5. Students will demonstrate understanding of programs related to managing employees and their ethical implications.

Organizational Leadership

6. Students will demonstrate their knowledge of the regulatory and ethical frameworks influencing employee health, safety, and security.

Related Careers

- Compensation and Benefits Managers
- Human Resources Managers
- Training and Development Managers
- Human Resources Specialists
- Labor Relations Specialists
- Compensation, Benefits, and Job Analysis Specialists
- Training and Development Specialists
- Business Teachers, Postsecondary

Event Management, B.S.

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Requirements

The BS in Event Management provides individuals with the theoretical and practical tools to be successful in the event industry. Graduate will emerge with a broad skill set to successfully plan and manage small to large-scale events in roles across private, public and not-for-profit organizations.

Following industry standards, students learn all aspects of event management, including strategic planning, communication, risk management, customer service, marketing, finance and logistics. The event management degree incorporates core curriculum from both the hospitality management and communication programs as well as core business classes that makes it a well-rounded business degree. Students will be provided multiple opportunities to interact and network with industry partners on in-class projects, real-world events, and internships where coursework can be applied to real-world experiences.

Total Program Credits: 120

Matriculation Requirements:			
	ACC 2110	Principles of Accounting I	3
or	ACC 2010	Financial Accounting	
Complete one of the following: ¹			
	IM 2010	Business Computer Proficiency (3)	
or	IM 2600	Spreadsheet Applications (3)	
or	My Educator		
	HM 2500	Statistics for the Hospitality Industry	3
	MKTG 2390	Professional Business Presentations	3
	MKTG 220G	Written Business Communication GI WE	
General Education Requirements:			35 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGL 1005	Literacies and Composition Across Contexts CC (5)	
	ENGL 2010	Intermediate Academic Writing CC	3
Complete one of the following:			3
	MAT 1030	Quantitative Reasoning QL (3)	
	MAT 1035	Quantitative Reasoning with Integrated Algebra QL (6)	
	STAT 1040	Introduction to Statistics QL (3)	

	STAT 1045	Introduction to Statistics with Algebra QL (5)	
	MATH 1050	College Algebra QL (4)	
	MATH 1055	College Algebra with Preliminaries QL (5)	
	MATH 1090	College Algebra for Business QL (3)	
Complete one of the following:			3
	POLS 1000	American Heritage SS (3)	
	HIST 1700	American Civilization AS (3)	
	HIST 1740	US Economic History AS (3)	
	POLS 1100	American National Government AS (3)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
	HLTH 1100	Personal Health and Wellness TE	2
or	EXSC 1097	Fitness for Life TE (2)	
Distribution Courses:			
	Biology		3
	Physical Science		3
	Additional Biology or Physical Science		3
	Humanities Distribution		3
	Fine Arts Distribution		3
	ECON 1010	Economics as a Social Science SS (fulfills Social/Behavioral Science requirement)	3
or	ECON 2010	Principles of Economics I SS (3) (fulfills Social/Behavioral Science requirement)	
Matriculation Requirements:			12 Credits
	ACC 2110	Principles of Accounting I	3
or	ACC 2010	Financial Accounting	
	HM 2500	Statistics for the Hospitality Industry	3
	MKTG 220G	Written Business Communication GI WE	3
	MKTG 2390	Professional Business Presentations	3
Complete one of the following: ¹			
	IM 2010	Business Computer Proficiency (3)	
	IM 2600	Spreadsheet Applications (3)	
	My Educator		
Business Core Requirements:			35 Credits
	HM 3000	Hospitality Industry Foundations	3
	HM 3020	Hospitality Managerial Accounting I	3
	HM 3030	Hospitality Managerial Accounting II	3
	HM 3100	Hospitality Law	3
	HM 3150	Hospitality Finance	3
	HM 3210	Event Venue and Convention Management	3
	HM 3400	Hotel Industry Analytics	2
	HM 3710	Marketing of Hospitality Services	3
	HM 4550	Hospitality Strategic Management WE	3

	HM 481R	Internship	6
	MGMT 3000	Organizational Behavior WE	3
or	HR 3430	Introduction to Human Resource Management (3)	
Event Management Core Requirements:			27 Credits
	CA 1000	Culinary Basics	3
	ART 1400	Graphic Computer Applications	3
or	COMM 2510	Visual Strategies for Communication Majors	
	COMM 2300	Introduction to Public Relations and Strategic Communication	3
	COMM 3530	Public Relations and Strategic Communication Writing	3
	HM 4200	Event Planning	3
	HM 4250	Advanced Event Production	3
Complete 3 elective credits from the following:			
	THEA 1513	Stagecraft I (2) co-req THEA 1514	
	THEA 1514	Stagecraft I Lab (1) co-req THEA 1513	
	THEA 2531	Introduction to Lighting and Sound (3)	
	ART 1810	Introduction to Interior Design (3)	
Complete 6 elective credits from the following:			6
	MKTG 3460	Internal Marketing and Corporate Imaging (3)	
	MKTG 3650	Professional Selling (3)	
	MGMT 3450	Operations Management (3)	
	COMM 3560	Public Relations Event and Media Coordination (3)	
General Electives:			11 Credits
Complete 11 General Electives 1000 level or higher			6
Notes:			
1. Students will be required to complete the Business Computer Proficiency exam with a score of 80 percent or higher or complete IM 2010 or IM 2600 with a grade of B- or higher.			

Graduation Requirements:

1. Completion of a minimum of 120 semester credits with at least 40 credit hours of upper-division classes.
2. Overall grade point average 2.0 or above with a minimum of 2.5 GPA in all Woodbury School of Business courses. No grade lower than a "C-" in core and specialization courses.
3. Residency hours: minimum of 30 credit hours of business courses through course attendance at UVU, with at least 10 hours earned in the last 45 hours. At least 12 of the credit hours must be in Event Management courses.
4. Completion of GE and specified departmental requirements. Students are responsible for completing all prerequisite courses.
5. Successful completion of at least one Global/Intercultural course.

NOTE: Students will be limited to 9 hours of upper-division credit until Matriculation is completed.

Event Management, B.S.**Careers**

1. Apply marketing, finance, design, and operations practices to manage various types of events within the event industry.

2. Explain how to plan and manage a live event from inception to implementation to evaluation.
3. Communicate effectively to diverse audiences to successfully market and manage events.
4. Make precise event management decisions using critical thinking and problem-solving skills.
5. Manage people and vendors within the global event industry using leadership and conflict resolution skills.

Hospitality Management, B.S.

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Requirements

The Bachelor of Science in Hospitality Management degree offers the possibility for a student to choose one of four specializations: General Operations; Revenue Management; Food and Beverage Management (designed mainly for Culinary Arts AAS graduates); and Foreign Language Track (which provides 12-15 hours of language credit).

Total Program Credits: 120

Matriculation Requirements:			
	ACC 2110	Principles of Accounting I	3
or	ACC 2010	Financial Accounting (3)	
Complete one of the following: ¹			
	IM 2010	Business Computer Proficiency (3)	
or	IM 2600	Spreadsheet Applications (3)	
or		My Educator	
	HM 2500	Statistics for the Hospitality Industry	3
	MKTG 2390	Professional Business Presentations	3
	MKTG 220G	Written Business Communication GI WE	3
General Education Requirements:			35 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGH 1005	Literacies and Composition Across Contexts CC (5)	
	ENGL 2010	Intermediate Academic Writing CC	3
Complete one of the following:			3
	MAT 1030	Quantitative Reasoning QL (3)	
	MAT 1035	Quantitative Reasoning with Integrated Algebra QL (6)	
	STAT 1040	Introduction to Statistics QL (3)	
	STAT 1045	Introduction to Statistics with Algebra QL (5)	
	MATH 1050	College Algebra QL (4)	
	MATH 1055	College Algebra with Preliminaries QL (5)	
	MATH 1090	College Algebra for Business QL (3)	
Complete one of the following:			3
	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	
	POLS 1000	American Heritage SS (3)	
	HIST 1700	American Civilization AS (3)	

Organizational Leadership

	HIST 1740	US Economic History AS (3)	
	POLS 1100	American National Government AS (3)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
	HLTH 1100	Personal Health and Wellness TE	2
or	EXSC 1097	Fitness for Life TE (2)	
Distribution Courses:			
	Biology		3
	Physical Science		3
	Additional Biology or Physical Science		3
	Humanities Distribution		3
	Fine Arts Distribution		3
	ECON 1010	Economics as a Social Science SS (fulfills Social/Behavioral Science requirement)	3
or	ECON 2010	Principles of Economics I SS (3)	
Matriculation Requirements:			12 Credits
	ACC 2110	Principles of Accounting I	3
or	ACC 2010	Financial Accounting	
	HM 2500	Statistics for the Hospitality Industry	3
	MKTG 220G	Written Business Communication GI WE	3
	MKTG 2390	Professional Business Presentations	3
Complete one of the following: ¹			
	IM 2010	Business Computer Proficiency (3)	
	IM 2600	Spreadsheet Applications (3)	
	My Educator		
Discipline Core Requirements:			35 Credits
	HM 3000	Hospitality Industry Foundations	3
	HM 3020	Hospitality Managerial Accounting I	3
	HM 3100	Hospitality Law	3
	HM 3150	Hospitality Finance	3
	HM 3030	Hospitality Managerial Accounting II	3
	HM 3210	Event Venue and Convention Management	3
	HM 3400	Hotel Industry Analytics	2
	HM 3710	Marketing of Hospitality Services	3
	HM 4550	Hospitality Strategic Management WE	3
	HM 481R	Internship	6
	MGMT 3000	Organizational Behavior WE	3
or	HR 3430	Introduction to Human Resource Management (3)	
Discipline Core Requirements:			38 Credits
Complete at least 6 hours of upper-division credits from WSB Advisors List.			6
Complete 32 credits of 1000-level or higher courses.			32
Suggested Courses for Hotel/Resort:			
	HM 3390	Hotel Operations II (3)	

	HM 4400	Advanced Hotel and Tourism Analytics (3)	
	HM 4150	Hospitality Revenue Management (3)	
Three additional credit hours of HM 481R Internship (total of 9 credit hours)			
Suggested courses for Event Management:			
	HM 4200	Event Planning (3)	
	HM 4250	Advanced Event Production (3)	
Suggested for Food and Beverage:			
20 credit hours from Culinary Arts (CA) courses			
Notes:			
1. Students will be required to complete My Educator business computer proficiency exam with a score of 80 percent or higher or complete IM 2010 Business Computer Proficiency or IM 2600 Spreadsheet Applications course with a grade of B- or higher.			

Graduation Requirements:

1. Completion of a minimum of 120 semester credits with at least 40 credit hours of upper-division classes.
2. Overall grade point average 2.0 or above with a minimum of 2.5 GPA in all Woodbury School of Business courses. No grade lower than a "C-" in core and specialization courses.
3. Residency hours: minimum of 30 credit hours of business courses through course attendance at UVU, with at least 10 hours earned in the last 45 hours. At least 12 of the credit hours must be in Hospitality Management courses.
4. Completion of GE and specified departmental requirements. Students are responsible for completing all prerequisite courses.
5. Successful completion of at least one Global/Intercultural course.

NOTE: Students will be limited to 9 hours of upper-division credit until Matriculation is completed.

Human Resource Management, B.A.

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Requirements

Provides students with a broad knowledge about the field of human resource management. Develops expertise in the key processes of functional areas such as talent acquisition, total rewards, and employee relations. Prepares students to consult with multiple stakeholders, including organizational executives, managers, and individual employees. Provides opportunities to interact with human resource professionals and solve human resource management problems with real company projects. Readies students to be individual contributors in human resource departments. Prepares students for the industry recognized a PHR certification exam.

Total Program Credits: 120

Matriculation Requirements:			
	One of the following:		
	My Educator		
or	IM 2010	Business Computer Proficiency (3) (Complete with B- grade or higher)	
or	IM 2600	Spreadsheet Applications (3) (Complete with B- grade or higher)	

	MKTG 220G	Written Business Communication GI WE (Complete with B- grade or higher)	3
	MKTG 2390	Professional Business Presentations	3
	MGMT 2340	Business Statistics I	3
	ECON 2010	Principles of Economics I SS	3
	ACC 2110	Principles of Accounting I	3
	MGMT 2240	Business Calculus	3
or	MATH 1100	Survey of Calculus QL (4)	
	MGMT 2400	Data Analytics for Business	3
General Education Requirements:			36 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGH 1005	Literacies and Composition Across Contexts CC (5)	
	ENGL 2010	Intermediate Academic Writing CC	3
Complete one of the following:			3
	MATH 1050	College Algebra QL (4)	
	MATH 1055	College Algebra with Preliminaries QL (5)	
	MATH 1090	College Algebra for Business QL (3)	
	An Advanced Placement (AP) Mathematics Test with a score of 3 or higher		
Complete one of the following:			3
	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	
	HIST 1700	American Civilization AS (3)	
	HIST 1740	US Economic History AS (3)	
	POLS 1000	American Heritage SS (3)	
	POLS 1100	American National Government AS (3)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
or	PHIL 205G	Ethics and Values IH GI (3)	
or	PHIL 205H	Ethics and Values IH (3)	
	HLTH 1100	Personal Health and Wellness TE (2)	
or	EXSC 1097	Fitness for Life TE	2
Distribution Courses:			
	ECON 2010	Principles of Economics I SS	3
	Biology		3
	Physical Science		3
	Additional Biology or Physical Science		3
	Humanities Distribution (any foreign language 202G/2020 class)		4
	Fine Arts Distribution		3
Discipline Core Requirements:			61 Credits
Business Foundation Courses (required for matriculation):			
	My Educator ¹		
or	IM 2010	Business Computer Proficiency (3) (Complete with B- grade or higher) ¹	

or	IM 2600	Spreadsheet Applications (3) (Complete with B- grade or higher) ¹	
Complete the following:			
	ACC 2110	Principles of Accounting I	3
	MGMT 2240	Business Calculus	3
or	MATH 1100	Survey of Calculus QL (4)	
	MKTG 220G	Written Business Communication GI WE (Complete with B- grade or higher)	3
	MGMT 2340	Business Statistics I	3
	MKTG 2390	Professional Business Presentations	3
	MGMT 2400	Data Analytics for Business	3
Business Core Courses:			
	FIN 3100	Principles of Finance ²	3
	MGMT 3000	Organizational Behavior WE	3
	HR 470G	International Human Resource Management GI	3
or	MGMT 330G	Survey of International Business GI (3)	
or	MGMT 332G	Cross-Cultural Communications for International Business GI (3)	
or	ECON 305G	International Economics GI (3)	
or	MKTG 335G	International Marketing GI (3)	
	MGMT 3450	Operations Management	3
	MKTG 3600	Principles of Marketing	3
	MGMT 495R	Executive Lecture Series	1
or	ENTR 493R	Entrepreneurship Lecture Series	
	MGMT 4860	Business Strategy Formulation and Implementation ²	3
Human Resource Management Core Requirements			
	HR 3430	Introduction to Human Resource Management	3
	HR 3530	Employment and Labor Law	3
	HR 3570	Training and Development	3
	HR 4000	Total Rewards	3
	HR 4050	Human Resource Information Systems	3
	HR 4060	HR Analytics	3
	HR 4610	Talent Acquisition and Performance Management	3
	HR 4800	Strategic Human Resource Management	3
Elective Requirements:			23 Credits
	Complete 12 credits of any foreign language course 1010, 1020, 2010 sequence		12
	Complete 11 credits numbered 1000 or higher		11
Notes:			
1. Students will be required to complete My Educator with a score of 80 percent or higher or complete IM 2010 or IM 2600 with a grade of B or higher.			
2. Cannot be taken until student is matriculated.			

Organizational Leadership

Graduation Requirements:

1. Completion of a minimum of 120 semester credits required in the BA degree; at least 40 credit hours must be upper-division courses.
2. Overall grade point average 2.0 or above with a minimum of 2.5 GPA in all Woodbury School of Business courses. No grade lower than a "C-" in core and specialization courses.
3. Residency hours: Minimum of 30 credit hours of business courses through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
4. Completion of GE and specified departmental requirements. Students are responsible for completing all prerequisite courses.
5. Successful completion of at least one Global/Intercultural course.

NOTE: Students will be limited to 9 hours of upper-division credit until matriculation is completed.

Human Resource Management, B.A.

Careers

1. Apply fundamental processes in the key functions of human resources.
2. Solve human resource problems using a systematic process to develop credible recommendations.
3. Find and analyze data using industry research techniques and professional resources.
4. Create high quality data following industry research standards to answer organization specific questions.
5. Use human resource management language to communicate professionally in both oral and written mediums.

Related Careers

- Compensation and Benefits Managers
- Human Resources Managers
- Training and Development Managers
- Human Resources Specialists
- Labor Relations Specialists
- Compensation, Benefits, and Job Analysis Specialists
- Training and Development Specialists
- Business Teachers, Postsecondary

Human Resource Management, B.S.

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Requirements

Provides students with a broad knowledge about the field of human resource management. Develops expertise in the key processes of functional areas such as talent acquisition, total rewards, and employee relations. Prepares students to consult with multiple stakeholders, including organizational executives, managers, and individual employees. Provides opportunities to interact with human resource professional and solve human resource management problems with real company projects. Readies students to be individual contributors in human resource departments. Prepares students for the industry recognized aPHR certification exam.

Total Program Credits: 120

Matriculation Requirements:			
	My Educator		
or	IM 2010	Business Computer Proficiency (3) (Complete with B- grade or higher)	
or	IM 2600	Spreadsheet Applications (3) (Complete with B- grade or higher)	

	MKTG 220G	Written Business Communication GI WE (Complete with B- grade or higher)	3
	MKTG 2390	Professional Business Presentations	3
	MGMT 2340	Business Statistics I	3
	ECON 2010	Principles of Economics I SS	3
	ACC 2110	Principles of Accounting I	3
	MGMT 2240	Business Calculus	3
or	MATH 1100	Survey of Calculus QL (4)	
	MGMT 2400	Data Analytics for Business	3
General Education Requirements:			35 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGH 1005	Literacies and Composition Across Contexts CC (5)	
	ENGL 2010	Intermediate Academic Writing CC	3
Complete one of the following:			3
	MATH 1050	College Algebra QL (4)	
	MATH 1055	College Algebra with Preliminaries QL (5)	
	MATH 1090	College Algebra for Business QL (3)	
	An Advanced Placement (AP) Mathematics Test with a score of 3 or higher		
Complete one of the following:			3
	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	
	HIST 1700	American Civilization AS (3)	
	HIST 1740	US Economic History AS (3)	
	POLS 1000	American Heritage SS (3)	
	POLS 1100	American National Government AS (3)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
	PHIL 205G	Ethics and Values IH GI	
	PHIL 205H	Ethics and Values IH	
	HLTH 1100	Personal Health and Wellness TE (2)	
or	EXSC 1097	Fitness for Life TE	2
Distribution Courses:			
	ECON 2010	Principles of Economics I SS	3
	Biology		3
	Physical Science		3
	Additional Biology or Physical Science		3
	Humanities Distribution		3
	Fine Arts Distribution		3
Discipline Core Requirements:			37 Credits
Business Foundation Courses (required for matriculation):			
	My Educator ¹		
or	IM 2010	Business Computer Proficiency (3) (Complete with B- grade or higher) ¹	
or	IM 2600	Spreadsheet Applications (3) (Complete with B- grade or higher) ¹	

Complete the following:			
	ACC 2110	Principles of Accounting I	3
	MGMT 2240	Business Calculus	3
or	MATH 1100	Survey of Calculus QL (4)	
	MKTG 220G	Written Business Communication GI WE (Complete with B- grade or higher)	3
	MGMT 2340	Business Statistics I	3
	MKTG 2390	Professional Business Presentations	3
	MGMT 2400	Data Analytics for Business	3
Business Core Courses:			
	FIN 3100	Principles of Finance ²	3
	MGMT 3000	Organizational Behavior WE	3
	HR 470G	International Human Resource Management GI	3
or	MGMT 330G	Survey of International Business GI (3)	
or	MGMT 332G	Cross-Cultural Communications for International Business GI (3)	
or	ECON 305G	International Economics GI (3)	
or	MKTG 335G	International Marketing GI (3)	
	MGMT 3450	Operations Management	3
	MKTG 3600	Principles of Marketing	3
	MGMT 495R	Executive Lecture Series	1
or	ENTR 493R	Entrepreneurship Lecture Series	
	MGMT 4860	Business Strategy Formulation and Implementation ²	3
Human Resource Management Core Requirements:			48 Credits
	HR 3430	Introduction to Human Resource Management	3
	HR 3530	Employment and Labor Law	3
	HR 3570	Training and Development	3
	HR 4000	Total Rewards	3
	HR 4050	Human Resource Information Systems	3
	HR 4060	HR Analytics	3
	HR 4610	Talent Acquisition and Performance Management	3
	HR 4800	Strategic Human Resource Management	3
Select 24 credits of any 1000 level course or higher (it is recommended that students complete a minor).			24
Notes:			
1. Students will be required to complete My Educator with a score of 80 percent or higher or complete IM 2010 or IM 2600 with a grade of B- or higher.			
2. Cannot be taken until student is matriculated.			

Graduation Requirements:

1. Completion of a minimum of 120 semester credits required in the BA degree; at least 40 credit hours must be upper-division courses.

2. Overall grade point average 2.0 or above with a minimum of 2.5 GPA in all Woodbury School of Business courses. No grade lower than a "C-" in core and specialization courses.
3. Residency hours: Minimum of 30 credit hours of business courses through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
4. Completion of GE and specified departmental requirements. Students are responsible for completing all prerequisite courses.
5. Successful completion of at least one Global/Intercultural course.

NOTE: Students will be limited to 9 hours of upper-division credit until MATRICULATION is completed.

Human Resource Management, B.S. Careers

1. Apply fundamental processes in the key functions of human resources.
2. Solve human resource problems using a systematic process to develop credible recommendations.
3. Find and analyze data using industry research techniques and professional resources.
4. Create high quality data following industry research standards to answer organization specific questions.
5. Use human resource management language to communicate professionally in both oral and written mediums.

Related Careers

- Compensation and Benefits Managers
- Human Resources Managers
- Training and Development Managers
- Human Resources Specialists
- Labor Relations Specialists
- Compensation, Benefits, and Job Analysis Specialists
- Training and Development Specialists
- Business Teachers, Postsecondary

Philosophy and Humanities

DEPARTMENT CHAIR

LAMARCHE, Pierre *Professor*

FACULTY

BIRCH, Brian *Professor*

BRETZ, Thomas Helmut *Associate Professor*

CALDIERO, Alex *Senior Artist in Residence*

ENGLEHARDT, Elaine Eliason *Distinguished Professor*

GIBBY, Kristina *Lecturer*

GIESENKIRCHEN SAWYER, Michaela *Associate Professor*

HANSEN, Jorgen *Lecturer*

HARTE, Ryan *Assistant Professor*

LAMARCHE, Pierre *Professor*

LIANG, Samuel Y. *Associate Professor*

MIZELL, Karen L. *Professor*

MUSSETT, Shannon M. *Professor*

NIELSEN, Jeffrey *Lecturer*

POTTER, Kelli *Associate Professor*

REYNOLDS, Christiaan *Assistant Professor*

SERTLER, Ezgi *Assistant Professor*

SHAW, Michael M. *Professor*

SIMON, Leslie S. *Professor*

STENCIL, Eric *Associate Professor*

WEIGEL, Christine M. *Professor*

Degrees & Programs

Humanities, A.A.

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Requirements

The discipline of humanities is the study of human intellectual and artistic creativity and what the resulting artistic forms reveal about the human experience. This field of study draws on other disciplines such as history, fine arts, literature, intellectual history, music, foreign languages, theology, and philosophy to see how the several artistic forms communicate and work together to give an in-depth record of the meaning of human life in the past and present. The discipline also emphasizes the relationship between the arts, culture, and society. A background in humanities is helpful in preparing for employment in education, business, government, civil and foreign service, tourism, and in preparation for graduate studies.

Total Program Credits: 60

General Education Requirements:		35 Credits
	ENGL 1010 Introduction to Academic Writing CC	3
or	ENGH 1005 Literacies and Composition Across Contexts CC (5)	
	ENGL 2010 Intermediate Academic Writing CC	3
Complete one of the following:		3
	MAT 1030 Quantitative Reasoning QL (3)	
	MAT 1035 Quantitative Reasoning with Integrated Algebra QL (6)	

	STAT 1040 Introduction to Statistics QL (3)	
	STAT 1045 Introduction to Statistics with Algebra QL (5)	
	MATH 1050 College Algebra QL (4)	
	MATH 1055 College Algebra with Preliminaries QL (5)	
	MATH 1090 College Algebra for Business QL (3)	
Complete one of the following:		3
	HIST 2700 US History to 1877 AS (3)	
and	HIST 2710 US History since 1877 AS (3)	
	HIST 1700 American Civilization AS (3)	
	HIST 1740 US Economic History AS (3)	
	POLS 1000 American Heritage SS (3)	
	POLS 1100 American National Government AS (3)	
Complete the following:		
	PHIL 2050 Ethics and Values IH	3
or	PHIL 205H Ethics and Values IH (3)	
or	PHIL 205G Ethics and Values IH GI (3)	
	HLTH 1100 Personal Health and Wellness TE	2
or	EXSC 1097 Fitness for Life TE (2)	
Distribution Courses:		
	Biology	3
	Physical Science	3
	Additional Biology or Physical Science	3
	Humanities Distribution	3
	Fine Arts Distribution	3
	Social/Behavioral Science	3
Discipline Core Requirements:		12 Credits
Complete one of the following:		3
	HUM 1010 Humanities Through the Arts HH (3)	
or	HUM 101H Humanities Through the Arts HH (3)	
or	HUM 101G Humanities Through the Arts HH GI (3)	
Complete one of the following:		3
	HUM 2010 World History Through the Arts I HH (3)	
or	HUM 201G World History Through the Arts I HH GI (3)	
or	HUM 201H World History Through the Arts I HH (3)	
Complete one of the following:		3
	HUM 2020 World History Through the Arts II HH (3)	
or	HUM 202G World History Through the Arts II HH GI (3)	
or	HUM 202H World History Through the Arts II HH (3)	
Complete one of the following:		3
	HUM 2100 Adventures of Ideas Through 1500 HH (3)	

or	HUM 210H	Adventures of Ideas Through 1500 HH (3)	
or	HUM 2200	Adventures of Ideas After 1500 HH (3)	
or	HUM 220H	Adventures of Ideas After 1500 HH (3)	
Elective Requirements:			13 Credits
	Same Foreign Language		8
	Any course 1000 or higher		5

Graduation Requirements:

1. Completion of a minimum of 60 semester credits.
2. Overall grade point average of 2.0 (C) or above. (Departments may require a higher GPA.)
3. Residency hours-- minimum of 20 credit hours through course attendance at UVU.
4. Completion of GE and specified departmental requirements.
5. For the AA degree, completion of 8 credit hours of course work from one language.

Humanities, A.A.

Careers

1. Students will formulate complex ideas and persuasive, original arguments in writing and speech, with particular attention to the practice of critical writing.

Related Careers

- Postsecondary Teachers, All Other

Humanities, A.S.

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Requirements

The discipline of humanities is the study of human intellectual and artistic creativity and what the resulting artistic forms reveal about the human experience. This field of study draws on other disciplines such as history, fine arts, literature, intellectual history, music, foreign languages, theology, and philosophy to see how the several artistic forms communicate and work together to give an in-depth record of the meaning of human life in the past and present. The discipline also emphasizes the relationship between the arts, culture, and society. A background in humanities is helpful in preparing for employment in education, business, government, civil and foreign service, tourism, and in preparation for graduate studies.

Total Program Credits: 60

General Education Requirements:			35 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGH 1005	Literacies and Composition Across Contexts CC (5)	
	ENGL 2010	Intermediate Academic Writing CC	3
Complete one of the following:			3
	MAT 1030	Quantitative Reasoning QL (3) (recommended for Humanities or Arts majors)	
	MAT 1035	Quantitative Reasoning with Integrated Algebra QL (6)	

	STAT 1040	Introduction to Statistics QL (3) (recommended for Social Science majors)	
	STAT 1045	Introduction to Statistics with Algebra QL (5)	
	MATH 1050	College Algebra QL (4) (recommended for Business, Education, Science, and Health Professions majors)	
	MATH 1055	College Algebra with Preliminaries QL (5)	
	MATH 1090	College Algebra for Business QL (3) (Recommended for Business majors)	
Complete one of the following:			3
	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	
	HIST 1700	American Civilization AS (3)	
	HIST 1740	US Economic History AS (3)	
	POLS 1000	American Heritage SS (3)	
	POLS 1100	American National Government AS (3)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
or	PHIL 205G	Ethics and Values IH GI (3)	
or	PHIL 205H	Ethics and Values IH (3)	
	HLTH 1100	Personal Health and Wellness TE	2
or	EXSC 1097	Fitness for Life TE (2)	
Distribution Courses:			
	Biology		3
	Physical Science		3
	Additional Biology or Physical Science		3
	Humanities Distribution		3
	Fine Arts Distribution		3
	Social/Behavioral Science		3
Discipline Core Requirements:			12 Credits
Complete one of the following:			3
	HUM 1010	Humanities Through the Arts HH (3)	
	HUM 101G	Humanities Through the Arts HH GI (3)	
	HUM 101H	Humanities Through the Arts HH (3)	
Complete one of the following:			3
	HUM 2010	World History Through the Arts I HH (3)	
	HUM 201G	World History Through the Arts I HH GI (3)	
	HUM 201H	World History Through the Arts I HH (3)	
Complete one of the following:			3
	HUM 2020	World History Through the Arts II HH (3)	
	HUM 202G	World History Through the Arts II HH GI (3)	
	HUM 202H	World History Through the Arts II HH (3)	

Philosophy and Humanities

Complete one of the following:		3
HUM 2100	Adeventures of Ideas Through 1500 HH (3)	
HUM 210H	Adeventures of Ideas Through 1500 HH (3)	
HUM 2200	Adeventures of Ideas After 1500 HH (3)	
HUM 220H	Adeventures of Ideas After 1500 HH (3)	
Elective Requirements:		13 Credits
Any course 1000 level or higher		13

Graduation Requirements:

1. Completion of a minimum of 60 semester credits.
2. Overall grade point average of 2.0 (C) or above. (Departments may require a higher GPA.)
3. Residency hours-- minimum of 20 credit hours through course attendance at UVU.
4. Completion of GE and specified departmental requirements.

Humanities, A.S.

Careers

1. Students will formulate complex ideas and persuasive, original arguments in writing and speech, with particular attention to the practice of critical writing.
2. Through the development of skills, students will learn to 1) write and speak effectively in a variety of settings (e.g. academic, civic and professional); 2) appropriately use the conventions associated with writing and speaking; 3) acquire an awareness of audience and purpose; and 4) formulate and recognize a coherent problem and a reasonable solution.

Related Careers

- Postsecondary Teachers, All Other

Philosophy, A.A.

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Requirements

Interest in studying philosophy begins with the desire to engage life's greatest questions: finding the meaning of human existence, making sense of reality and our place in the cosmos, giving systematic form to our ethical and political intuitions, explaining the history of human ideas, and other equally significant problems. Often students wonder how the study of philosophy can provide the foundation for successful and meaningful employment. Contrary to popular belief, a philosophy major is one of the best preparations possible for careers in a large number of different areas. An article in the London Times rightly called philosophy the "ultimate 'transferable work skill'" insofar as it prepares students for a wide array of practical services. As a group, philosophy majors consistently score at or near the top on standardized tests, gain employment on graduation at higher than average rates, rank highly in median mid-career salary, and enjoy a well-earned reputation for rigorous thinking. In fact, the Association of American Colleges and Universities tells students, "[y]our specific choice of major matters far less than the knowledge and skills you gain through all your studies and experiences in college. In terms of jobs, employers don't hire majors. They hire individuals with potential to succeed over the long term and add value to their companies or organizations." The study of philosophy, one of the oldest and most rigorous disciplines, provides students with

critical thinking, writing, and arguing skills necessary to succeed in today's competitive working environments.

Total Program Credits: 60

General Education Requirements:		35 Credits
ENGL 1010	Introduction to Academic Writing CC	3
or ENGH 1005	Literacies and Composition Across Contexts CC (5)	
ENGL 2010	Intermediate Academic Writing CC	3
Complete one of the following:		3
MAT 1030	Quantitative Reasoning QL (3) (recommended for Humanities or Arts majors)	
MAT 1035	Quantitative Reasoning with Integrated Algebra QL (6)	
STAT 1040	Introduction to Statistics QL (3) (recommended for Social Science majors)	
STAT 1045	Introduction to Statistics with Algebra QL (5)	
MATH 1050	College Algebra QL (4) (recommended for Business, Education, Science, and Health Professions majors)	
MATH 1055	College Algebra with Preliminaries QL (5)	
MATH 1090	College Algebra for Business QL (3) (recommended for Business majors)	
Complete one of the following:		3
HIST 2700	US History to 1877 AS (3)	
and HIST 2710	US History since 1877 AS (3)	
HIST 1700	American Civilization AS (3)	
HIST 1740	US Economic History AS (3)	
POLS 1000	American Heritage SS (3)	
POLS 1100	American National Government AS (3)	
Complete the following:		
PHIL 2050	Ethics and Values IH	3
HLTH 1100	Personal Health and Wellness TE (2)	
or EXSC 1097	Fitness for Life TE	2
Distribution Courses:		
Biology		3
Physical Science		3
Additional Biology or Physical Science		3
Humanities Distribution		3
Fine Arts Distribution		3
Social/Behavioral Science		3
Discipline Core Requirements:		16 Credits
Complete the following:		
PHIL 1000	Introduction to Philosophy HH	3
PHIL 120R	Philosophy Forum	1
PHIL 1610	Introduction to Western Religions HH	3
or PHIL 1620	Introduction to Eastern Religions HH	

	PHIL 2000	Formal Logic I	3
	PHIL 2110	Ancient Greek Philosophy HH WE	3
	PHIL 2150	Early Modern Philosophy HH	3
Elective Requirements:			9 Credits
	Same Foreign Language		8
	Any course 1000 level or higher		1

Graduation Requirements:

1. Completion of a minimum of 60 semester credits.
2. Overall grade point average of 2.0 (C) or above. (Departments may require a higher GPA.)
3. Residency hours--minimum of 20 credit hours through course attendance at UVU.
4. Completion of GE and specified departmental requirements.
5. For the AA degree, completion of 8 credit hours of course work from one language.

Philosophy, A.A.

Careers

1. Ability to analyze, evaluate, and construct reasons and arguments.
2. Ability to formulate and clearly explain ideas and arguments in writing and speech.
3. Ability to identify, understand and evaluate the basic content of some philosophical theories.
4. Express values of self-reflection, intellectual curiosity, and intellectual creativity.

Related Careers

- Philosophy and Religion Teachers, Postsecondary

Philosophy, A.S.

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Requirements

Interest in studying philosophy begins with the desire to engage life's greatest questions: finding the meaning of human existence, making sense of reality and our place in the cosmos, giving systematic form to our ethical and political intuitions, explaining the history of human ideas, and other equally significant problems. Often students wonder how the study of philosophy can provide the foundation for successful and meaningful employment. Contrary to popular belief, a philosophy major is one of the best preparations possible for careers in a large number of different areas. An article in the London Times rightly called philosophy the "ultimate 'transferable work skill'" insofar as it prepares students for a wide array of practical services. As a group, philosophy majors consistently score at or near the top on standardized tests, gain employment on graduation at higher than average rates, rank highly in median mid-career salary, and enjoy a well-earned reputation for rigorous thinking. In fact, the Association of American Colleges and Universities tells students, "[y]our specific choice of major matters far less than the knowledge and skills you gain through all your studies and experiences in college. In terms of jobs, employers don't hire majors. They hire individuals with potential to succeed over the long term and add value to their companies or organizations." The study of philosophy, one of the oldest and most rigorous disciplines, provides students with critical thinking, writing, and arguing skills necessary to succeed in today's competitive working environments.

Total Program Credits: 60

General Education Requirements:			35 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGH 1005	Literacies and Composition Across Contexts CC (5)	
	ENGL 2010	Intermediate Academic Writing CC	3
Complete one of the following:			3
	MAT 1030	Quantitative Reasoning QL (3) (recommended for Humanities or Arts majors)	
	MAT 1035	Quantitative Reasoning with Integrated Algebra QL (6)	
	STAT 1040	Introduction to Statistics QL (3) (recommended for Social Science majors)	
	STAT 1045	Introduction to Statistics with Algebra QL (5)	
	MATH 1050	College Algebra QL (4) (recommended for Business, Education, Science, and Health Professions majors)	
	MATH 1055	College Algebra with Preliminaries QL (5)	
	MATH 1090	College Algebra for Business QL (3) (recommended for Business majors)	
Complete one of the following:			3
	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	
	HIST 1700	American Civilization AS (3)	
	HIST 1740	US Economic History AS (3)	
	POLS 1000	American Heritage SS (3)	
	POLS 1100	American National Government AS (3)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
	HLTH 1100	Personal Health and Wellness TE (2)	
or	EXSC 1097	Fitness for Life TE	2
Distribution Courses:			
	Biology		3
	Physical Science		3
	Additional Biology or Physical Science		3
	Humanities Distribution		3
	Fine Arts Distribution		3
	Social/Behavioral Science		3
Discipline Core Requirements:			16 Credits
Complete the following:			
	PHIL 1000	Introduction to Philosophy HH	3
	PHIL 120R	Philosophy Forum	1
	PHIL 1610	Introduction to Western Religions HH	3
or	PHIL 1620	Introduction to Eastern Religions HH	
	PHIL 2000	Formal Logic I	3
	PHIL 2110	Ancient Greek Philosophy HH WE	3
	PHIL 2150	Early Modern Philosophy HH	3

Philosophy and Humanities

Elective Requirements:	9 Credits
Any course 1000 level or higher	9

Graduation Requirements:

1. Completion of a minimum of 60 semester credits.
2. Overall grade point average of 2.0 (C) or above. (Departments may require a higher GPA.)
3. Residency hours--minimum of 20 credit hours through course attendance at UVU.
4. Completion of GE and specified departmental requirements.
5. For the AA degree, completion of 8 credit hours of course work from one language.

Philosophy, A.S.

Careers

1. Ability to analyze, evaluate, and construct reasons and arguments.
2. Ability to formulate and clearly explain ideas and arguments in writing and speech.
3. Ability to identify, understand and evaluate the basic content of some philosophical theories.
4. Express values of self-reflection, intellectual curiosity, and intellectual creativity.

Related Careers

- Philosophy and Religion Teachers, Postsecondary

Ethics, Certificate of Proficiency

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Requirements

A student in the Ethics program is offered an innovative approach in correlating various disciplines with structured ethical research. The program offers students opportunities to enhance their capacity to enter their chosen professions, careers, and vocations as ethical leaders. Students will examine real world ethical issues in the context of various disciplines, a valuable credential for employment and further education.

UVU has had a vested interest in Interdisciplinary Ethics since the 1980s, offering prestigious programs such as Ethics Across the Curriculum and hosting the only Ethics Center in the USHE system. The undergraduate Ethics curriculum and the Center for the Study of Ethics have received repeated national recognitions for their innovative and influential programs, conferences, events, symposia, and lecture series that educate students and the community about contemporary ethical issues.

Total Program Credits: 21

Discipline Core Requirements:	6 Credits
PHIL 2050 Ethics and Values IH	3
PHIL 355G Moral Philosophy GI	3
Elective Requirements:	15 Credits
Complete 15 credits from the following:	15
PHIL 130R Ethics Forum (1) (Limited to a maximum of 3 credits)	
PHIL 3040 Media Ethics (3)	
or COMM 3040 Media Ethics (3)	
PHIL 3450 Philosophy of Childhood (3)	

PHIL 3460	The Ethics of Human/Animal Relationships (3)	
PHIL 3510	Business and Professional Ethics (3)	
PHIL 3520	Bioethics (3)	
PHIL 3530	Environmental Ethics (3)	
PHIL 3540	Christian Ethics (3)	
PHIL 357R	Moral Reasoning Through Case Studies Ethics Bowl (3) (Limited to a maximum of 3 credits with approval of instructor and department chair)	
PHIL 3700	Social and Political Philosophy (3)	
PHIL 3710	Philosophy of Law (3)	
PHIL 450R	Interdisciplinary Senior Ethics Seminar (3)	
PHIL 451R	Ethical Theory Seminar (3)	
PHIL 490R	Independent Study (1-3) (Limited to a maximum of 3 credits)	
PHIL 481R	Internship (3) (1-6)	
ASL 4370	Ethics for Interpreters (3)	
BIOL 4260	Ethical Issues in Biology WE (2)	
CS 305G	Global Social and Ethical Issues in Computing GI WE (3)	
PJST 3000	Introduction to Peace and Justice Studies WE (3)	
AVSC 410G	Global Ethical and Professional Issues in Aviation GI (3)	
ESFF 2100	Servant-Leadership for the Emergency Services (3)	
CJ 4200	Ethical Issues in Criminal Justice (3)	
POLS 3300	Introduction to Public Administration (3)	
ESMG 4650	Emergency Services Capstone WE (3)	
other advisor-approved course		

Graduation Requirements:

1. Completion of a minimum of 21 credits.
2. Overall grade point average of 2.0 or above.
3. Residency hours -- Minimum of 6 credits required through course attendance at UVU.

Ethics, Certificate of Proficiency

Careers

1. To think critically, creatively, and competently about a broad range of ethical issues.
2. Develop an understanding of how to apply theoretical ethical concepts and principles to real-life situations and conundrums.
3. Make informed, suitable, compassionate ethical decisions.
4. Gain a comprehensive understanding of philosophical ethical theories and the interdisciplinarity of ethics.
5. Ability to work collaboratively with other students.
6. Communicate with clarity and precision verbally and in writing.
7. Research, evaluate, analyze, interpret, and assess ethical theories and practices.

Related Careers

- Philosophy and Religion Teachers, Postsecondary

Interreligious Studies, Certificate of Proficiency

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Requirements

Interreligious Studies is an interdisciplinary field that 1) critically engages questions of religious, spiritual, and secular identities, 2) examines how people orient around religion differently, and 3) engages the implications of these interactions for communities, civil society, and global politics. The certificate integrates classroom learning and experiential activities for students to help them develop the theoretical and practical skills necessary to meet the challenges of a complex and dynamic world.

Total Program Credits: 16

Discipline Core Requirements:		13 Credits
PHIL 3680	Interreligious Studies Practicum	3
PHIL 367G	Engaging Religious Diversity	3
PHIL 1610	Introduction to Western Religions HH	3
PHIL 1620	Introduction to Eastern Religions HH	3
PHIL 295R	Directed Readings	1
Elective Requirements:		3 Credits
Complete 3 credits from the following:		3
ANTH 3400	Myth Magic and Religion (3)	
ANTH 3420	Andean Religion (3)	
ANTH 3450	Shamanism and Indigenous Religion (3)	
ANTH 3480	Global Christianity (3)	
ENGL 374G	Literature of the Sacred GI (3)	
HIST 3160	Renaissance and Reformation Europe 1350 to 1600 (3)	
PHIL 366R	Issues in Religious Studies (3)	
PHIL 3620	Mormon Theology and the Christian Tradition (3)	
PHIL 3600	Philosophy of Religion (3)	
SOC 3400	Sociology of Religion (3)	
other advisor-approved course		

Graduation Requirements:

1. Complete 16 credits of course work.
2. Earn a minimum 2.5 GPA in all certificate course work with no grades lower than a C-.
3. Residency hours -- Minimum of 4 credits required through course attendance at UVU.

Interreligious Studies, Certificate of Proficiency Careers

1. Critically reflect upon religious, spiritual, secular identities and other ethical worldviews.
2. Navigate the conceptual and ethical complexities of diverse religious and worldview communities.
3. Apply the virtues and best practices of equity and inclusion in communication and interaction.
4. Evaluate and articulate one's own values and their relationship with other worldview identities.

Classical Studies, Minor

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Requirements

Classical traditionally refers to the study of language, philosophy, arts, literatures, history, and more of ancient Greece and Rome. At UVU, Classics takes a more global and diverse approach, recognizing that many cultures around the world have had "classical periods" which have shaped their entire pre-modern histories and continue to influence the world today. At present, the Classics minor at UVU offers particular strengths in ancient Greece and China, along with Rome-including language training in Ancient Greek, Classical Chinese, and Latin (with the hope and possibility for more). The program aims to preserve and promote the strengths of traditional Classics while also critically incorporating global and non-Western classical traditions for a more comparative and multicultural approach to ancient civilization, value, the canon, and the very idea of classics.

Total Program Credits: 18

Matriculation Requirements:		
1. Completion of 30 hours of credit.		
Discipline Core Requirements:		9 Credits
PHIL 2110	Ancient Greek Philosophy WE	3
HIST 3110	Greek History	3
Roman History (complete 3 credits from the following)		3
HIST 3130	Roman History (3)	
HIST 3140	Roman Empire (3)	
Elective Requirements:		9 Credits
In addition to the 9 credits of core requirements, students must complete an additional 9 hours of electives. The following list of courses has been approved for the Classical Studies IS Emphasis. If a course that is not represented on the following list has sufficient classical studies related content, the student may seek approval from the Classical Studies Coordinator to have the course count toward the IS Emphasis. Note: Latin or Greek language coursework applied toward a Student's foreign language requirement will not be applied toward Classical Studies elective requirements.		9
ANTH 2030	Archeological Method and Theory (3)	
ARTH 2710	Prehistoric Through Gothic Art History FF (3)	
ARTH 3020	Classical Art and Architecture History (3)	
ENGL 2230	Myths and Legends in Literature HH (3)	
ENGL 3610	Medieval Literature (3)	
ENGL 376G	World Literature GI (3)	
HIST 3130	Roman History (3)	
HIST 3140	Roman Empire (3)	
HONR 2000	Ancient Legacies HH (3)	
HUM 2010	World History Through the Arts I HH (3)	
HUM 2500	Introduction to Ancient Greek I (6)	

Philosophy and Humanities

HUM 2510	Introduction to Ancient Greek II (6)	
PHIL 2130	Medieval Philosophy (3)	
PHIL 386R	Topics in Ancient Philosophy (3)	
GRK 1010	Beginning Ancient Greek I LH (4)	
GRK 1020	Beginning Ancient Greek II LH (4)	
GRK 2010	Intermediate Ancient Greek I LH (4)	
GRK 2020	Intermediate Ancient Greek II LH (4)	
GRK 3010	Readings in Ancient Greek (3)	
LATN 1010	Beginning Latin I LH (4)	
LATN 1020	Beginning Latin II LH (4)	
LATN 2010	Intermediate Latin I LH (4)	
LATN 2020	Intermediate Latin II LH (4)	
LATN 3010	Readings in Latin (3)	

Graduation Requirements:

1. Overall grade point average of 2.0 (C) or above.
2. Residency hours--minimum of 12 credit hours through course attendance at UVU.

Classical Studies, Minor Careers

1. Demonstrate knowledge of classical languages (including but not limited to Ancient Greek, Latin, and Classical Chinese) at an advanced level, including the ability to read and translate texts in the original.
2. Evaluate the contribution of classical civilizations to later history—including the modern world—with skills in historical analysis, multicultural awareness, and mental flexibility.
3. Acquire familiarity with the languages, philosophy, visual arts, drama, sports, politics, economics, history, religions, and literatures of ancient civilizations, understanding them in their own context and how they continue to shape contemporary life.
4. Understand classics, antiquity, and culture through comparative and interdisciplinary approaches, emphasizing ancient civilizations as complex systems in a multicultural world.

Related Careers

- Historians

Environmental Studies, Minor

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Requirements

Environmental Studies explores the complex links between human culture and the natural world. The program challenges students to critically examine both the ecological and social context of environmental issues and the numerous connections between natural and social systems, from local to global scales. It is undeniable that humans have a profound impact on the environment. To have the greatest positive influence, we must seek knowledge of the structure and function of natural systems, as well as an understanding of how culture affects the way we perceive nature.

Total Program Credits: 18

Discipline Core Requirements:		3 Credits
ENST 3000	Introduction to Environmental Studies	3

Elective Requirements		15 Credits
Choose 6 credits from the following courses in the College of Humanities and Social Sciences or the Woodbury School of Business.		6
ANTH 3150	Culture Ecology and Health (3)	
ANTH 3830	Biology and Culture (3)	
COMM 3115	Communicating in Environments (3)	
COMM 3130	The Culture of Nature and Technology (3)	
ENGL 3460	Wilderness and Environmental Writing (3)	
HIST 3800	Environmental History of the United States (3)	
PHIL 3530	Environmental Ethics (3)	
PHIL 4300	Environmental Aesthetics (3)	
or	HUM 4300	Environmental Aesthetics (3)
	PHIL 3460	The Ethics of Human/Animal Relationships (3)
or	SOC 3800	Animals and Society (3)
	ENST 3520	Environmental Sociology (3)
or	SOC 3520	Environmental Sociology (3)
	ECON 3040	Environmental Economics (3)
Any other advisor approved courses		
Choose 6 credits from the following courses in the College of Science. 3 of these credits must be at the 3000 or 4000 level.		6
Biology		
BIOL 1010	General Biology BB (3)	
BIOL 1610 and BIOL 1615	College Biology I BB and College Biology I Laboratory (5)	
BIOL 1620 and BIOL 1625	College Biology II BB and College Biology II Laboratory (4)	
BIOL 2500	Environmental Biology (3)	
BIOL 3700	General Ecology (3)	
BIOL 3800	Conservation Biology (3)	
ENVT 3280	Environmental Law (3)	
BIOL 4000	Freshwater Ecology (4)	
BIOL 4260	Ethical Issues in Biology WE (2)	
Botany		
BOT 2050	Field Botany (3)	
BOT 2100	Flora of Utah (3)	
BOT 3800	Ethnobotany WE (4)	
BOT 4050	Plant Ecology (3)	
BOT 4300	Native Trees and Shrubs of Utah (3)	
BOT 4500	Introduction to Grasses (3)	
Chemistry		
CHEM 1120	Elementary Organic Bio-Chemistry (4)	
CHEM 3020	Environmental Chemistry (3)	
CHEM 4030	Radiochemistry (3)	

Environmental Management		
ENVT 1110	Introduction to Environmental Management (3)	
ENVT 1270	Environmental Microbiology (3)	
ENVT 1510	Hazardous Materials Emergency Response (3)	
ENVT 2560	Environmental Health (3)	
ENVT 2730	Introduction to Soils (4)	
ENVT 3210	Water Quality and Reclamation (4)	
ENVT 3280	Environmental Law (3)	
ENVT 3330	Water Resources Management (3)	
ENVT 3630	Introduction to Geographic Information Systems (4)	
ENVT 3750	Land Use Planning (3)	
ENVT 3770	Natural Resources Management (3)	
ENVT 3800	Energy Use on Earth (3)	
Geology		
GEO 1020	Prehistoric Life (3)	
GEO 1080	Introduction to Oceanography (3)	
GEO 1220	Historical Geology (3)	
GEO 3000	Environmental Geochemistry (3)	
GEO 3200	Geologic Hazards (3)	
GEO 3500	Geomorphology WE (4)	
GEO 4510	Paleontology (4)	
Geography		
GEOG 1000	Introduction to Physical Geography (3)	
GEOG 3400	Environmental Remote Sensing (3)	
GEOG 3600	Introduction to Geographic Information Systems (4)	
GEOG 3650	Advanced Geographic Information Systems (4)	
GEOG 3700	Wetland Studies (3)	
GEOG 3800	Environmental History of the United States (3)	
Meteorology		
METO 1010	Introduction to Meteorology (3)	
METO 3100	Climate and the Earth System (3)	
Physics		
PHYS 1800	Energy You and the Environment (3)	
PHYS 3800	Energy Use on Earth (3)	
Outdoor Recreation		
REC 2200	Foundations of Recreation (3)	
REC 2700	Leave No Trace Trainer (1)	
REC 385G	Ethical Concerns in Recreation (3)	
REC 420R	Outdoor Leadership and Management Practicum (2)	
REC 4400	Natural Resource and Protected Area Management (3)	
Zoology		

ZOOL 3100 and ZOOL 3105	Vertebrate Zoology and Vertebrate Zoology Laboratory (4)	
ZOOL 3200 and ZOOL 3205	Invertebrate Zoology and Invertebrate Zoology Laboratory (4)	
ZOOL 3300 and ZOOL 3305	Herpetology and Herpetology Laboratory (4)	
ZOOL 3430 and ZOOL 3435	Entomology and Entomology Laboratory (4)	
ZOOL 3500 and ZOOL 3505	Mammalogy and Mammalogy Laboratory (4)	
ZOOL 4000	Animal Behavior (3)	
ZOOL 4600	Ornithology (4)	
Choose an additional 3 credits from any of the courses listed above – OR – complete 3 hours of research credits, service project credits, or internship credits		3

Ethics, Minor

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Requirements

A student in the Ethics program is offered an innovative approach in correlating various disciplines with structured ethical research. The program offers students opportunities to enhance their capacity to enter their chosen professions, careers, and vocations as ethical leaders. Students will examine real world ethical issues in the context of various disciplines, a valuable credential for employment and further education.

UVU has had a vested interest in Interdisciplinary Ethics since the 1980s, offering prestigious programs such as Ethics Across the Curriculum and hosting the only Ethics Center in the USHE system. The undergraduate Ethics curriculum and the Center for the Study of Ethics have received repeated national recognitions for their innovative and influential programs, conferences, events, symposia, and lecture series that educate students and the community about contemporary ethical issues.

Total Program Credits: 18

Matriculation Requirements:		
1. Admitted to a bachelor degree program at UVU.		
Discipline Core Requirements:		6 Credits
PHIL 355G	Moral Philosophy GI	3
PHIL 481R	Internship (1-6)	3
Elective Requirements:		12 Credits
Complete 12 credits from the following:		12
PHIL 130R	Ethics Forum (1) (Limited to a maximum of 3 credits)	
PHIL 3040	Media Ethics (3)	
or COMM 3040	Media Ethics (3)	
PHIL 3450	Philosophy of Childhood (3)	
PHIL 3460	The Ethics of Human/Animal Relationships (3)	

Philosophy and Humanities

PHIL 3510	Business and Professional Ethics (3)	
PHIL 3520	Bioethics (3)	
PHIL 3530	Environmental Ethics (3)	
PHIL 3540	Christian Ethics (3)	
PHIL 357R	Moral Reasoning Through Case Studies Ethics Bowl (3) (Limited to a maximum of 3 credits with approval of instructor and department chair)	
PHIL 3700	Social and Political Philosophy (3)	
PHIL 3710	Philosophy of Law (3)	
PHIL 450R	Interdisciplinary Senior Ethics Seminar (3)	
PHIL 451R	Ethical Theory Seminar (3)	
PHIL 490R	Independent Study (1-3) (Limited to a maximum of 3 credits)	
BIOL 4260	Ethical Issues in Biology WE (2)	
CS 305G	Global Social and Ethical Issues in Computing GI WE (3)	
ASL 4370	Ethics for Interpreters (3)	
PJST 3000	Introduction to Peace and Justice Studies WE (3)	
CJ 4200	Ethical Issues in Criminal Justice (3)	
ESFF 2100	Servant-Leadership for the Emergency Services (3)	
AVSC 410G	Global Ethical and Professional Issues in Aviation (3)	
POLS 3300	Introduction to Public Administration (3)	
ESMG 4650	Emergency Services Capstone WE (3)	
other advisor-approved course		

Gender Studies, Minor

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Requirements

The Gender Studies minor allows students to study the extent to which gender and gender relations are socially influenced. Students will examine the ways in which conceptions of masculinity and femininity directly impact social and political institutions and practices, cultural expressions (such as art, communication, media, literature, music and film), law, education, business, scientific inquiry, interpersonal relations, sexuality and family. The minor broadens students' understanding of their chosen major and career path while facilitating the recognition of gender dynamics in their own lives.

Total Program Credits: 18

Matriculation Requirements:		
1. Completion of 30 hours of credit. 2. Admitted to a bachelor degree program at UVU		
Discipline Core Requirements:		6 Credits
SOC 2370	Sociology of Gender	3
or ENGL 2730 or	Introduction to Gender Studies	3

SOC 4100	Contemporary Social Theory WE	3
Elective Requirements:		12 Credits
Complete an additional 12 hours of electives. If a course that is not represented on the following list has sufficient gender related content, the student may seek approval from the Gender Studies Coordinator to have the course count toward the minor. 6 credits must be upper-division.		12
COMM 207G	Introduction to Gender and Communication GI (3)	
ENGL 217G	Race Class and Gender in U S Cinema GI HH (3)	
COMM 317G	Ethnographic Methods for Communication Research GI (3)	
ENGL 3790	Contemporary LGBTQ Literature (3)	
SOC 2370	Sociology of Gender (3)	
HLTH 2800	Human Sexuality SS (3)	
PSY 2800	Human Sexuality SS (3)	
PSY 3100	Psychology of Gender (3)	
PHIL 3150	Philosophical Issues in Feminism (3)	
PHIL 3160	Gender Values Knowledge and Reality (3)	
HIST 320G	Women in American History to 1870 GI WE (3)	
HIST 321G	Women in American History since 1870 GI (3)	
HLTH 3240	Womens Health Issues (3)	
PHIL 3450	Philosophy of Childhood (3)	
ENGL 3710	Literature by Women (3)	
ANTH 3365	Gender and Sexuality (3)	
ANTH 4310	Kindship and the Family (3)	
HLTH 440G	Health and Diversity GI (3)	

Graduation Requirements:

- Overall grade point average of 2.0 (C) or above.
- Residency hours--minimum of 12 credit hours through course attendance at UVU.

Humanities, Minor

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Requirements

The discipline of humanities is the study of human intellectual and artistic creativity and what the resulting artistic forms reveal about the human experience. This field of study draws on other disciplines such as history, fine arts, literature, intellectual history, music, foreign languages, theology, and philosophy to see how the several artistic forms communicate and work together to give an in-depth record of the meaning of human life in the past and present. The discipline also emphasizes the relationship between the arts, culture, and society. A background in humanities is helpful in preparing for employment in education, business, government, civil and foreign service, tourism, and in preparation for graduate studies.

Total Program Credits: 18

Matriculation Requirements:		
1. Overall grade point average of a 2.0 (C) or better 2. Admitted to a bachelor degree program at UVU		
Discipline Core Requirements:		3 Credits
HUM 3500	Approaches to Humanities WE	3
Elective Requirements:		15 Credits
Complete 3 credits from the following:		3
HUM 2010	World History Through the Arts I HH (3)	
or	HUM 201G	World History Through the Arts I HH GI (3)
or	HUM 201H	World History Through the Arts I HH (3)
HUM 2100	Adventures of Ideas Through 1500 HH (3)	
or	HUM 210H	Adventures of Ideas Through 1500 HH (3)
Complete 3 credits from the following:		3
HUM 2020	World History Through the Arts II HH (3)	
or	HUM 202G	World History Through the Arts II HH GI (3)
or	HUM 202H	World History Through the Arts II HH (3)
HUM 2200	Adventures of Ideas After 1500 HH (3)	
or	HUM 220H	Adventures of Ideas After 1500 HH (3)
Complete 9 credits from the following:		9
HUM 320R	Topics in Humanities (1-3)	
HUM 325R	Area Studies in Humanities (3)	
HUM 330R	Period Studies in Humanities (3)	
HUM 3800	Aesthetics (3)	
HUM 400R	Humanism and Posthumanism (3)	
HUM 401R	Forms and Genres Across the Arts (3)	
HUM 414R	Advanced Topics in Humanities (3)	

Graduation Requirements:

1. Complete all Humanities courses with a grade of 2.0 (C) or better.

Humanities, Minor Careers

1. Develop strong oral and written communication skills.
2. Develop discipline-specific knowledge and be able to apply that knowledge critically to solve problems using sophisticated methods of inquiry and logic.
3. Demonstrate expertise in research and scholarly activities.
4. Effectively navigate intercultural environments locally to globally.
5. Demonstrate preparation for employment or graduate education.

Related Careers

- Postsecondary Teachers, All Other

Philosophy, Minor

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than provided, you may contact the Assistive Technology Center at ACCESSIBLETECH@uvu.edu or 801-863-6788.

Requirements

Interest in studying philosophy begins with the desire to engage life's greatest questions: finding the meaning of human existence, making sense of reality and our place in the cosmos, giving systematic form to our ethical and political intuitions, explaining the history of human ideas, and other equally significant problems. Often students wonder how the study of philosophy can provide the foundation for successful and meaningful employment. Contrary to popular belief, a philosophy major is one of the best preparations possible for careers in a large number of different areas. An article in the London Times rightly called philosophy the "ultimate 'transferable work skill'" insofar as it prepares students for a wide array of practical services. As a group, philosophy majors consistently score at or near the top on standardized tests, gain employment on graduation at higher than average rates, rank highly in median mid-career salary, and enjoy a well-earned reputation for rigorous thinking. In fact, the Association of American Colleges and Universities tells students, "[y]our specific choice of major matters far less than the knowledge and skills you gain through all your studies and experiences in college. In terms of jobs, employers don't hire majors. They hire individuals with potential to succeed over the long term and add value to their companies or organizations." The study of philosophy, one of the oldest and most rigorous disciplines, provides students with critical thinking, writing, and arguing skills necessary to succeed in today's competitive working environments.

Total Program Credits: 18

Matriculation Requirements:		
1. Enrollment at Utah Valley University 2. Overall grade point average of a 2.0 (C) or better. 3. Admitted to a bachelor degree program at UVU.		
Discipline Core Requirements:		18 Credits
Complete one of the following:		3
PHIL 2110	Ancient Greek Philosophy HH WE (3)	
or	PHIL 2150	Early Modern Philosophy HH (3)
Complete 15 additional credit hours of philosophy courses (9 credit hours must be 3000 level or above; no more than 6 credit hours may be at the 1000 level; Philosophy 2050 does not count for this requirement.)		15

Religious Studies, Minor

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Requirements

The Religious Studies minor fosters and facilitates an interdisciplinary approach to the academic study of religion. Due to its influential role at the local, national, and international levels, religion requires careful study utilizing academic methods employed in the examination of other cultural institutions. This includes the study of the history, theology, literature, folklore, etc., of various religions in an effort to study religion as a cultural phenomenon. The program is intended to serve our students and community by deepening our understanding of religious beliefs and practices in a spirit of open inquiry. Its aim is neither to endorse nor to undermine the claims of religion, but to create an environment in which various issues can be engaged from a variety of perspectives and methodologies.

Total Program Credits: 21

Philosophy and Humanities

Matriculation Requirements:		
1. Completion of 30 hours of credit		
2. Admitted to a bachelor degree program at UVU.		
Discipline Core Requirements:		12 Credits
	PHIL 1610	Introduction to Western Religions HH (3)
or	PHIL 1620	Introduction to Eastern Religions HH (3)
or	ANTH 3450	Shamanism and Indigenous Religion (3)
	RLST 3650	Approaches to Religious Studies
	RLST 366R	Issues in Religious Studies
	PHIL 3600	Philosophy of Religion
Elective Requirements:		9 Credits
Complete 9 credits of electives from the list below or as approved by advisor.		9
	ANTH 3400	Myth Magic and Religion (3)
	ANTH 3450	Shamanism and Indigenous Religion (3)
	ANTH 3460	Anthropology of Mormonism (3)
	COMM 3780	Mormon Media and Culture (3)
	ENGL 374G	Literature of the Sacred GI (3)
	ENGL 3780	Mormon Literature (3)
	PHIL 3540	Christian Ethics (3)
	PHIL 3610	Introduction to Christian Theology (3)
	SOC 3400	Sociology of Religion (3)

Humanities, B.A.

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Requirements

The discipline of humanities is the study of human intellectual and artistic creativity and what the resulting artistic forms reveal about the human experience. This field of study draws on other disciplines such as history, fine arts, literature, intellectual history, music, foreign languages, theology, and philosophy to see how the several artistic forms communicate and work together to give an in-depth record of the meaning of human life in the past and present. The discipline also emphasizes the relationship between the arts, culture, and society. A background in humanities is helpful in preparing for employment in education, business, government, civil and foreign service, tourism, and in preparation for graduate studies.

Total Program Credits: 120

General Education Requirements:		35 Credits
	ENGL 1010	Introduction to Academic Writing CC
or	ENGL 1005	Literacies and Composition Across Context CC (5)
	ENGL 2010	Intermediate Academic Writing CC
Complete one of the following:		3
	MAT 1030	Quantitative Reasoning QL (3) (recommended for Humanities or Arts)

	MAT 1035	Quantitative Reasoning with Integrated Algebra QL (6)	
	STAT 1040	Introduction to Statistics QL (3) (recommended for Social Science majors)	
	STAT 1045	Introduction to Statistics with Algebra QL (5)	
	MATH 1050	College Algebra QL (4) (recommended for Business, Education, Science, and Health Professions majors)	
	MATH 1055	College Algebra with Preliminaries QL (5)	
	MATH 1090	College Algebra for Business QL (3) (recommended for Business majors)	
Complete one of the following:			3
	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	
	HIST 1700	American Civilization AS (3)	
	HIST 1740	US Economic History AS (3)	
	POLS 1000	American Heritage SS (3)	
	POLS 1100	American National Government AS (3)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
	HLTH 1100	Personal Health and Wellness TE	2
or	EXSC 1097	Fitness for Life TE (2)	
Distribution Courses:			
	Biology		3
	Physical Science		3
	Additional Biology or Physical Science		3
	Humanities Distribution		3
	Fine Arts Distribution		3
	Social/Behavioral Science		3
Discipline Core Requirements:			36 Credits
	HUM 1010	Humanities Through the Arts HH	3
or	HUM 101G	Humanities Through the Arts HH GI (3)	
or	HUM 101H	Humanities Through the Arts HH (3)	
	HUM 2010	World History Through the Arts I HH	3
or	HUM 201G	World History Through the Arts I HH GI (3)	
or	HUM 201H	World History Through the Arts I HH (3)	
	HUM 2020	World History Through the Arts II HH	3
or	HUM 202G	World History Through the Arts II HH GI (3)	
or	HUM 202H	World History Through the Arts II HH (3)	
	HUM 3500	Approaches to Humanities WE	3
	HUM 400R	Humanism and Posthumanism	3
	HUM 4910	Humanities Capstone WE	3
Complete 3 credits of the following:			3

HUM 2100	Adventures of Ideas Through 1500 HH (3)	
HUM 210H	Adventures of Ideas Through 1500 HH (3)	
HUM 2200	Adventures of Ideas After 1500 HH (3)	
HUM 220H	Adventures of Ideas After 1500 HH (3)	
Complete 9 credits of the following:		9
HUM 320R	Topics in Humanities (1-3)	
HUM 325R	Area Studies in Humanities (3)	
HUM 330R	Period Studies in Humanities (3)	
HUM 3800	Aesthetics (3)	
Complete 6 credits of the following:		6
HUM 401R	Forms and Genres Across the Arts (3) (may be repeated for up to 6 credits)	
HUM 414R	Advanced Topics in Humanities (3) (may be repeated for up to 6 credits)	
Elective Requirements:		49 Credits
One Foreign Language		16
Any course 1000 or higher (No more than 6 total credit hours from HUM 281R and HUM 481R) 16 credits must be upper-division.		33

Graduation Requirements:

1. Completion of a minimum of 120 semester credits.
2. Overall grade point average of 2.0 (C) or above.
3. Residency hours--minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
4. Completion of GE and specified departmental requirements.
5. Completion of 40 hours of upper-division credit.
6. Completion of 16 credit hours of course work from one language to include the 1010, 1020, 2010, and 202G levels or transferred equivalents.
7. Successful completion of at least one Global/Intercultural course.

Humanities, B.A.

Careers

1. Have strong oral and written communication skills.
2. Develop expertise in research and scholarly activities.
3. Have discipline-specific knowledge and be able to apply that knowledge critically to solve problems using sophisticated methods of inquiry and logic.
4. Effectively navigate intercultural environments locally to globally.
5. Be prepared for employment or graduate education.

Related Careers

- Postsecondary Teachers, All Other

Philosophy, B.A.

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Requirements

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how the study of philosophy can provide the foundation for successful and meaningful employment. Contrary to popular belief, a philosophy major is one of the best preparations possible for careers in a large number of different areas. An article in the London Times rightly called philosophy the "ultimate 'transferable work skill'" insofar as it prepares students for a wide array of practical services. As a group, philosophy majors consistently score at or near the top on standardized tests, gain employment on graduation at higher than average rates, rank highly in median mid-career salary, and enjoy a well-earned reputation for rigorous thinking. In fact, the Association of American Colleges and Universities tells students, "[y]our specific choice of major matters far less than the knowledge and skills you gain through all your studies and experiences in college. In terms of jobs, employers don't hire majors. They hire individuals with potential to succeed over the long term and add value to their companies or organizations." The study of philosophy, one of the oldest and most rigorous disciplines, provides students with critical thinking, writing, and arguing skills necessary to succeed in today's competitive working environments.

Total Program Credits: 120

General Education Requirements:		35 Credits
ENGL 1010	Introduction to Academic Writing CC	3
or ENGH 1005	Literacies and Composition Across Contexts CC (5)	
ENGL 2010	Intermediate Academic Writing CC	3
Complete one of the following:		3
MAT 1030	Quantitative Reasoning QL (3) (recommended for Humanities or Arts majors)	
MAT 1035	Quantitative Reasoning with Integrated Algebra QL (6)	
STAT 1040	Introduction to Statistics QL (3) (recommended for Social Science majors)	
STAT 1045	Introduction to Statistics with Algebra QL (5)	
MATH 1050	College Algebra QL (4) (recommended for Business, Education, Science, and Health Professions majors)	
MATH 1055	College Algebra with Preliminaries QL (5)	
MATH 1090	College Algebra for Business QL (3) (recommended for Business majors)	
Complete one of the following:		3
HIST 2700	US History to 1877 AS (3)	
and HIST 2710	US History since 1877 AS (3)	
HIST 1700	American Civilization AS (3)	
HIST 1740	US Economic History AS (3)	
POLS 1000	American Heritage SS (3)	
POLS 1100	American National Government AS (3)	
Complete the following:		
PHIL 2050	Ethics and Values IH	3
HLTH 1100	Personal Health and Wellness TE (2)	
or EXSC 1097	Fitness for Life TE	2
Distribution Courses:		
Biology		3
Physical Science		3

Philosophy and Humanities

Additional Biology or Physical Science	3
Humanities Distribution	3
Fine Arts Distribution	3
Social/Behavioral Science	3
Discipline Core Requirements:	37 Credits
Complete the following:	
PHIL 2000 Formal Logic I	3
PHIL 2110 Ancient Greek Philosophy HH WE	3
PHIL 2150 Early Modern Philosophy HH	3
PHIL 290G Marginalized Philosophies HH GI	3
PHIL 480R Philosophy Capstone Prep	1
PHIL 4910 Philosophy Research Capstone WE	3
Value Theory (complete 3 credits from the following):	3
PHIL 3150 Philosophical Issues in Feminism (3)	
PHIL 3160 Gender Values Knowledge and Reality (3)	
PHIL 3510 Business and Professional Ethics (3)	
PHIL 3520 Bioethics (3)	
PHIL 3530 Environmental Ethics (3)	
PHIL 3540 Christian Ethics (3)	
PHIL 355G Moral Philosophy GI (3)	
PHIL 4461 Moral Psychology (3)	
PHIL 3700 Social and Political Philosophy (3)	
PHIL 450R Interdisciplinary Senior Ethics Seminar (3)	
PHIL 451R Ethical Theory Seminar (3)	
History Set (complete 3 credits from the following):	3
PHIL 4140 History of Analytic Philosophy (3)	
PHIL 4150 History of Continental Philosophy (3)	
PHIL 416G History of Chinese Philosophy GI (3)	
Complete 15 additional credits of Philosophy course work, at least 12 of which must be upper-division (excluding those courses taken to fulfill categories listed above).	15
Elective Requirements:	48 Credits
One Foreign Language	16
Any course 1000 or higher; 15 credits must be upper-division	32

Graduation Requirements:

1. Completion of a minimum of 120 semester credits.
2. Overall grade point average of 2.0 (C) or above. (Departments may require a higher GPA.)
3. Residency hours--minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
4. Completion of GE and specified departmental requirements.
5. Completion of 40 hours or upper-division credit.
6. For the BA degree, completion of 16 credit hours of course work from one language to include the 1010, 1020, 2010, and 202G/2020 levels or transferred equivalents.
7. Successful completion of at least one Global/Intercultural course.

Note: It is recommended that students planning on earning a Baccalaureate Degree in Philosophy take a foreign language, preferably

French or German, in their Freshman and Sophomore academic years. PHIL 120R Philosophy Forum, PHIL 290R Independent Study, PHIL 295R Directed Readings, PHIL 400R Great Philosophers, PHIL 492R Advanced Topics in Philosophy, PHIL 450R Interdisciplinary Senior Ethics Seminar, and PHIL 451R Ethical Theory Seminar can be repeated for credit.

Philosophy, B.A. Careers

1. Ability to analyze, evaluate, and construct reasons and arguments.
2. Ability to formulate and clearly explain ideas and arguments in writing and speech.
3. Ability to identify, understand and evaluate the basic content of some philosophical theories.
4. Express values of self-reflection, intellectual curiosity, and intellectual creativity.

Related Careers

- Philosophy and Religion Teachers, Postsecondary

Philosophy, B.S.

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Requirements

Interest in studying philosophy begins with the desire to engage life's greatest questions: finding the meaning of human existence, making sense of reality and our place in the cosmos, giving systematic form to our ethical and political intuitions, explaining the history of human ideas, and other equally significant problems. Often students wonder how the study of philosophy can provide the foundation for successful and meaningful employment. Contrary to popular belief, a philosophy major is one of the best preparations possible for careers in a large number of different areas. An article in the London Times rightly called philosophy the "ultimate 'transferable work skill'" insofar as it prepares students for a wide array of practical services. As a group, philosophy majors consistently score at or near the top on standardized tests, gain employment on graduation at higher than average rates, rank highly in median mid-career salary, and enjoy a well-earned reputation for rigorous thinking. In fact, the Association of American Colleges and Universities tells students, "[y]our specific choice of major matters far less than the knowledge and skills you gain through all your studies and experiences in college. In terms of jobs, employers don't hire majors. They hire individuals with potential to succeed over the long term and add value to their companies or organizations." The study of philosophy, one of the oldest and most rigorous disciplines, provides students with critical thinking, writing, and arguing skills necessary to succeed in today's competitive working environments.

Total Program Credits: 120

General Education Requirements:			35 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGL 1005	Literacies and Composition Across Contexts CC (5)	
	ENGL 2010	Intermediate Academic Writing CC	3
Complete one of the following:			3
	MAT 1030	Quantitative Reasoning QL (3) (recommended for Humanities or Arts majors)	
	MAT 1035	Quantitative Reasoning with Integrated Algebra QL (6)	

	STAT 1040	Introduction to Statistics QL (3) (recommended for Social Science majors)	
	STAT 1045	Introduction to Statistics with Algebra QL (5)	
	MATH 1050	College Algebra QL (4) (recommended for Business, Education, Science, and Health Professions majors)	
	MATH 1055	College Algebra with Preliminaries QL (5)	
	MATH 1090	College Algebra for Business QL (3) (recommended for Business majors)	
Complete one of the following:			3
	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	
	HIST 1700	American Civilization AS (3)	
	HIST 1740	US Economic History AS (3)	
	POLS 1000	American Heritage SS (3)	
	POLS 1100	American National Government AS (3)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
	HLTH 1100	Personal Health and Wellness TE (2)	
or	EXSC 1097	Fitness for Life TE	2
Distribution Courses:			
	Biology		3
	Physical Science		3
	Additional Biology or Physical Science		3
	Humanities Distribution		3
	Fine Arts Distribution		3
	Social/Behavioral Science		3
Discipline Core Requirements:			37 Credits
Complete the following:			
	PHIL 2000	Formal Logic I	3
	PHIL 2110	Ancient Greek Philosophy HH WE	3
	PHIL 2150	Early Modern Philosophy HH	3
	PHIL 290R	Marginalized Philosophies HH GI	3
	PHIL 480R	Philosophy Capstone Prep	1
	PHIL 4910	Philosophy Research Capstone WE	3
Value Theory (complete 3 credits from the following):			3
	PHIL 3150	Philosophical Issues in Feminism (3)	
	PHIL 3160	Gender Values Knowledge and Reality (3)	
	PHIL 3510	Business and Professional Ethics (3)	
	PHIL 3520	Bioethics (3)	
	PHIL 3530	Environmental Ethics (3)	
	PHIL 3540	Christian Ethics (3)	
	PHIL 355G	Moral Philosophy GI (3)	
	PHIL 4461	Moral Psychology (3)	
	PHIL 3700	Social and Political Philosophy (3)	

	PHIL 450R	Interdisciplinary Senior Ethics Seminar (3)	
	PHIL 451R	Ethical Theory Seminar (3)	
History Set (complete 3 credits from the following):			3
	PHIL 4140	History of Analytic Philosophy (3)	
	PHIL 4150	History of Continental Philosophy (3)	
	PHIL 416G	History of Chinese Philosophy GI (3)	
Complete 15 additional credits of Philosophy course work, at least 12 of which must be upper-division (excluding those taken to fulfill categories listed above)			15
Elective Requirements:			48 Credits
	Any course 1000 or higher, 15 credits must be upper-division		48

Graduation Requirements:

1. Completion of a minimum of 120 semester credits.
2. Overall grade point average of 2.0 (C) or above. (Departments may require a higher GPA.)
3. Residency hours--minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
4. Completion of GE and specified departmental requirements.
5. Completion of 40 hours of upper-division credit.
6. Successful completion of at least one Global/Intercultural course.

Note: It is recommended that students planning on earning a Baccalaureate Degree in Philosophy take a foreign language, preferably French or German, in their Freshman and Sophomore academic years. PHIL 120R Philosophy Forum, PHIL 290R Independent Study, PHIL 295R Directed Readings, PHIL 400R Great Philosophers, PHIL 492R Advanced Topics in Philosophy, PHIL 450R Interdisciplinary Senior Ethics Seminar, and PHIL 451R Ethical Theory Seminar can be repeated for credit.

Philosophy, B.S.

Careers

1. Ability to analyze, evaluate, and construct reasons and arguments.
2. Ability to formulate and clearly explain ideas and arguments in writing and speech.
3. Ability to identify, understand and evaluate the basic content of some philosophical theories.
4. Express values of self-reflection, intellectual curiosity, and intellectual creativity.

Related Careers

- Philosophy and Religion Teachers, Postsecondary

Physician Assistant Graduate Program

Degrees & Programs

Master of Physician Assistant Studies, M.P.A.S.

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Requirements

The UVU PA Program is a full-time, 28-month, year-round graduate program, consisting of 95 credit hours completed over 7 semesters. The curriculum structure is specially designed to prepare students with the knowledge, skills, and confidence to become competent PAs who demonstrate interpersonal and communication skills that result in more effective and compassionate patient care.

All MPAS didactic courses are offered and must be fulfilled on location at UVU west campus. There are no provisions for substituting or waiving program courses.

Total Program Credits: 95

Matriculation Requirements:	
1. Acceptance into the UVU Physician Assistant Program.	
a. Acceptance is determined through a competitive application process. Contact the Director of Admissions or reference the UVU Physician Assistant Program website for current cohort information. Successful applicants are awarded a seat in a specific cohort.	
2. Completion of a bachelor's degree from a regionally accredited institution of higher learning in the United States or Canada prior to application submission.	
3. Prerequisite coursework must be completed prior to application submission.	
a. Courses must have a letter grade of a C or better. AP/CLEP courses are not accepted toward any of the prerequisite courses. PREREQUISITE COURSES:	
1. Human Anatomy with Lab: 4 semester hours required, completed within seven years of the application deadline.	
2. Human Physiology with Lab: 4 semester hours required, completed within seven years of the application deadline.	
3. Chemistry with Lab: 8 semester hours required	
4. Biology with Lab: 4 semester hours required	
5. Microbiology with Lab: 4 semester hours required	
6. Statistics: 3 semester hours required	
4. A minimum of 2,000 hours of direct patient care is required for application consideration.	
5. Complete the UVU Graduate Studies Application and pay the required application fee.	
6. English Language Proficiency (TOEFL) scores will be required for all students whose native language is not English.	
7. Complete an interview day with the program.	
a. Interviews will be offered to top candidates who meet or exceed admissions criteria and have received a recommendation for an interview following the admissions committee screening process. A final cohort of students will be selected from interviewed candidates.	
8. Students who are accepted into the program must pay a non-refundable seat deposit by the required deadline.	

9. Immunizations and Health Requirements.
 - a. Students are required to have up to date immunizations and TB testing based on current Center for Disease Control recommendation and Utah state guidelines. Students must have a health clearance form completed by a qualified medical provider verifying the ability to perform the essential functions of a physician assistant (see technical standard requirements in the student handbook). Provide proof of current health insurance coverage.

Discipline Core Requirements:			95 Credits
PAS 6701	Human Anatomy for the Physician Assistant I	1	
PAS 6702	Human Anatomy for the Physician Assistant II	1	
PAS 6703	Human Anatomy for the Physician Assistant III	1	
PAS 6711	Physiology/Pathophysiology for the Physician Assistant I	2	
PAS 6712	Physiology/Pathophysiology for the Physician Assistant II	2	
PAS 6713	Physiology/Pathophysiology for the Physician Assistant III	2	
PAS 6721	Clinical Medicine I	3	
PAS 6722	Clinical Medicine II	3	
PAS 6723	Clinical Medicine III	3	
PAS 6724	Clinical Medicine IV	1	
PAS 6731	Pharmacology/Pharmacotherapy for the Physician Assistant I	3	
PAS 6732	Pharmacology/Pharmacotherapy for the Physician Assistant II	3	
PAS 6733	Pharmacology/Pharmacotherapy for the Physician Assistant III	3	
PAS 6734	Pharmacology/Pharmacotherapy for the Physician Assistant IV	3	
PAS 6741	Clinical Skills I	4	
PAS 6742	Clinical Skills II	3	
PAS 6743	Clinical Skills III	3	
PAS 6751	Clinical Decision Making I	1	
PAS 6752	Clinical Decision Making II	1	
PAS 6753	Clinical Decision Making III	1	
PAS 6761	Behavioral Medicine	3	
PAS 6762	Personal and Clinical Leadership	3	
PAS 6771	Physician Assistant Profession	2	
PAS 6772	Special Populations	3	
PAS 6773	Health Promotion and Disease Prevention	3	
PAS 6774	Supplemental Topics in Medicine	1	
PAS 6775	Health Care Delivery Systems and Medical Ethics	2	
PAS 6776	Physician Assistant Practice	1	
PAS 6781	Capstone I	1	
PAS 6782	Capstone II	1	
PAS 6783	Capstone III	1	

PAS 6790	Family Medicine I-Supervised Clinical Practice Experience	3
PAS 6791	Family Medicine II-Supervised Clinical Practice Experience	3
PAS 6792	Behavioral and Mental Health Care-Supervised Clinical Practice Experience	3
PAS 6793	Womens Health-Supervised Clinical Practice Experience	3
PAS 6794	Pediatrics-Supervised Clinical Practice Experience	3
PAS 6795	Emergency Medicine-Supervised Clinical Practice Experience	3
PAS 6796	Surgery-Supervised Clinical Practice Experience	3
PAS 6797	Internal Medicine-Supervised Clinical Practice Experience	3
PAS 6798	Elective Rotation I-Supervised Clinical Practice Experience	3
PAS 6799	Elective Rotation II-Supervised Clinical Practice Experience	3

- Physician Assistants
- Physician Assistants

Graduation Requirements:

1. A minimum cumulative GPA of 3.0 must be maintained within program.
2. 100% of the course credits required for the Master of Physician Assistant Studies (MPAS) degree must be completed at Utah Valley University. No transfer credits will be accepted.
3. Student must pass the PA Program Summative Exam with a grade of 80% or better in order to graduate. The Summative Exam is administered in the final semester of the PA Program.

Master of Physician Assistant Studies, M.P.A.S. Careers

1. Demonstrate knowledge about established and evolving biomedical and clinical sciences and the application of this knowledge to patient care.
2. Demonstrate interpersonal and communication skills that result in the effective exchange of information and collaboration with patients, their families, and health professionals.
3. Provide person-centered care that includes patient- and setting-specific assessment, evaluation, and management and healthcare that is evidence-based, supports patient safety, and advances health equity.
4. Demonstrate the ability to engage with a variety of other healthcare professionals in a manner that optimizes safe, effective, patient- and population-centered care
5. Demonstrate a commitment to practicing medicine in ethically and legally appropriate ways and emphasizing professional maturity and accountability for delivering safe and quality care to patients and populations.
6. Demonstrate the ability to learn and implement quality improvement practices by engaging in critical analysis of one's own practice experience, the medical literature, and other information resources for the purposes of self-evaluation, lifelong learning, and practice improvement.
7. Recognize and understand the influences of the ecosystem of person, family, population, environment, and policy on the health of patients and integrate knowledge of these determinants of health into patient care decisions.

Related Careers

- Health Specialties Teachers, Postsecondary

Physics

DEPARTMENT CHAIR

JENSEN, Joseph *Professor*

FACULTY

ANDERSEN, Bonnie *Professor*

DRAPER, Christian *Assistant Professor*

DURFEE, Dallin S. *Assistant Professor*

HAISCH, Karl Jr. *Professor*

HART, Vern *Associate Professor*

HINTZ, Maureen *Lecturer*

JAMES, Daniel *Assistant Professor*

JENSEN, Joseph *Professor*

LOTHRINGER, Joshua *Assistant Professor*

MATHESON, Philip *Professor*

NIELSEN, Kim *Assistant Professor*

POWELL, John *Lecturer*

SHIPP, Dustin *Assistant Professor*

SLEZAK, Cyril B. *Professor*

WASSERBAECH, Steven R. *Professor*

WEBER, Paul *Associate Professor*

YOUNG, York E. *Assistant Professor*

Degrees & Programs

Physics, Minor

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Requirements

A minor in physics represents a substantial investment in mastering the basics of physics and gaining suitable problem solving skills that may then be applied to other disciplines.

Total Program Credits: 20

Matriculation Requirements:			
1. Admitted to a bachelor degree program at UVU.			
Discipline Core Requirements:			20 Credits
	PHYS 2210	Physics for Scientists and Engineers I PP	4
	PHYS 2215	Physics for Scientists and Engineers I Lab	1
	PHYS 2220	Physics for Scientists and Engineers II PP	4
	PHYS 2225	Physics for Scientists and Engineers II Lab	1
	PHYS 3110	Modern Physics I	3
	PHYS 3115	Introduction to Experimental Physics I WE	2
Complete a minimum of 5 credits from the following courses:			5
	ASTR 3050	Astrophysics I (3)	
	ASTR 3060	Astrophysics I(3)	

	PHYS 2500	Elementary Fluids and Thermal Physics (3)	
	PHYS 2700	Biophysics (undefined)	
	PHYS 2800	Introduction to Materials Physics (3)	
	PHYS 3120	Modern Physics II (3)	
	PHYS 3125	Introduction to Experimental Physics II WE (2)	
	PHYS 3230	Principles of Electronics for the Physical Sciences (3)	
	PHYS 3300	Mathematical Physics (3)	
	PHYS 3310	Advanced Mathematical Physics (3)	
	PHYS 4300	Computational Physics (3)	
	PHYS 3400	Classical Mechanics (3)	
	PHYS 3500	Thermodynamics (3)	
	PHYS 4600	Optics (3)	
	PHYS 3800	Energy use on Earth (3)	
	PHYS 4210	Advanced Experimental Techniques (3)	
	PHYS 4250	Nuclear Physics (3)	
	PHYS 4410	Electrostatics and Magnetism (3)	
	PHYS 4420	Electrodynamics (3)	
	PHYS 4510	Quantum Mechanics I (3)	
	PHYS 4520	Quantum Mechanics II (3)	
	PHYS 4700	Acoustics (3)	
	PHYS 4800	Solid State Physics (3)	
	PHYS 490R	Seminar (0.5)	
	METO 3100	Climate and the Earth System (3)	

Graduation Requirements:

1. A minimum grade of "C" must be earned in all minor courses.

Physics, Minor Careers

1. Demonstrate understanding of how science and physics work in practice by correctly using evidence, experiment and observation, interpretation, physical concepts, etc.
2. Apply fundamental physical concepts including conservation laws, forces, fields, energy, optics, thermal and statistical physics, relativity, and quantum mechanics.
3. Use mathematics and mathematical models correctly to solve physics problems.
4. Follow practices necessary for safely using laboratory equipment.
5. Demonstrate understanding of the role of computation in physics and appropriate computer skills.
6. Communicate effectively about physics in writing and in presentations, in both formal and informal settings.
7. Demonstrate physics research skills and use ethical research practices.

Related Careers

- Natural Sciences Managers
- Physicists
- Physics Teachers, Postsecondary
- Secondary School Teachers, Except Special and Career/Technical Education

Physics Education, B.S.

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Requirements

Prepares the student to teach high school physics and AP physics. The program allows for those interested to supplement their studies with extra courses in physics or other science through elective upper division credit. A seminar course provides the student with exposure to careers in physics.

Total Program Credits: 120

Matriculation Requirements:			
<div><div>1.</div><div>Students are admitted directly to the Baccalaureate degree program in Physics Education upon acceptance to the Secondary Education Program.</div></div> <div><div>2.</div><div>Students must obtain the departmental Advisor's signature on an approved program plan prior to enrollment in their second semester of study.</div></div>			
Secondary Education Requirements:			
<div><div>1.</div><div>ENGL and MATH QL courses must have a grade C or higher.</div></div> <div><div>2.</div><div>GPA of 3.0 or higher with no grade lower than a C in content area courses.</div></div> <div><div>3.</div><div>Completion of all General Education requirements and 70% of content area courses.</div></div> <div><div>4.</div><div>Pass LiveScan Criminal Background Check.</div></div>			
General Education Requirements:			38 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGH 1005	Literacies and Composition Across Contexts CC (5)	
	ENGL 2010	Intermediate Academic Writing CC	3
	MATH 1210	Calculus I QL	4
or	PHYS 1100	Introductory Math Techniques for Physics and Engineering	
Complete one of the following:			3
	HIST 1700	American Civilization AS (3)	
	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	
	HIST 1740	US Economic History AS (3)	
	POLS 1000	American Heritage SS (3)	
	POLS 1100	American National Government AS (3)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
	HLTH 1100	Personal Health and Wellness TE (2)	
or	EXSC 1097	Fitness for Life TE	2
Distribution Courses:			
	Biology		3
	CHEM 1210	Principles of Chemistry I PP (To be taken with CHEM 1215)	4
	CHEM 1220	Principles of Chemistry II PP (To be taken with CHEM 1225)	4
	Humanities		3
	Fine Arts		3

Social/Behavioral Science		3
Discipline Core Requirements:		77 Credits
	Must be completed with a grade B- or higher.	
	CHEM 1215 Principles of Chemistry I Laboratory	1
	CHEM 1225 Principles of Chemistry II Laboratory	1
	HIST 4320 History of Scientific Thought	3
	MATH 1220 Calculus II	4
	MATH 2210 Calculus III	4
	PHYS 2210 Physics for Scientists and Engineers I PP	4
	PHYS 2215 Physics for Scientists and Engineers I Lab	1
	PHYS 2220 Physics for Scientists and Engineers II PP	4
	PHYS 2225 Physics for Scientists and Engineers II Lab	1
	PHYS 3010 Physics Experiments for Secondary Education	1
	PHYS 3110 Modern Physics I	3
	PHYS 3115 Introduction to Experimental Physics I WE	2
Education Courses:		
	EDSC 1010 Introduction to Education	2
	EDSC 3000 Educational Psychology	3
	EDSC 325G Equitable Technology Integration GI	2
	EDSC 4200 Classroom Management I	2
	EDSC 4250 Classroom Management II	2
	EDSC 4440 Content Area Literacies	3
	EDSC 445G Multicultural Instruction ESL GI	3
	EDSC 455G Secondary Curriculum Instruction and Assessment GI	3
	EDSC 4850 Student Teaching Secondary	8
	EDSC 4990 Teacher Performance Assessment Project WE	2
	EDSP 340G Exceptional Students GI	2
Complete the following set:		
	SCIE 4210 Science Teaching Methods I	3
	SCIE 4220 Teaching Methods in Science II	3
PHYSICS:		
	PHYS 490R Seminar (must be repeated two times)	1
Complete 9 credits from the following:		9
	ASTR 3050 Astrophysics I (3)	
	ASTR 3060 Astrophysics II (3)	
	PHYS 1100 Introductory Math Techniques for Physics and Engineering (3)	
	PHYS 2500 Elementary Fluids and Thermal Physics (3)	
	PHYS 3120 Modern Physics II (3)	
	PHYS 3125 Introduction to Experimental Physics II WE (2)	

Physics

	PHYS 3230	Principles of Electronics for the Physical Sciences (3)	
	PHYS 3300	Mathematical Physics (3)	
	PHYS 3400	Classical Mechanics (3)	
	PHYS 3500	Thermodynamics (3)	
	PHYS 3800	Energy use on Earth (3)	
	PHYS 4700	Acoustics (3)	
Elective Requirements:			5 Credits
	Complete 5 credits of upper division electives.		5

Graduation Requirements:

1. Completion of a minimum of 120 semester credits with a minimum of 40 upper-division credits.
2. Overall Grade of 3.0 (B) or above with no grade lower than a C or better in major required content courses and no grade lower than a B- in Licensure and Methods courses.
3. Residency hours -- minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
4. Completion of GE and specified departmental requirements.
5. A minimum of 52 credit hours must be in the major with a minimum of 20 credits taken at UVU. A minimum of 24 chemistry and physics credits must be upper-division.
6. Successful completion of at least one Global/Intercultural course.

Physics Education, B.S.

Careers

1. Demonstrate how to teach about how science and physics work in practice by correctly using evidence, experiment and observation, interpretation, physical concepts, etc.
2. Learn to apply and teach about fundamental physical concepts including conservation laws, forces, fields, energy, optics, thermal and statistical physics, relativity, and quantum mechanics.
3. Use mathematics and mathematical models correctly to solve physics problems.
4. Follow practices necessary for safely using laboratory equipment.
5. Demonstrate understanding of the role of computation in physics and appropriate computer skills.
6. Communicate effectively about physics in writing and in presentations, in both formal and informal settings.
7. Demonstrate physics research skills and use ethical research practices.

Related Careers

- Physics Teachers, Postsecondary
- Education Teachers, Postsecondary
- Secondary School Teachers, Except Special and Career/Technical Education

Physics, B.S.

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Requirements

A Bachelor in Physics provides the student with an understanding of the laws of nature and with the experimental and analytical techniques necessary to describe and solve problems in physical systems. The degree prepares students for further graduate study in physics, astronomy, geophysics, medicine, engineering or many other diverse fields. Bachelor's recipients also find employment in a variety of

industries and careers, including engineering, education, computer science, programming, electronics, energy and the environment, geology, medical physics, optics, finance, law and more.

Total Program Credits: 120

Matriculation Requirements:			
1. Advisor approval.			
2. Completion of PHYS 2210 and MATH 1210 with a C or higher.			
General Education Requirements:			37 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGH 1005	Literacies and Composition Across Contexts CC	
	ENGL 2010	Intermediate Academic Writing CC	3
	MATH 1210	Calculus I QL	4
Complete one of the following:			3
	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	
	HIST 1700	American Civilization AS (3)	
	HIST 1740	US Economic History AS (3)	
	POLS 1000	American Heritage SS(3)	
	POLS 1100	American National Government AS (3)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
	HLTH 1100	Personal Health and Wellness TE (2)	
or	EXSC 1097	Fitness for Life TE	2
Distribution Courses:			
	Biology		3
	Physical Science		3
	Additional Biology or Physical Science		3
	Humanities Distribution		3
	Fine Arts Distribution		3
	Social/Behavioral Science		3
Discipline Core Requirements:			63 Credits
	PHYS 2210	Physics for Scientists and Engineers I PP	4
	PHYS 2215	Physics for Scientists and Engineers I Lab	1
	PHYS 2220	Physics for Scientists and Engineers II PP	4
	PHYS 2225	Physics for Scientists and Engineers II Lab	1
	PHYS 3110	Modern Physics I	3
	PHYS 3115	Introduction to Experimental Physics I WE	2
	PHYS 3120	Modern Physics II	3
	PHYS 3125	Introduction to Experimental Physics II WE	2
	PHYS 3230	Principles of Electronics for the Physical Sciences	3
	PHYS 3300	Mathematical Physics	3
	PHYS 3330	Computational Physics	3

PHYS 3400	Classical Mechanics	3
PHYS 3500	Thermodynamics	3
PHYS 3600	Optics	3
PHYS 4210	Advanced Experimental Techniques	3
PHYS 4410	Electrostatics and Magnetism	3
PHYS 4420	Electrodynamics	3
PHYS 4510	Quantum Mechanics I	3
PHYS 490R	Seminar (0.5 credits, taken 4 times)	2
MATH 1220	Calculus II	4
MATH 2210	Calculus III	4
MATH 2280	Ordinary Differential Equations	3
Elective Requirements:		21 Credits
Complete 21 credits from the following courses. The selection of elective coursework should present a coherent theme such as engineering physics, medical physics, nuclear physics, geophysics, computational physics, etc. (Consult Advisor or Department Chair for assistance or to consider possible course substitutions.)		21
ASTR 2040	Intermediate Astronomy (3)	
ASTR 3050	Astrophysics I (3)	
ASTR 3060	Astrophysics II (3)	
ASTR 4100	Brown Dwarfs and Exoplanets (3)	
ASTR 4350	Research Methods in Astronomy (3)	
PHYS 1100	Introductory Math Techniques for Physics and Engineering (3)	
PHYS 2500	Elementary Fluids and Thermal Physics (3)	
PHYS 2700	Biophysics (undefined)	
PHYS 2800	Introduction to Materials Physics (3)	
PHYS 3310	Advanced Mathematical Physics (3)	
PHYS 3350	Applications of LabVIEW in Physics (3)	
PHYS 3700	Particle Physics (3)	
PHYS 3800	Energy use on Earth (3)	
PHYS 4150	Medical Physics (3)	
PHYS 4250	Nuclear Physics (3)	
PHYS 4350	Research Methods in Physics (3)	
PHYS 4520	Quantum Mechanics II (3)	
PHYS 4700	Acoustics (3) ¹	
PHYS 4800	Solid State Physics (3) ¹	
PHYS 481R	Physics Internship (1-4) (no more than 4 hours counted toward degree)	
PHYS 489R	Undergraduate Research in Physics (1-3) (no more than 9 hours counted toward degree)	
PHYS 492R	Topics in Physics (3) (may only be taken once toward degree credit)	
PHYS 495R	Independent Readings (1-3) (no more than 3 hours counted toward degree)	
PHYS 499A	Senior Project (2) ¹	
PHYS 499B	Senior Thesis (1) ¹	

See Physics Department academic advisor for possibly more complete and up to date list.		
CHEM 1210	Principles of Chemistry I PP (4) ²	
CHEM 1215	Principles of Chemistry I Laboratory (1)	
CHEM 1220	Principles of Chemistry II PP (4) ²	
CHEM 1225	Principles of Chemistry II Laboratory (1)	
Any CHEM course 2310 or higher except internship and independent study type courses.		
Any EENG course 2700 or higher except internship and independent study type courses.		
Any ENGR course 2010 or higher except internship and independent study type courses.		
MATH 2270	Linear Algebra (3)	
Any MATH course 3200 or higher except internship and independent study type courses.		
Any GEO course 3080 or higher, except internship and independent study-type courses.		
METO 3100	Climate and the Earth System (3)	
Notes:		
1. Suggested elective option for the student intent on continuing physics studies in graduate school.		
2. Strongly recommended for inclusion in any elective option.		

Graduation Requirements:

1. Completion of a minimum of 120 semester credits.
2. Overall grade point average of 2.0 (C) or above with no grade lower than a "C" in core and elective requirement courses.
3. Residency hours--minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
4. Completion of GE and specified departmental requirements.
5. Successful completion of at least one Global/Intercultural course.

Physics, B.S.**Careers**

1. Demonstrate understanding of how science and physics work in practice by correctly using evidence, experiment and observation, interpretation, physical concepts, etc.
2. Apply fundamental physical concepts including conservation laws, forces, fields, energy, optics, thermal and statistical physics, relativity, and quantum mechanics.
3. Use mathematics and mathematical models correctly to solve physics problems.
4. Follow practices necessary for safely using laboratory equipment.
5. Demonstrate understanding of the role of computation in physics and appropriate computer skills.
6. Communicate effectively about physics in writing and in presentations, in both formal and informal settings.
7. Demonstrate physics research skills and use ethical research practices.

Related Careers

- Natural Sciences Managers
- Physicists
- Physics Teachers, Postsecondary
- Secondary School Teachers, Except Special and Career/Technical Education

Public Health

DEPARTMENT CHAIR

BARTHEL, Brian R. *Associate Professor*

FACULTY

BARBER, Melinda *Assistant Professor*

BARTHEL, Brian R. *Associate Professor*

BEMEL, James *Associate Professor*

COX, Mckelle *Lecturer*

FLINT, Matthew *Associate Professor*

HALL, Sarah M. *Assistant Professor*

LARSEN, Merilee *Associate Professor*

MURPHY, Lynley *Associate Professor*

THIESSET, Heather *Assistant Professor*

WALSH, Robert O. *Professor*

Degrees & Programs

Public Health, A.S.

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Requirements

Students in the Department of Public Health may receive an Associate in Science in Public Health. The AS degree is a stepping stone to a Bachelor of Science in Public Health. A minor in Public Health is available as well as an endorsement for School Health Education.

Total Program Credits: 60

General Education Requirements:		35 Credits
	ENGL 1010 Introduction to Academic Writing CC	3
or	ENGL 1005 Literacies and Composition Across Context CC (5)	
	ENGL 2010 Intermediate Writing Academic Writing and Research	3
Complete one of the following: ¹		3
	STAT 1040 Introduction to Statistics QL (3)	
	STAT 1045 Introduction to Statistics with Algebra QL (5)	
	MATH 1050 College Algebra QL (4) (recommended for Business, Education, Science, and Health Professions majors)	
	MATH 1055 College Algebra with Preliminaries QL (5)	
	MATH 1090 College Algebra for Business QL (3) (recommended for Business majors)	
Complete one of the following:		3
	HIST 2700 US History to 1877 AS (3)	
and	HIST 2710 US History since 1877 AS (3)	
	HIST 1700 American Civilization AS (3)	
	HIST 1740 US Economic History AS (3)	
	POLS 1000 American Heritage SS (3)	
	POLS 1100 American National Government AS (3)	

Complete the following:

	PHIL 2050 Ethics and Values IH	3
	HLTH 1100 Personal Health and Wellness TE	2
or	EXSC 1097 Fitness for Life TE (2)	

Distribution Courses

	BIOL 1010 General Biology BB	3
or	BIOL 1610 College Biology I BB (4)	
	Physical Science	3
	Additional Biology or Physical Science	3
	Humanities Distribution	3
	Fine Arts Distribution	3
	Social/Behavioral Science	3

Discipline Core Requirements:

	NUTR 1020 Foundations of Human Nutrition	3
	HLTH 2600 Drugs Behavior and Society SS	3
	ZOO 1090 Introduction to Human Anatomy and Physiology BB	3

Complete 6 credits of the following

	HLTH 1200 First Aid (3)	
	HLTH 2400 Concepts of Stress Management (3)	
	HLTH 2800 Human Sexuality SS (3)	

Complete 10 additional credits of any course level 1000 or higher

Notes:

- Students majoring in Healthcare Administration must complete one of the following: MATH 1050, MATH 1055, or MATH 1090. Students majoring in Public Health must complete one of the following: STAT 1040, STAT 1045, MATH 1050, or MATH 1055.

Graduation Requirements:

- Completion of a minimum of 60 semester credits.
- Overall GPA of 2.50 or above with no grade lower than a C- in core courses.
- Residency hours-- minimum of 20 credit hours through course attendance at UVU.
- Completion of GE and specified departmental requirements.

Public Health, A.S.

Careers

- Describe the role and function of basic nutrients in the human body.
- Discuss categories of drugs and their effects on the body, risk factors for drug use, drug dependence, and strengths and weaknesses of drug prevention programs.
- Describe basic principles of anatomy including anatomic nomenclature, function of organs, and structure of organ systems.

Related Careers

- Medical and Health Services Managers
- Community Health Workers

Health and Wellness Coaching, Certificate of Proficiency

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Requirements

Health and wellness coaching professionals work in government, private, and nonprofit sectors as expert facilitators of sustainable change in mindset and behaviors. Health and wellness coaches are equipped with evidence-based coaching tools to help individuals improve and maintain healthy lifestyles. Students will be prepared to assess, plan, and help individuals implement health and nutrition lifestyle changes. The curriculum provides a solid foundation in essential theories of coaching science and the application of coaching skills, as well as how to assist clients with wellness mapping and practical hands-on mentoring. Employment settings include healthcare facilities, hospitals, state and local health departments, businesses, worksite wellness programs, and a variety of nonprofit organizations. The wellness coaching certificate program at UVU will stack into both the associate and bachelor degrees in Public Health.

Total Program Credits: 16

Discipline Core Requirements:		17 Credits
HLTH 1100	Personal Health and Wellness TE	2
HLTH 2450	Health Coaching	3
HLTH 2550	Health Coaching II	3
HLTH 2750	Supervised Coaching	1
HLTH 282R	Coaching Internship	2
HWC 2000	Lifestyle Medicine for Health Coaching	2
Complete three credits from the following elective options		3
HLTH 2000	Body Image and Weight Management (3)	
HLTH 1055	Pilates I CoreMax Training (3)	
HLTH 1057	Power Yoga (3)	
HLTH 1405	Safety Awareness and Self Defense (3)	
HLTH 1500	Mindfulness/ Meditation/Breathwork (3)	
NUTR 1020	Foundations of Human Nutrition (3)	

Graduation Requirements:

1. Completion of the program with the required in-person components per NBHWC.
2. Overall grade point average of 2.0 (C) or above.
3. Residency hours -- minimum of 12 credit hours through course attendance at UVU.

Health and Wellness Coaching, Certificate of Proficiency Careers

1. Facilitate wellness behavior change by empowering the client to self-discover values, resources, and strategies that are individualized and meaningful.
2. Identify risk factors for chronic disease and recommend lifestyle changes to optimize health and wellness.
3. Use empathy and emotional availability to create a positive rapport with clients and ensure their wellness needs are being met.
4. Develop client wellness plans while considering personal preference and goals.
5. Demonstrate best practices for communication such as active listening, writing for clarity, and responding professionally to inquiries.

Related Careers

- Health Educators
- Community Health Workers

Health, Certificate of Proficiency

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Requirements

The Health certificate is available to all UVU students with a particular focus designed to provide high school students an opportunity to obtain a certificate of proficiency in a Career and Technical Education (CTE) field while still enrolled in high school and stack into certificate, associate and bachelor degrees at UVU. This certificate is available from the University for college students/adults looking for entry-level skills leading to further academic advancement and learn more about the Health field.

Total Program Credits: 16

Discipline Core Requirements:			17 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGL 1005	Literacies and Composition Across Contexts CC (5)	
	PSY 1100	Human Development Life Span SS	3
or	PSY 1010	General Psychology SS (3)	3
	NUTR 1020	Foundations of Human Nutrition	
	BIOL 1610	College Biology I BB	4
Complete one of the following:			3
	MAT 1030	Quantitative Reasoning QL (3)	
	MAT 1035	Quantitative Reasoning with Integrated Algebra QL (6)	
	MATH 1050	College Algebra QL (4)	
	MATH 1055	College Algebra with Preliminaries QL (5)	
	STAT 1040	Introduction to Statistics QL (3)	
	STAT 1045	Introduction to Statistics with Algebra QL (5)	

Graduation Requirements:

1. Completion of a minimum of 16 semester credits.

Public Health

2. Overall grade point average of 2.5 or above.
3. All core courses must be completed with grade 'C' or higher.

Health, Certificate of Proficiency Careers

1. Describe key terms and concepts currently used in the areas of mathematics, biology, human development and nutrition through writing and other assignments.
2. Discuss the relevance of biology, human development and nutrition to concerns of society through writing and other assignments.
3. Apply the process of science by generating hypotheses, critically evaluating data, and solving problems.

Related Careers

- Health Educators
- Community Health Workers

Public and Community Health, Certificate of Proficiency

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Requirements

The Certificate of Proficiency in Public and Community Health is available for all UVU students with a particular focus designed to provide high school students an opportunity to obtain a stackable certificate of proficiency with an emphasis in career and technical education while still enrolled in high school. This certificate is available from the University for college students/adults looking for basic entry-level skills leading to further academic advancement and learn more about Public and Community Health as a career field.

Total Program Credits: 15

Discipline Core Requirements:		15 Credits
	ENGL 1010 Introduction to Academic Writing CC	3
or	ENGL 1005 Literacies and Composition Across Contexts CC (5)	
	HLTH 1200 First Aid	3
	NUTR 1020 Foundations of Human Nutrition	3
	BIOL 1010 General Biology BB	3
Complete one of the following:		3
	MATH 1050 College Algebra QL (4)	
	MATH 1055 College Algebra with Preliminaries QL (5)	
	STAT 1040 Introduction to Statistics QL (3)	
	STAT 1045 Introduction to Statistics with Algebra QL (5)	

Graduation Requirements:

1. Completion of a minimum of 15 semester credits.
2. Overall grade point average of 2.5 or above.
3. All core courses must be completed with grade 'C' or higher.

Public and Community Health, Certificate of Proficiency Careers

1. Describe key terms and concepts currently used in the areas of mathematics, first aid, interpersonal communication and nutrition through writing and other assignments.
2. Discuss the relevance of first aid, interpersonal communication and nutrition to concerns of society through writing and other assignments.
3. Apply the process of science by generating hypotheses, critically evaluating data, and solving problems.

Related Careers

- Medical and Health Services Managers
- Community Health Workers

Healthcare Administration, Minor

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Requirements

An undergraduate minor in Healthcare Administration provides students in different programs a solid foundation in the skills necessary to serve as an effective and competent administrator within any healthcare setting. Healthcare Administration students are prepared to work in entry and middle management positions within public, private, and non-profit health agencies. Responsibilities include administration and management tasks such as developing, planning, managing, and leading health care operations and services, and directing changes in healthcare laws and regulation.

Opportunities exist in industries such as health care systems, technology industries, data analytics, health insurance, innovation, business, and wellness. There is increased demand for employees with knowledge of healthcare administration in a variety of settings. This minor would be beneficial for students majoring in Business, Pre-Professional (pre-med, pre-dental, pre-physical therapy), Nursing and Allied Health fields (Respiratory Therapy, Dental Hygiene, etc.), Behavioral Sciences, Information Systems, Public Health or any other health-related field. The Department of Public Health strives to schedule courses to allow students to obtain this minor with little to no additional time in school. The Healthcare Administration minor at UVU includes 18 credit hours of coursework.

Total Program Credits: 18

Matriculation Requirements:		
1. Admitted to a bachelor's degree program at UVU.		
Discipline Core Requirements:		18 Credits
HLTH 4500	Healthcare Administration	3
HLTH 4560	Introduction to Healthcare Systems	3
HLTH 4640	Population Health and Strategic Management	3
Choose one of the following:		3
HLTH 4780	Strategic Planning and Operations Management	

HLTH 4140	Assessment and Program Development WE	
MGMT 4470	Strategic Operational Planning	
Complete one of the following:		3
HLTH 3160	Healthcare Law WE	
LEGL 3000	Business Law	
Complete one of the following:		3
HLTH 3700	Grant Writing for Public Health WE	
HLTH 4250	Health Organization and Policy WE	
HLTH 4600	Research Methods for Public Health WE	
HLTH 4300	Health Ethics WE	
HLTH 440G	Health and Diversity GI	
INFO 3700	Health Informatics Fundamentals	
FIN 3100	Principles of Finance	
HR 3430	Introduction to Human Resource Management	

Graduation Requirements

1. Overall **minor** GPA of 3.0 or above in all courses.

Healthcare Administration, Minor Careers

Program Learning Outcomes
<ol style="list-style-type: none"> 1. Implement business and health care policy by exhibiting intelligence in healthcare operations, business, resource allocation, policy making, and law. 2. Serve in leadership and management roles demonstrating effective, efficient and ethical leadership. 3. Compare and contrast public, private, and foreign healthcare systems. 4. Demonstrate proficiency in networking, continuous improvement, operations, leadership, and management upon completion of an internship.

Public Health, Minor

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Requirements

The Public Health minor prepares students to serve as effective and competent health professionals. The curriculum provides a solid foundation in nutrition, drugs, human sexuality, and health behavior theory. Students will be equipped to identify factors that influence health choices and to apply health theories to help individuals, families, and communities improve and maintain healthy lifestyles. The Public Health minor compliments majors related to the health professions including pre-med, pre-dental, nursing, dental hygiene, and respiratory therapy.

Total Program Credits: 21

Matriculation Requirements:			
1. Admitted to a bachelor degree program at UVU.			
Discipline Core Requirements:			18 Credits
	NUTR 1020	Foundations of Human Nutrition	3
	HLTH 2600	Drugs Behavior and Society SS	3
	HLTH 2800	Human Sexuality SS	3
	HLTH 3200	Principles of Community Health	3
	HLTH 3220	Foundations of Health Education	3
	HLTH 3260	Theory-Based Approaches to Modifying Health Behavior	3
Elective Requirements:			3 Credits
	Any upper-division HLTH course		3

Graduation Requirements

1. Overall GPA of 2.50 or above with a minimum GPA of 2.75 in all core and elective courses. No grade lower than a C- in core or elective courses.

Public Health, Minor Careers

1. Identify factors that influence health choices in individuals and populations.
2. Describe basic concepts of nutrition, drugs, and human sexuality.
3. Discuss political, economic, and social factors influencing the organization and delivery of community health services.
4. Describe the major responsibilities of the Health Educator in Health Education practice.
5. Apply contemporary models and theories to develop behavior change interventions.

Related Careers

- Medical and Health Services Managers
- Community Health Workers

School Health Education, Minor

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Requirements

Students MUST have a Secondary Education degree to certify with the School Health Education Endorsement.

Total Program Credits: 26

Matriculation Requirements:
1. Must be accepted into a Secondary Education major program.

Public Health

Discipline Core Requirements:			26 Credits
	NUTR 1020	Foundations of Human Nutrition	3
	HLTH 1100	Personal Health and Wellness TE	2
or	HLTH 2900	Health Education for Elementary Teachers (2)	
	HLTH 1200	First Aid	3
	HLTH 2400	Concepts of Stress Management	3
	HLTH 2600	Drugs Behavior and Society SS	3
	HLTH 2800	Human Sexuality SS	3
	HLTH 3220	Foundations of Health Education	3
	HLTH 4100	Health Education Curriculum for Secondary Teachers	3
	HLTH 4200	Health Education Teaching Methods WE	3

Graduation Requirements

1. GPA of 3.0 or higher with no grade lower than a C in discipline core courses.

Healthcare Administration, B.S.

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Requirements

The Bachelor of Science in Healthcare Administration provides students a solid foundation in the skills necessary to serve as an effective and competent administrator within any healthcare setting. Healthcare Administration graduates are prepared to work in entry and middle management positions within public, private, and non-profit health agencies. Responsibilities include administration and management tasks such as developing, planning, managing, and leading health care operations and services, and directing changes in healthcare laws and regulation. The Healthcare Administration program at UVU includes 116 credit hours of coursework and four credit hours of internship experience for a total of 120 credit hours. The Department of Public Health strives to schedule courses to allow students to complete these requirements within a four-year timeframe while meeting the needs of traditional and non-traditional students.

Total Program Credits: 120

Matriculation Requirements:			
In order to be matriculated into the 'Healthcare Administration' program, students must:			
Complete: ENGL 1010 or ENGL 1005, ENGL 2010, BIOL 1010 OR BIOL 1610, ZOOL 1090, HLTH 3200 and MATH 1050 or 1055 or MATH 1090 with a minimum grade of a C- or higher (with the exception of ENGL 1005 which requires a grade of C or higher) and a GPA of 3.0 in these courses			
Students will be required to complete the catalog requirements in effect for the semester in which matriculation is granted			
General Education Requirements:			35 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGL 1005	Literacies and Composition Across Context CC (5)	

	ENGL 2010	Intermediate Academic Writing CC	3
Complete one of the following:			3
	MATH 1050	College Algebra QL (4)	
	MATH 1055	College Algebra with Preliminaries QL (5)	
	MATH 1090	College Algebra for Business QL (3)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
	HLTH 1100	Personal Health and Wellness TE	2
or	EXSC 1097	Fitness for Life TE (2)	
Complete one of the following:			3
	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	
	HIST 1700	American Civilization AS (3)	
	HIST 1740	US Economic History AS (3)	
	POLS 1000	American Heritage SS (3)	
	POLS 1100	American National Government AS (3)	
Distribution Courses			
	BIOL 1010	General Biology BB	3
or	BIOL 1610	College Biology I BB (4)	
	Physical Science		3
	Additional Biology or Physical Science		3
	Humanities Distribution		3
	Fine Arts Distribution		3
	Social/Behavioral Science		3
Discipline Core Requirements:			76 Credits
	ZOOL 1090	Introduction to Human Anatomy and Physiology BB	3
	MKTG 220G	Written Business Communication GI WE	3
	MKTG 2390	Professional Business Presentations	3
	MGMT 2340	Business Statistics I	3
	MGMT 3000	Organizational Behavior WE	3
	ECON 2010	Principles of Economics I SS	3
	ACC 3000	Financial Managerial and Cost Accounting Concepts	3
	IM 2600	Spreadsheet Applications	3
	HR 3430	Introduction to Human Resource Management	3
	INFO 3700	Health Informatics Fundamentals	3
	FIN 3100	Principles of Finance	3
	HLTH 3160	Healthcare Law WE	3
or	LEGL 3000	Business Law (3)	
	HLTH 3200	Principles of Community Health	3
	HLTH 3230	Professional Development	3
	HLTH 3260	Theory-Based Approaches to Modifying Health Behavior	3
	HLTH 3400	Human Diseases	3
	HLTH 3700	Grant Writing WE (3)	

or	HLTH 4600	Research Methods for Public Health WE	3
	HLTH 4250	Health Organization and Policy WE	3
	HLTH 4300	Health Ethics WE	3
	HLTH 440G	Health and Diversity GI	3
	HLTH 4500	Healthcare Administration	3
	HLTH 4560	Introduction to Healthcare Systems	3
	HLTH 4640	Population Health and Strategic Management	3
	HLTH 4780	Strategic Planning and Operations Management	3
	HLTH 482R	Health Internship	4
Emphasis Elective Requirements:			9 Credits
Complete 9 credits of any course 1000 or higher			9

Graduation Requirements:

1. Completion of a minimum of 120 semester credits with a minimum of 40 upper-division credits. A minimum of at least 10 hours earned in the last 45 hours must be earned at UVU.
2. Overall GPA of 2.50 or higher.
3. A combined GPA of 2.75 or higher for all discipline core requirements with no discipline core courses falling below a C-.
4. Completion of GE and specified departmental requirements.
5. Successful completion of at least one Global/Intercultural course.

Healthcare Administration, B.S.**Careers**

1. Implement business and health care policy by exhibiting intelligence in healthcare operations, business, resource allocation, policy making, and law.
2. Serve in leadership and management roles demonstrating effective, efficient and ethical leadership
3. Compare and contrast public, private, and foreign healthcare systems.
4. Demonstrate proficiency in networking, continuous improvement, operations, leadership, and management upon completion of an internship.

Related Careers

- Medical and Health Services Managers

Public Health, B.S.

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Requirements

The Bachelor of Science in Public Health prepares students to serve as effective and competent public health professionals. Public health graduates are equipped with knowledge to help individuals, families, and communities improve and maintain healthy lifestyles. Students will be prepared to assess, plan, implement, manage, and evaluate public health programs. The curriculum provides a solid foundation in health behavior theory, data collection and analysis, social determinants of health, communication and marketing, policy and advocacy, and ethics. Students will be prepared to sit for the Certified Health Education Specialist exam. Public health professionals work in government, private, and nonprofit sectors. Employment settings include healthcare facilities, hospitals, state and local health departments, businesses, worksite wellness programs, schools, universities, and a variety of nonprofit organizations. The public health program at UVU includes 116

credits of coursework and four credits of internship experience for a total of 120 credit hours.

Total Program Credits: 120

Matriculation Requirements:			
In order to be matriculated into the 'Public Health' program, students must:			
1. Complete ENGL 1010 or ENGH 1005, ENGL 2010; BIOL 1010 or BIOL 1610; ZOOL 1090; and HLTH 3200 and MATH 1050 or 1055 or STAT 1040 or 1045 with a minimum grade of C- or higher (with the exception of ENGH 1005 requires a grade of C or higher) and a GPA of 2.5 in these courses.			
2. Have an overall GPA of 2.50.			
Students will be required to complete the catalog requirements in effect for the semester in which matriculation is granted.			
General Education Requirements:			35 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGH 1005	Literacies and Composition Across Context CC (5)	
	ENGL 2010	Intermediate Academic Writing CC	3
Complete one of the following:			3
	MATH 1050	College Algebra QL (4)	
	MATH 1055	College Algebra with Preliminaries QL (5)	
	STAT 1040	Introduction to Statistics QL (3)	
	STAT 1045	Introduction to Statistics with Algebra QL (5)	
Complete one of the following:			3
	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	
	HIST 1700	American Civilization AS (3)	
	HIST 1740	US Economic History AS (3)	
	POLS 1000	American Heritage SS (3)	
	POLS 1100	American National Government AS (3)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
	HLTH 1100	Personal Health and Wellness TE	2
or	EXSC 1097	Fitness for Life TE (2)	
Distribution Courses			
	BIOL 1010	General Biology BB	3
or	BIOL 1610	College Biology I BB (4)	
	Physical Science		3
	Additional Biology or Physical Science		3
	Humanities Distribution		3
	Fine Arts Distribution		3
	Social/Behavioral Science ¹		3
Discipline Core Requirements:			59 Credits
	ZOOL 1090	Introduction to Human Anatomy and Physiology BB	3
	NUTR 1020	Foundations of Human Nutrition	3
	HLTH 2600	Drugs Behavior and Society SS	3
	HLTH 3200	Principles of Community Health	3

Public Health

	HLTH 3220	Foundations of Health Education	3
	HLTH 3230	Professional Development	3
	HLTH 3260	Theory-Based Approaches to Modifying Health Behavior	3
	HLTH 3400	Human Diseases	3
	HLTH 3450	Public Health and the Environment	3
	HLTH 350G	International Health GI	3
or	HLTH 440G	Health and Diversity GI (3)	
	HLTH 3600	Social Marketing	3
	HLTH 3700	Grant Writing WE (3)	
or	HLTH 4600	Research Methods for Community Health WE	3
	HLTH 3750	Biostatistics for Public Health	3
	HLTH 3800	Epidemiology	3
	HLTH 4140	Assessment and Program Development WE	3
	HLTH 4160	Program Implementation and Evaluation WE	3
	HLTH 4250	Health Organization and Policy WE	3
	HLTH 4300	Health Ethics WE	3
	HLTH 482R	Health Internship (1)	4
	HLTH 4950	Senior Capstone	1
Public Health Lower Division Electives - Choose 6 credits			6
	NUTR 2020	Nutrition Through the Life Cycle BB (3)	
	PSY 2300	Abnormal Psychology (3)	
	HLTH 1200	First Aid (3)	
	HLTH 1300	Medical Terminology I (3)	
	HLTH 2000	Body Image Weight Management (3)	
	HLTH 2200	Introduction to Health Professions (3)	
	HLTH 2400	Concepts of Stress Management (3)	
	HLTH 2800	Human Sexuality SS (3)	
Public Health Upper Division Electives - Choose 6 credits			6
	HLTH 3000	Health Concepts of Death and Dying (3)	
	HLTH 3240	Womens Health Issues (3)	
	HLTH 3300	Health Promotion for Older Adults (3)	
	HLTH 4500	Healthcare Administration (3)	
	HLTH 4720	CHES Preparation (1)	
	HLTH 490R	Special Topics in Public Health (1)	
Additional Elective Courses			14
Any course 1000 or higher (may include courses counting toward a minor)			14
Notes:			
1. HLTH 2800 Human Sexuality SS recommended.			

Graduation Requirements:

1. Completion of a minimum of 120 semester credits with a minimum of 40 upper-division credits. A minimum of at least 10 hours earned in the last 45 hours must be earned at UVU.
2. Overall GPA of 2.50 or higher.

3. A combined GPA of 2.75 or higher for all discipline core requirements with no discipline core course falling below a C-.
4. Completion of GE and specified departmental requirements.
5. Successful completion of at least one Global/Intercultural course.

Public Health, B.S.

Careers

Program Learning Outcomes

1. Communicate public health information, in both oral and written forms and through a variety of media, to diverse audiences.
2. Locate, use, evaluate, and synthesize public health information
3. Assess individual and community needs at the entry level.
4. Plan and implement health education strategies, interventions and programs at the entry level.
5. Conduct evaluations and research related to health education at the entry level.

Related Careers

- Medical and Health Services Managers
- Health Educators
- Community Health Workers
- Health Specialties Teachers, Postsecondary

School Health Education, B.S.

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Requirements

The Bachelor of Science in School Health Education prepares students to serve as competent and effective school health educators. School Health Education graduates are equipped with knowledge and skills to help youth develop, improve, and maintain healthy lifestyles. School Health students will be prepared to plan, create, implement and assess health lesson plans in a school setting as they pertain to the State of Utah Health Curriculum. The School Health Education program at UVU provides a solid foundation in health knowledge, skills, and curriculum through various required courses, including: personal health and wellness, mental & emotional health, nutrition, substance abuse, human diseases, human development, human sexuality, first aid and personal safety. In addition, School Health students will learn and practice skills to help them with the Educative Teacher Performance assessment (edTPA). School Health Educators work in secondary education school settings which are in the public, private, or charter sectors.

Total Program Credits: 120

Matriculation Requirements:			
		1. ENGL and MATH QL courses must have a grade C or higher.	
		2. GPA of 3.0 or higher with no grade lower than C in discipline core course.	
		3. Completion of all General Education requirements and 70% of content area courses	
		4. Pass LiveScan Criminal Background Check.	
General Education Requirements:			36 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGL 1005	Literacies and Composition Across Context CC (5)	
	ENGL 2010	Intermediate Academic Writing CC	3
	MATH 1050	College Algebra QL	4
or	MATH 1055	College Algebra with Preliminaries QL (5)	

Complete one of the following:		3
	HIST 2700 US History to 1877 AS (3)	
and	HIST 2710 US History since 1877 AS (3)	
	HIST 1700 American Civilization AS (3)	
	HIST 1740 US Economic History AS (3)	
	POLS 1000 American Heritage SS (3)	
	POLS 1100 American National Government AS (3)	
Complete the following:		
	PHIL 2050 Ethics and Values IH	3
	HLTH 1100 Personal Health and Wellness TE	2
or	EXSC 1097 Fitness for Life TE (2)	
Distribution Courses		
	BIOL 1010 General Biology BB	3
or	BIOL 1610 College Biology I BB (4)	
	Physical Science	3
	Additional Biology or Physical Science	3
	Humanities Distribution	3
	Fine Arts Distribution	3
	Social/Behavioral Science	3
Discipline Core Requirements:		74 Credits
	HLTH 1200 First Aid	3
	HLTH 2400 Concepts of Stress Management	3
	HLTH 2600 Drugs Behavior and Society SS	3
	HLTH 2800 Human Sexuality SS	3
	HLTH 3200 Principles of Community Health	3
	HLTH 3220 Foundations of Health Education	3
	HLTH 3230 Professional Development	3
	HLTH 3260 Theory-Based Approaches to Modifying Health Behavior	3
	HLTH 3400 Human Diseases	3
	HLTH 3450 Public Health and the Environment	3
	HLTH 4100 Health Education Curriculum for Secondary Teachers	3
	HLTH 4200 Health Education Teaching Methods WE	3
	NUTR 1020 Foundations of Human Nutrition	3
	ZOO 1090 Introduction to Human Anatomy and Physiology BB	3
Secondary Education Courses: <small>Must be completed with a grade of B- or higher</small>		
	EDSC 1010 Introduction to Education	2
	EDSC 3000 Educational Psychology	3
	EDSC 325G Equitable Technology Integration GI	2
	EDSC 4200 Classroom Management I (Dance Education majors take DANC 4430 in place of EDSC 4200)	2
	EDSC 4250 Classroom Management II	2

EDSC 4440	Content Area Literacies (English Education majors take ENGL 4210, 4220, 4230 in place of EDSC 4440)	3
EDSC 445G	Multicultural Instruction ESL GI	3
EDSC 455G	Secondary Curriculum Instruction and Assessment GI	3
EDSC 4850	Student Teaching Secondary	8
EDSC 4990	Teacher Performance Assessment Project WE	2
EDSP 340G	Exceptional Students GI	2
Elective Requirements:		10 Credits
Complete 10 credits of any course 1000 or higher		10

Graduation Requirements:

1. Completion of a minimum of 120 semester credits with a minimum of 40 upper-division credits. A minimum of at least 10 hours earned in the last 45 hours must be earned at UVU.
2. Overall GPA of 3.0 or above with no grade lower than a C in major required discipline core courses and no grade lower than a B- in Licensure and Methods courses.
3. Completion of GE and specified departmental requirements.
4. Successful completion of at least one Global/Intercultural course.

School Health Education, B.S.**Careers**

Program Learning Outcomes	
1.	Prepare and teach developmentally appropriate lessons or learning experiences that lead to achieving health objectives based on the Utah State Secondary Health Education Core Curriculum.
2.	Utilize effective instructional methods and pedagogy to deliver developmentally appropriate lessons or learning experiences that lead to achieving health objectives.
3.	Create and maintain a positive, productive, safe, student-centered learning environment to facilitate student learning.
4.	Utilize formative and summative assessment strategies to determine if students have achieved the desired learning objectives.

Related Careers

- Education Teachers, Postsecondary
- Middle School Teachers, Except Special and Career/Technical Education
- Secondary School Teachers, Except Special and Career/Technical Education

Public Service Graduate Programs

Degrees & Programs

Master of Public Administration, M.P.A.

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Requirements

The Master of Public Administration at Utah Valley University is an applied inter-disciplinary professional master's degree aimed at preparing public service administrators in emergency services and criminal justice. This graduate degree provides an in-depth education of the science and praxis of administering vital public services, public safety functions, ethical considerations, leadership, and strategic communications, along with issues in emergency management, civil security/resiliency, public works, transportation, critical infrastructure protection, post-disaster humanitarian response, pandemics, strategic planning, public health, and public policy issues.

Total Program Credits: 36

Matriculation Requirements:			
<ol style="list-style-type: none"> 1. A 3.0 cumulative GPA from the institution where the undergraduate degree was awarded or a 3.0 GPA calculated on the last 60 semester hours (90 quarter hours) from the institution where the undergraduate degree was awarded. 2. A bachelor's degree from a regionally-accredited college/university, a nationally accredited program, or an international college or university recognized by a Ministry of Education in one of the following or related fields: (Applicants with a bachelor's degrees in other fields may be admitted if they have at least two years of public services experience and completed undergraduate courses with a B grade or better. These applications are handled on a case-by-case basis.): <ol style="list-style-type: none"> a. Emergency Services b. Criminal Justice/Law Enforcement, Forensic Science c. Political Science d. Public and Community Health e. Aviation Science f. Emergency Management/Homeland Security g. Emergency Medical Services h. Business Administration, Organizational Management i. Environmental Science j. Public Admin/Public Management k. Social Science l. Technology Management 3. Graduate School Application. 4. Official transcripts from all attended institutions of higher education. 5. Two letters of recommendation. 6. Admissions Essay 			
Discipline Core Requirements:			27 Credits
	PADM 6000	Public Administration	3
	PADM 6010	Public Administration Finance and Budgeting	3
	PADM 6020	Public Administration Policy and Evaluation	3
	PADM 6030	Legal Issues for Public Administration	3

	PADM 6040	Organizational Behavior in Public Administration	3
	PADM 6050	Public Administration Leadership and Ethics	3
	PADM 6060	Research Methods for Public Administration	3
	PADM 6070	Human Resource Management	3
	PADM 6900	Public Administration Capstone Project	3
Elective Requirements:			9 Credits
Complete 9 credits from the following			9
	ESMG 6100	Psychology and the Emergency Services Responder (3)	
	ESMG 6110	Disasters/Vulnerability/and Impacts (3)	
	ESMG 6120	Emergency Planning and Response (3)	
	ESMG 6130	Social Vulnerability in Emergencies (3)	
	ESMG 6140	Homeland Security Fundamentals (3)	
	CJ 6200	Advanced Topics in Criminal Justice (3)	
	CJ 6210	Information-based Decision Making for Criminal Justice Administrators (3)	
	CJ 6220	Contemporary Issues In Criminal Justice (3)	
	CJ 6230	Criminal Justice Policy (3)	
	HLTH 6200	Issues in Public Health (3)	
	PADM 6400	Public Administration Program Development and Evaluation (3)	
	NSS 6500	US National Security Policy and Strategy (3)	
	NSS 6700	Intelligence Analysis and Tradecraft (3)	
	PADM 670R	Public Administration Internship (3)	
	PADM 679R	Special Topics in Public Administration (3)	
Graduate-level electives as approved by the MPA Director.			

Graduation Requirements:

1. A minimum cumulative GPA of 3.0 or higher must be maintained within program.
2. All course work must be completed with a "B" or higher.
3. Complete a minimum of 36 credit hours.
4. Graduates may not transfer more than 9 credits toward the MPA. All transfer courses will be reviewed by the College of Health and Public Service Graduate Committee.

Master of Public Administration, M.P.A.

Careers

1. Generate evidence-based strategies to public service-related problems in a dynamic and constantly changing environment.
2. Prepare public service budgets using public finance principles and procedures.
3. Evaluate the legal, regulatory, human resource, and ethical issues surrounding public service delivery.
4. Develop leadership and organizational skills for all career levels within public services.
5. Demonstrate written and verbal communication skills to address public service-related problems.

Related Careers

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Secondary and Special Education

Degrees & Programs

Autism Studies, Minor

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Requirements

The Minor in Autism Studies will be beneficial to anyone needing to work with, or interact with, those who have an Autism Spectrum Disorder (ASD). This would include those in supervisory positions overseeing ASD adults, educators who may have students with an ASD diagnosis in their classrooms, counselors and medical professionals, emergency services personnel, information and insight.

Total Program Credits: 19

Discipline Core Requirements:			19 Credits
Prerequisites:			
	ENGL 1010	Introduction to Academic Writing CC (3)	
or	ENGH 1005	Literacies and Composition Across Context CC (5)	
or	Writing proficiency determined by Autism Studies program director		
Complete the following:			
	AUTS 250G	Understanding the Autism Spectrum GI	3
	AUTS 3810	Autism Across the Lifespan I Infants and Children	3
	AUTS 382G	Autism across the Lifespan II Teens and Adults GI	3
	AUTS 3850	Autism Assessment and Treatment	3
	AUTS 4650	Autism and Applied Behavior Analysis	3
	AUTS 481R	Field Placement	3
	AUTS 482R	Group Autism Seminar	1

Autism Studies, Minor Careers

1. Understand and recognize repetitive and perseverative behaviors, characteristic language, delays, and social deficits.
2. Behavior management tools and techniques.
3. The autism impact on the individual, family, and community.
4. Best practice interventions for early childhood, elementary age, and adult. Transitions through the lifespan.
5. Practical applications of evidence-based intervention.
6. Available community resources, etc.

Related Careers

- Managers, All Other
- Clinical, Counseling, and School Psychologists
- Psychologists, All Other
- Psychology Teachers, Postsecondary

Physical Education Teacher Education, B.S.

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Requirements

Graduates from the Physical Education K-12 Teacher Education (PETE) program will be prepared to meet all standards for Utah licensure for K-12 Physical Education. They should also be prepared to meet most standards for certification in the rest of the 49 states, since the National Initial Physical Education Teacher Education Standards have been used to develop, assess, and update the program on an annual basis. The focus of this program is on enhancing student outcomes – both for university students and for their future students. Outcomes that should be met by the end of the program include scientific and theoretical knowledge, skill and fitness-based competency, planning and implementation, instructional delivery and management, impact on student learning, and professionalism. PETE majors learn to individualize instruction to enhance learning for all students, regardless of their abilities.

Total Program Credits: 120

Matriculation Requirements:			
1. Acceptance to the Secondary Education Program, which include the following requirements:			
a. ENGL and MATH QL courses must have a grade C or higher.			
b. GPA of 3.0 or higher with no grade lower than a C in content area courses.			
c. Completion of all General Education requirements and 70% of content area courses.			
d. Pass LiveScan Criminal Background Check.			
2. Complete PETE 3100 Introduction to Physical Education Pedagogy with a grade of C or better.			
3. Fitness requirement: Students must achieve and maintain a health-enhancing level of fitness. Standards will be set according to expert guidelines that take into effect age, gender, disability, and other contributing factors.			
General Education Requirements:			36 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGL 1005	Literacies and Composition Across Contexts CC (5)	
	ENGL 2010	Intermediate Academic Writing CC	3
	MATH 1050	College Algebra QL	4
or	MATH 1055	College Algebra with Preliminaries QL (5)	
Complete one of the following:			3
	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	
	HIST 1700	American Civilization AS (3)	
	HIST 1740	US Economic History AS (3)	
	POLS 1000	American Heritage SS (3)	
	POLS 1100	American National Government AS (3)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
	EXSC 1097	Fitness for Life TE	2
Distribution Courses:			
	BIOL 1010	General Biology BB	3

or	BIOL 1610	College Biology I BB (4)	
		Physical Science ¹	3
		Choose from the following:	3
	ZOOL 1090	Introduction to Human Anatomy and Physiology BB (3)	
or	ZOOL 2320	Human Anatomy BB (3)	
and	ZOOL 2325	Human Anatomy Laboratory (1)	
and	ZOOL 2420	Human Physiology BB (3)	
and	ZOOL 2425	Human Physiology Laboratory (1)	
		Humanities Distribution ²	3
		Fine Arts Distribution	3
		Social/Behavioral Science ³	3
		Discipline Core Requirements:	84 Credits
	HLTH 1200	First Aid	3
	NUTR 1020	Foundations of Human Nutrition	3
	EXSC 3500	Kinesiology	3
	EXSC 3550	Motor Learning and Control WE	3
	EXSC 3700	Exercise Physiology	3
	EXSC 3705	Exercise Physiology Laboratory	1
	EXSC 3750	Psychosocial Aspects of Human Performance	3
	PETE 2120	Fitness for Secondary Physical Educators	1
	PETE 2140	Teaching Target Games	2
	PETE 2240	Teaching Invasion and Net Games	2
	PETE 2340	Teaching Recreational and Outdoor Pursuits	2
	PETE 2500	Skill Analysis and Competency for PETE Majors	3
	PETE 2700	Foundations of Physical Education K-12 Teacher Education	3
	PETE 3100	Introduction to Physical Education Pedagogy	3
	PETE 3450	Special Populations in Physical Education	3
	PETE 4200	Methods of Teaching Elementary Physical Education	3
	PETE 4250	Methods of Teaching Secondary Physical Education	3
	PETE 4400	Assessment in Physical Education	3
	PETE 4900	Student Teaching Seminar for Physical Education	1
		Additional 4 credits of any courses	4
		Secondary Education Courses:	
	EDSC 1010	Introduction to Education	2
	EDSC 3000	Educational Psychology	3
	EDSC 325G	Equitable Technology Integration GI	2
	EDSC 4200	Classroom Management I	2
	EDSC 4250	Classroom Management II	2
	EDSC 4440	Content Area Literacies	3

EDSC 445G	Multicultural Instruction ESL GI	3
EDSC 455G	Secondary Curriculum Instruction and Assessment GI	3
EDSC 4850	Student Teaching Secondary	8
EDSC 4990	Teacher Performance Assessment Project WE	2
EDSP 340G	Exceptional Students GI	2

Notes:

1. CHEM 1010 Introduction to Chemistry PP or CHEM 1110 Elementary Chemistry for the Health Sciences PP recommended.
2. COMM 1020 Public Speaking HH recommended.
3. PSY 1100 Human Development Life Span SS recommended.

Graduation Requirements:

1. Completion of a minimum of 120 semester credits with 40 semester credits from 3000 and 4000 level courses.
2. Overall GPA of 3.0 (B) or above with no grade lower than a C in major required content courses and no grade lower than a B- in Licensure and Methods courses.
3. Residency hours -- minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
4. Completion of GE and specified departmental requirements.
5. Successful completion of at least one Global/Intercultural course.

Physical Education Teacher Education, B.S.

Careers

1. Describe and apply motor development theory and principles related to skillful movement, physical activity and fitness.
2. Plan and implement progressive and sequential instruction that addresses the diverse needs of all students
3. Select or create appropriate assessments that will measure student achievement of goals and objectives.
4. Know and apply discipline-specific scientific and theoretical concepts critical to the development of physical education individuals.
5. Physically educated individuals with the knowledge and skills necessary to demonstrate competent movement performance and health enhancing fitness as delineated in the NASPEK-12 Standards.
6. Plan and implement developmentally appropriate learning experiences aligned with local, state, and national standards to address the diverse needs of all students.
7. Use effective communication and pedagogical skills and strategies to enhance student engagement and learning.
8. Utilize assessments and reflection to foster student learning and inform instructional decisions.
9. Demonstrate dispositions essential to becoming effective professionals.

Related Careers

- Education Teachers, Postsecondary
- Recreation and Fitness Studies Teachers, Postsecondary
- Middle School Teachers, Except Special and Career/Technical Education
- Secondary School Teachers, Except Special and Career/Technical Education
- Coaches and Scouts
- Fitness Trainers and Aerobics Instructors

Secondary Education, Licensure

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Secondary and Special Education

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Requirements

The Professional Teacher Education Program at Utah Valley University is designed to prepare quality, entry level candidates for teaching in secondary education programs grades 7-12.

All students who matriculate into the professional licensure program must have a major in an approved content area. Students seeking licensure in approved content areas complete a major in that area and required coursework in Secondary Education to qualify for a Level I Utah State Professional Educator License for grades 7-12.

Baccalaureate degrees (BS and BA) are granted through the content area department and not through the School of Education. Licensure is granted through the School of Education Program.

To continue in the teacher education program, students are expected to maintain all program standards. They must maintain expected levels of competence in all coursework, field work, and student teaching with all course grades at or above a B- or higher. Additionally, teacher candidates are expected to adhere to standards of personal integrity, responsibility, and citizenship commonly expected of professional educators.

Total Program Credits: 22

Matriculation Requirements:		
	1. ENGL and MATH QL courses must have a grade C or higher.	
	2. GPA of 3.0 or higher with no grade lower than a C in content area courses.	
	3. Completion of all General Education requirements and 70% of content area courses.	
	4. Pass LiveScan Criminal Background Check.	
Discipline Core Requirements:		32 Credits
Pre-Professional Core Requirements		
	EDSC 1010 Introduction to Education	2
Discipline Core Courses ¹		
	EDSC 3000 Educational Psychology	3
	EDSC 325G Equitable Technology Integration GI	2
	EDSC 4200 Classroom Management I ²	2
	EDSP 340G Exceptional Students GI	2
	EDSC 4250 Classroom Management II	2
	EDSC 4440 Content Area Literacies ³	3
	EDSC 445G Multicultural Instruction ESL GI	3
	EDSC 455G Secondary Curriculum Instruction and Assessment GI	3
	EDSC 4850 Student Teaching Secondary	8
	EDSC 4990 Teacher Performance Assessment Project WE	2
Notes:		
	1. Must be completed with a grade of B- or higher.	
	2. Dance Education majors take DANC 4430 in place of EDSC 4200.	
	3. English Education majors take ENGL 4210, 4220, 4230 in place of EDSC 4440.	

Special Education - Mild/Moderate/Severe and Autism Studies, B.S.

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Requirements

The proposed degree program is for a Bachelor of Science in Special Education with an emphasis in mild/moderate and severe as well as a minor in Autism studies. The program will prepare undergraduate students for a Utah Teaching Certificate in K-12 Special Education in mild/moderate and severe disabilities as well as working with children on the Autism spectrum.

Total Program Credits: 122

Matriculation Requirements			
Admission criteria includes:			
	1. ENGL and MATH QL courses must have a grade C or higher.		
	2. GPA of 3.0 or higher		
	3. General Education and Pre-program coursework		
	a. Grade of B- or higher in pre-program courses (Math courses C or higher)		
	4. Pass LiveScan Criminal Background Check		
	5. (Optional) Completion of the Associate of Science degree in Pre-Elementary Education or equivalent (completion of this degree does not guarantee acceptance into the UVU Special Education Program)		
General Education Requirements:			35 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGL 1005	Literacies and Composition Across Contexts CC (5)	
	ENGL 2010	Intermediate Academic Writing CC	3
Complete one of the following: ¹			3
	MATH 1050	College Algebra QL (4)	
	MATH 1055	College Algebra with Preliminaries QL (5)	
	MATH 2000	Algebraic Reasoning with Modeling QL (3)	
Complete one of the following:			3
	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	
	HIST 1700	American Civilization AS (3)	
	HIST 1740	US Economic History AS (3)	
	POLS 1000	American Heritage SS (3)	
	POLS 1100	American National Government AS (3)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
	HLTH 2900	Health Education for Elementary Teachers	2
Distribution Courses:			
	Biology		3
	Physical Science		3
	Additional Biology or Physical Science		3
	Humanities Distribution		3

PSY 1100	Human Development Life Span SS ¹	3
Fine Arts Distribution:		3
ART 2100	Teaching Art for Children FF (3)	
DANC 2100	Teaching Dance for Children FF (3)	
MUSC 2100	Teaching Music for Children FF (3)	
THEA 2100	Teaching Theatre For Children FF (3)	
Discipline Core Requirements:		84 Credits
Pre-Professional Core Requirements: ²		
EDEL 1010	Introduction to Education ³	2
EDEL 2330	Childrens Literature ³	3
MATH 2010	Mathematics for Elementary Teachers I ¹	3
AUTS 250G	Understanding the Autism Spectrum GI	3
EDSP 2840	Instruction and Assistive Technology	2
MATH 2020	Mathematics for Elementary Teachers II ¹	3
Professional Education Core Requirements: ³		
EDSP 3000	Educational Psychology	3
EDSP 340G	Exceptional Students GI ³	2
AUTS 3810	Autism Across the Lifespan I Infants and Children	3
AUTS 382G	Autism across the Lifespan II Teens and Adults GI	3
AUTS 3850	Autism Assessment and Treatment	3
EDSP 4100	Instructional Strategies and Program Management for Students with Mild/Moderate Disabilities	3
EDSP 4110	Special Education Law/Policies/Procedures	3
EDSP 4120	School to Post-School Transition Planning	2
EDSP 4130	Math Instruction for Students with Mild/Moderate Disabilities	2
EDSP 4131	Math Practicum	1
EDSP 4135	Reading and Writing Instruction for Students with Mild/Moderate Disabilities K-12	2
EDSP 4136	Reading Practicum	1
EDSP 4140	Collaboration and Consultation with Parents and School Staff WE	3
AUTS 4650	Autism and Applied Behavior Analysis	3
EDSP 4160	Assessment and Evaluation in Special Education	3
EDSP 4170	Instruction in Life Skills for Students with Severe and Significant Disabilities	3
EDSP 4180	Curriculum and Instruction for Students with Severe and Significant Disabilities	3
EDSP 4200	Classroom Management I	2
EDSP 4250	Classroom Management II	2

EDSP 4440	Content Literacy	3
EDSP 445G	Multicultural Education/ESL	3
EDSP 455G	Curriculum Design and Assessment	3
AUTS 481R	Field Placement ⁴	3
AUTS 482R	Group Autism Seminar ⁴	1
EDSP 4990	Teacher Performance Assessment Project WE ⁴	2
EDSP 4885	Special Education Student Teaching-- Grades K-6 (4-10)	6
or EDSP 4895	Special Education Student Teaching--7-12 (4-10)	
Elective Requirements:		3 Credits
Complete additional credits to meet requirements.		3

Notes:

1. "C" grade or higher
2. Students must complete all Pre-Professional and General Education courses with an overall GPA of 3.0 before they are formally admitted into the Teacher Preparation Program. Students must meet with their academic advisor to determine which classes to take 1st, 2nd, 3rd, and 4th semesters.
3. Must be completed with a grade of B- or higher.
4. Taken with student teaching. Must register for AUTS 481R and AUTS 482R plus attend 482R class once a week during student teaching.

Graduation Requirements:

1. Completion of a minimum of 122 semester credits.
2. Overall grade point average of 3.0 or above.
3. Residency hours -- minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
4. Completion of GE and specified departmental requirements.
5. Successful completion of at least one Global/Intercultural course.
6. Grade of B- or higher for all AUTS courses.

NOTE: Application forms are available at the beginning of each Fall semester, must be completed by October 1st, and can be obtained in the Education Department, 801-863-8527.

Special Education - Mild/Moderate/Severe and Autism Studies, B.S.

Careers

1. Developed an understanding of how cognitive, linguistic, social, emotional, and physical areas of student learning development meet the needs of individual learning differences.
2. Developed an understanding of individual learner differences and cultural and linguistic diversity.
3. Displayed the ability to work with learners to create environments that support individual and collaborative learning, encouraging positive social interaction, active engagement in learning, and self-motivation.
4. Developed an understanding of the central concepts, tools of inquiry, and structures of the discipline.
5. Learned to apply multiple methods of assessment to engage learners in their own growth, monitor learner progress, guide planning and instruction, and determine whether the outcomes described in content standards have been met.
6. Learned how to plan instruction to support students in meeting rigorous learning goals by drawing upon knowledge of content areas, Utah Core standards, practices, and the community context.

Secondary and Special Education

7. Displayed the ability to use various instructional strategies to ensure that all learners develop a deep understanding of content areas and their connections and build skills to apply and extend knowledge in meaningful ways.
8. Displayed the ability to be a reflective practitioner who uses evidence to continually evaluate and adapt practice to meet the needs of each learner.
9. Displayed the ability to be a leader who engages collaboratively with learners, families, colleagues, and community members to build a shared vision and supportive professional culture focused on student growth and success.
10. Demonstrated the highest standard of legal, moral, and ethical conduct as specified in Utah State Board Rule R277-515.

Related Careers

- Special Education Teachers, Preschool
- Special Education Teachers, Kindergarten and Elementary School
- Special Education Teachers, Middle School
- Special Education Teachers, Secondary School
- Special Education Teachers, All Other

Social Work Graduate Programs

Strategic Management and Operations

DEPARTMENT CHAIR

ADAMS, Lynn L. Associate Professor

FACULTY

ADAMS, Lynn L. Associate Professor

EL SAIDI, Mohammed Professor

GOUGH, Vance Associate Professor

HAMIDI, Mohsen Assistant Professor

HAMILTON, Carolyn Associate Professor

MCARTHUR, David N. Associate Professor

MILLER, Ronald Professor

MILLIGAN, Patrick Professional In Residence

MORTENSEN, James Professional In Residence

RHOADS, Kevin A. Assistant Professor

ROBINSON, Peter B. Professor

SEELEY, Eugene L. Associate Professor

SMITH, Gregory Richard Professional in Residence

WARMBIER, H. Peter Sr. Lecturer

WITT, Phillip W. Assistant Professor

ÇALIŞKAN, Cenk Professor

Degrees & Programs

Associate in Science in Business, A.S.B.

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Requirements

An Associate in Science Woodbury School of Business transfer degree is available for students planning to transfer to another college or university in Utah.

Total Program Credits: 60

General Education Requirements:		35 Credits
	ENGL 1010 Introduction to Academic Writing CC	3
or	ENGL 1005 Literacies and Composition Across Contexts CC (5)	
	ENGL 2010 Intermediate Academic Writing CC	3
Complete one of the following:		3
	MATH 1050 College Algebra QL (4)	
	MATH 1055 College Algebra with Preliminaries QL (5)	
	MATH 1090 College Algebra for Business QL (3)	
Complete one of the following:		3
	HIST 2700 US History to 1877 AS (3)	
and	HIST 2710 US History since 1877 AS (3)	
	HIST 1700 American Civilization AS (3)	
	HIST 1740 US Economic History AS (3)	
	POLS 1000 American Heritage SS (3)	

	POLS 1100 American National Government AS (3)	
Complete the following:		
	PHIL 2050 Ethics and Values IH	3
	HLTH 1100 Personal Health and Wellness TE (2)	
or	EXSC 1097 Fitness for Life TE	2
Distribution Courses:		
	Biology	3
	Physical Science	3
	Additional Biology or Physical Science	3
	ECON 2010 Principles of Economics I	3
	Humanities	3
	Fine Arts	3
Discipline Core Requirements:		25 Credits
	ACC 2110 Principles of Accounting I	3
	MGMT 2240 Business Calculus	3
or	MATH 1100 Survey of Calculus QL (4)	
	MKTG 220G Written Business Communication GI WE	3
	MGMT 2340 Business Statistics I	3
or	STAT 2040 Principles of Statistics QL (4)	
	MGMT 2400 Data Analytics for Business	3
Complete one of the following:		3
	IM 2010 Business Computer Proficiency (3) ¹	
	IM 2600 Spreadsheet Applications (3) ¹	
Complete an additional 7 credit hours from any course numbered 1000 or higher.		7
Notes :		
1. Students are required to complete IM 2010 or IM 2600 with a grade of B- or higher.		

Graduation Requirements:

1. Completion of a minimum of 60 semester credits.
2. Overall grade point average of 2.0 or above with 2.5 GPA or above in Business courses. No grade below C- in business courses.
3. Residency hours: Minimum of 20 credit hours through course attendance at UVU with at least 12 credits of School of Business courses.
4. Completion of GE and specified departmental requirements. Students are responsible for completing all prerequisite courses.

Notes: See information on the back of the program card for additional specialized general education/major requirements for individual transfer schools (some requirements for other schools cannot be taken at UVU).

Business Management, A.A.S.

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Requirements

Students majoring in business management may receive a Certificate of Completion, an Associate in Applied Science in Business Management, an Associate in Science with a pre-major in Business, a Bachelor

of Science in Hospitality Management, or a Bachelor of Science in Business Management with a specialization in one of the following four areas: Entrepreneurship, General Business, Hospitality Management, or International Business. An Associate in Science Woodbury School of Business transfer degree is available for students planning to transfer to another college or university in Utah.

Total Program Credits: 63

General Education Requirements:		11 Credits
ENGLISH:		3
	ENGL 1010 Introduction to Academic Writing CC	
or	ENGH 1005 Literacies and Composition Across Contexts CC (5)	
MATHEMATICS: Complete one of the following		4
	MAT 1015 Integrated Algebra with Integrated Review (5)	
	MAT 1010 Intermediate Algebra (4)	
Any approved Physical Education, Health, Safety or Environment course		1
	FIN 1060 Personal Finance SS	3
Discipline Core Requirements:		24 Credits
	ACC 2110 Principles of Accounting I	3
	MGMT 1010 Introduction to Business SS	3
	IM 2600 Spreadsheet Applications	3
	MKTG 220G Written Business Communication GI WE	3
	MKTG 2390 Professional Business Presentations	3
	ENTR 2500 Creativity and Entrepreneurial Thinking SS	3
	DWDD 1600 Web Essentials	3
	DWDD 1400 Digital Design Essentials	3
Elective Requirements:		28 Credits
	Any ACC, ECON, FIN, HM, LEGL, MGMT, MKTG course 1000 level or higher ¹	28
	MTECH students will receive 28 credits for electives with a 900+ hour certificate in any technical area.	
Notes:		
1. No more than three credits of MGMT 281R Cooperative Work Experience will be allowed as business elective; see advisor for further recommendations.		

Graduation Requirements:

- Completion of a minimum of 63 semester credits.
- Overall grade point average of 2.0 (C) or above with 2.5 required for all Woodbury School of Business courses. No grade below C- in required courses.
- Residency hours: Minimum of 20 credit hours through course attendance at UVU with at least 12 credits of Woodbury School of Business courses.
- Completion of GE and specified departmental requirements.

Business Management, A.S.

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than provided, you may contact the Assistive Technology Center at ACCESSIBLETECH@uvu.edu or 801-863-6788.

Requirements

Students majoring in business management may receive a Certificate of Completion, an Associate in Applied Science in Business Management, an Associate in Science with a pre-major in Business, a Bachelor of Science in Hospitality Management, or a Bachelor of Science in Business Management with a specialization in one of the following four areas: Entrepreneurship, General Business, Hospitality Management, or International Business. An Associate in Science Woodbury School of Business transfer degree is available for students planning to transfer to another college or university in Utah.

Total Program Credits: 60

General Education Requirements:		35 Credits
	ENGL 1010 Introduction to Academic Writing CC	3
or	ENGH 1005 Literacies and Composition Across Contexts CC	
	ENGL 2010 Intermediate Academic Writing CC	3
Complete one of the following:		3
	MATH 1050 College Algebra QL (4)	
	MATH 1055 College Algebra with Preliminaries QL 4)	
	MATH 1090 College Algebra for Business QL (3)	
	An Advanced Placement (AP) Mathematics Test with a score of 3 or higher	
Complete one of the following:		3
	HIST 2700 US History to 1877 AS (3)	
and	HIST 2710 US History since 1877 (3)	
	HIST 1700 American Civilization AS (3)	
	HIST 1740 US Economic History AS (3)	
	POLS 1000 American Heritage SS (3)	
	POLS 1100 American National Government AS (3)	
Complete the following:		
	PHIL 2050 Ethics and Values IH	3
	HLTH 1100 Personal Health and Wellness TE	2
or	EXSC 1097 Fitness for Life TE (2)	
Distribution Courses:		
	Biology	3
	Physical Science	3
	Additional Biology or Physical Science	3
	ECON 2010 Principles of Economics I SS	3
	Humanities	3
	Fine Arts	3
Discipline Core Requirements:		15 Credits
Choose 15 credits from the following list:		15
	ACC 2110 Principles of Accounting I (3)	
	ACC 2120 Principles of Accounting II (undefined)	
	ENTR 2500 Creativity and Entrepreneurial Thinking SS (3)	
	MGMT 2240 Business Calculus (3)	
or	MATH 1100 Survey of Calculus QL	

Strategic Management and Operations

	MGMT 2340	Business Statistics I (3)	
	MKTG 220G	Written Business Communication GI WE (3)	
	MKTG 2390	Professional Business Presentations (3)	
	MGMT 2400	Data Analytics for Business (3)	
	IM 2010	Business Computer Proficiency (3) ¹	
or	IM 2600	Spreadsheet Applications	
Elective Requirements:			10 Credits
Complete an additional 10 credits of any course numbered 1000 or higher.			10
Notes:			
1. Students will be required to complete IM 2010 Business Computer Proficiency or IM 2600 Spreadsheet Applications with a grade of B- or higher.			

Graduation Requirements:

1. Completion of a minimum of 60 semester credits.
2. Overall grade point average of 2.0 or above with 2.5 GPA in Business courses. No grade below "C-" in Business courses.
3. Residency hours: Minimum of 20 credit hours through course attendance at UVU with at least 12 credits of Woodbury School of Business courses.
4. Completion of GE and specified departmental requirements. Students are responsible for completing all prerequisite courses.

Business Management, Certificate of Completion

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Requirements

Students completing this program of study may receive a Certificate of Completion in Business Management.

Total Program Credits: 30

Discipline Core Requirements:			24 Credits
	FIN 1060	Personal Finance SS	3
	MGMT 1010	Introduction to Business SS	3
	MKTG 220G	Written Business Communication GI WE	3
	MKTG 2390	Professional Business Presentations	3
	ACC 1150	Fundamentals of Business Math	3
	ACC 2110	Principles of Accounting I	3
	ECON 1010	Economics as a Social Science SS	3
Choose one of the following:			3
	IM 2010	Business Computer Proficiency (3) ¹	
	IM 2600	Spreadsheet Applications (3) ¹	
Elective Requirements:			6 Credits
Choose six credits of business electives from the ACC, ECON, FIN, HM, LEGL MKTG, or MGMT prefixes. A maximum of 3 credits may be cooperative work experience.			6

Notes:

1. Students are required to complete IM 2010 Business Computer Proficiency or IM 2600 Spreadsheet Applications with a score of 80 percent or higher.

Graduation Requirements:

1. Completion of a minimum of 30 semester credits.
2. Overall grade point average of 2.0 or above with 2.5 GPA or above in Business courses. No grade below "C-" in business courses.
3. Residency hours: Minimum of 10 credit hours through course attendance at UVU with at least 12 credits of Woodbury School of Business courses.

Data Analytics and Decision Making, Certificate of Proficiency

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Requirements

The Certificate of Proficiency in DataAnalytics and Decision Making provides a skill set of recognizing the importance of data for solving operational, tactical, and strategic level organizational problems. Students will learn how to evaluate the characteristics, capabilities, and limitations of digital data as well as understand data-related laws and ethical practices. Courses cover topics related to the data analytics process, business rule modeling, data transformation, data management, applied statistics, data visualization, storytelling, and the ethical considerations of data analytics.

Total Program Credits: 18

Discipline Core Requirements:			18 Credits
	MGMT 1400	Introduction to Data Analytics	3
	CS 1400	Fundamentals of Programming	3
	MATH 1050	College Algebra QL (MATH 1050 or higher) ¹	3
Complete one of the following:			3
	MATH 1100	Survey of Calculus QL (4) ³	
	MGMT 2240	Business Calculus (3)	
	MGMT 2340	Business Statistics I (3)	
	STAT 2050	Introduction to Statistical Methods (4)	
Elective Requirements:			6 Credits
Choose six credits from the following: ²			6
	MGMT 2400	Data Analytics for Business (3)	
	MGMT 2240	Business Calculus (3)	
	MGMT 2340	Business Statistics I (3)	
	MKTG 3300	Marketing Analytics (3)	
	CS 1410	Object-Oriented Programming (3)	
	CS 2420	Introduction to Algorithms and Data Structures (3)	
	STAT 2050	Introduction to Statistical Methods (4)	
	BIOL 3100	Introduction to Data Analysis for Biologists (3)	

BIOL 1011	Introduction to Bioinformatics (3)	
Notes: <ol style="list-style-type: none"> Math courses numbered higher than MATH 1050 may also be used to fulfill the requirement. Cannot use courses as electives that were counted in the core. If this course was used to fulfill the MATH 1050 requirement, a different course must be selected for this category. 		

Graduation Requirements:

- Completion of a minimum of 18 semester credit hours.
- Overall grade point average 2.0 (C-) or above.
- Residency hours: Minimum of 5 credit hours of course attendance at UVU.

Data Analytics and Decision Making, Certificate of Proficiency Careers

- Identify and apply an appropriate statistical or analytical modeling methodology to solve an analytics problem.
- Design and deliver visualizations, professional reports and presentations that effectively communicate the results of complex analytics problems.
- Students demonstrate how to manage, structure, query, and manipulate data.
- Students demonstrate critical thinking in their identification, analysis, and decision-making in a business analytics situation, including ethical dimensions.

Related Careers

- Statisticians
- Survey Researchers
- Business Teachers, Postsecondary
- Mathematical Science Teachers, Postsecondary

Entrepreneurship, Certificate of Proficiency

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Requirements

Students minoring in the business management area of entrepreneurship will be exposed to and practice the skills needed by entrepreneurs in starting and developing their own businesses or growing the business of another entrepreneur.

Total Program Credits: 16

Discipline Core Requirements:		13 Credits
ENTR 3170	Entrepreneurship: Feasibility Analysis ²	3
ENTR 3180	Launching a New Venture ²	3
ENTR 3190	Early-stage Financing	3
ENTR 4300	The Art of the Pitch ¹	3
ENTR 493R	Entrepreneurship Lecture Series	1
Elective Requirements:		3 Credits
Choose 3 credits from the following:		3
ENTR 4200	Innovative Opportunity Development (3)	

ENTR 4210	Career Development for Entrepreneurs (3)	
ENTR 3220	Entrepreneurship Law (3) ²	
Notes: <ol style="list-style-type: none"> Course prerequisite of MATRICULATION will be waived for non-business majors who are enrolled in the Certificate program. Has a prerequisite of ENGL 1010 Introduction to Academic Writing CC or ENGH 1005 Literacies and Composition Across Contexts CC. 		

Graduation Requirements:

- Completion of a minimum of 16 credits.
- Overall grade point average of 2.0 (C) or above.
- Residency hours -- minimum of 6 credit hours through course attendance at UVU.

Note: The Certificate in Entrepreneurship provides students from all majors outside the Woodbury School of Business a program by which they can add the mindset and basic competencies provided in a formal entrepreneurship program without abandoning their chosen field of study. Coursework includes principles of small business development, financing, technology-based opportunity identification, law, and personal entrepreneurial development.

Hospitality Management, Certificate of Proficiency

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Requirements

The Institutional Certificate of Proficiency in Hospitality Management is available for all UVU students with a particular focus designed to provide high school students an opportunity to obtain a certificate of proficiency with a focus on career and technical education while still enrolled in high school. This certificate will also be available from the University for college students/adults looking for entry-level skills leading to further academic advancement. This certificate is designed to stack into certificate and associate degrees at UVU. Students learn about a wide range of hospitality and tourism areas such as: hotel, resort, and motel management; event planning; restaurant and institutional food service; and a number of other areas such as cruise ship management, amusement park management, convention and visitor facilities, and gaming facilities.

Total Program Credits: 16

Discipline Core Requirements:		9 Credits
ENGL 1010	Introduction to Academic Writing CC	3
or	ENGH 1005	Literacies and Composition Across Contexts CC
IM 2010	Business Computer Proficiency	3
MATH 1050	College Algebra QL	4
or	MATH 1055	College Algebra with Preliminaries QL
HM 1010	Introduction to Hospitality Industry	3
CA 1000	Culinary Basics	3

Graduation Requirements:

Strategic Management and Operations

1. Completion of a minimum of 16 semester hours
2. Minimum grade of C required in ENGL 1010 or ENGH 1005

Hospitality Management, Certificate of Proficiency Careers

1. Students will have a foundation to allow them to continue on to an associate's or bachelor's degree in Hospitality Management and completing this will shorten the time it takes to complete those programs.

Related Careers

- Food Service Managers
- Lodging Managers

Leadership Studies - Nonprofit Organizations, Certificate of Proficiency

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Requirements

The leadership studies - nonprofit organizations certificate focuses on applying, analyzing, and evaluating effective leadership approaches. It focuses on leadership development in the nonprofit sector. The certificate emphasizes leadership theories and practice and cultivates students' self-awareness and the development of leadership competencies. The curriculum core emphasizes leadership principles and theory while the electives provide interdisciplinary perspectives. As such, students gain understanding of diverse social, cultural, and organizational processes that impact effective leadership in a variety of contexts. The goal of the certificate is to prepare students for career growth and for leading organizational success in nonprofit organizations.

Total Program Credits: 18

Discipline Core Requirements:		18 Credits
Required Courses:		
MGMT 1250	Principles of Leadership	3
MGMT 3500	Leadership Theory and Application WE	3
POLS 3320	Nonprofits and The Public Sector	3
THEA 3625	Development and Fundraising for the Arts	3
Electives (choose 6 credits hours from the following.)		6
MGMT 2030	Inclusive Leadership SS	
MGMT 450R	Leadership Practicum	
AERO 3100	Management and Leadership A	
AERO 3110	Management and Leadership B	
AMST 300R	Topics in American Studies	
COMM 3410	Fundamentals of Mediation and Negotiation	
COMM 4250	Communication and Leadership	
ENGL 473R	Topics in Gender Studies	
ESMG 4000	Advanced Emergency Services Leadership	
ESWF 3380	L380 Fireline/Fire Service Leadership	

ESWF 3381	L381 Incident Leadership	
ESWF 4481	L481 Advanced Leadership for Command and General Staff	
HR 3550	Organization Development	
MGMT 3000	Organizational Behavior WE	
MGMT 3020	Individual Action and Corporate Social Responsibility	
MGMT 332G	Cross Cultural Communications for International Business GI	
MGMT 297H	Honors Seminar in Leadership Development	
MILS 1200	Introduction to Leadership Excellence I	
MILS 145R	Introduction to Leadership Dynamics and Techniques	
MILS 1210	Introduction to Leadership Excellence II	
MKTG 3640	Sales Management	
PJST 4300	Race Gender and Class in Peace and Justice	
POLS 3300	Introduction to Public Administration	
POLS 420R	Issues and Topics in Political Science	
POLS 3370	Leading Cities	
SOC 3510	Sociology of Work and Occupations	
SOC 4400	Social Change	
SLSS 3200	Leader--Teacher and Mentor	
SLSS 405G	Leader--Global Contributor GI	

Graduation Requirements:

1. Overall grade point average 2.75 or above.
2. Completion of 18 credits.
3. Residency hours -- minimum of 5 credit hours through course attendance at UVU.

Leadership Studies - Nonprofit Organizations, Certificate of Proficiency Careers

1. Apply leadership theories to real-life situations.
2. Demonstrate mastery of oral and written communication in the context of leadership development theory and practice.
3. Apply critical analytical and problem-solving skills to identify and solve leadership problems and issues.
4. Engage in the development process by cultivating donors, raising money through donations, sponsorships, and grants to support nonprofit organizations.

Leadership Studies, Certificate of Proficiency

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Requirements

The leadership studies certificate focuses on applying, analyzing, and evaluating effective leadership approaches. The certificate emphasizes leadership theories and practice and cultivates students' self-awareness and the development of leadership competencies. The curriculum core

emphasizes leadership principles and theory while the electives provide interdisciplinary perspectives. As such, students gain understanding of diverse social, cultural, and organizational processes that impact effective leadership in a variety of contexts. The goal of the certificate is to prepare students for career growth and for leading organizational success.

Total Program Credits: 18

Discipline Core Requirements:		18 Credits
Required Courses:		
MGMT 1250	Principles of Leadership	3
MGMT 2030	Inclusive Leadership SS	3
MGMT 3500	Leadership Theory and Application WE	3
MGMT 450R	Leadership Practicum	3
Electives (choose 6 credits hours from the following.)		6
AERO 3100	Management and Leadership A	
AERO 3110	Management and Leadership B	
AMST 300R	Topics in American Studies	
COMM 3410	Fundamentals of Mediation and Negotiation	
COMM 4250	Communication and Leadership	
ENGL 473R	Topics in Gender Studies	
ESMG 4000	Advanced Emergency Services Leadership	
ESWF 3380	L380 Fireline/Fire Service Leadership	
ESWF 3381	L381 Incident Leadership	
ESWF 4481	L481 Advanced Leadership for Command and General Staff	
HR 3550	Organization Development	
MGMT 3000	Organizational Behavior WE	
MGMT 3020	Individual Action and Corporate Social Responsibility	
MGMT 332G	Cross Cultural Communications for International Business GI	
MGMT 297H	Honors Seminar in Leadership Development	
MILS 1200	Introduction to Leadership Excellence I	
MILS 145R	Introduction to Leadership Dynamics and Techniques	
MILS 1210	Introduction to Leadership Excellence II	
MKTG 3640	Sales Management	
PJST 4300	Race Gender and Class in Peace and Justice	
POLS 3300	Introduction to Public Administration	
POLS 420R	Issues and Topics in Political Science	
POLS 3370	Leading Cities	
SOC 3510	Sociology of Work and Occupations	
SOC 4400	Social Change	
SLSS 3200	Leader--Teacher and Mentor	

SLSS 405G	Leader--Global Contributor GI	
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Graduation Requirements:

1. Completion of 18 credits.
2. Residency hours -- minimum of 5 credit hours through course attendance at UVU.

Leadership Studies, Certificate of Proficiency Careers

1. Apply leadership theories to real-life situations.
2. Demonstrate mastery of oral and written communication in the context of leadership development theory and practice.
3. Apply critical analytical and problem-solving skills to identify and solve leadership problems and issues.

Operations Management, Certificate of Proficiency

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Requirements

The Certificate in Operations Management gives graduates specialized skills in the analysis of how businesses manage processes to improve organizational functions. Graduates learn principles of scheduling, production, inventory management, quality management, lean processing, and other activities required for efficient organizational functions.

Total Program Credits: 21

Discipline Core Requirements:			21 Credits
	MATH 1050	College Algebra QL (4.0)	
or	MATH 1055	College Algebra with Preliminaries QL (5.0)	
or	MATH 1090	College Algebra for Business QL	3
or	Higher math course		
	MGMT 2240	Business Calculus	3
or	MATH 1100	Survey of Calculus QL (4.0)	
	MGMT 2340	Business Statistics I	3
or	STAT 2040	Principles of Statistics QL (4.0)	
	MGMT 3345	Business Statistics II	3
	MGMT 3450	Operations Management	3
	MGMT 3070	Total Quality Management	3
	MGMT 3470	Lean Management Systems	3

Graduation Requirements:

1. Completion of a minimum of 21 semester credits.
2. Overall grade point average 2.0 or above with a minimum of 2.5 GPA in all Woodbury School of Business courses. No grade lower than a "C-" in core and specialization courses.
3. Residency hours: minimum of 6 credit hours through course attendance at UVU.

Strategic Management and Operations

Operations Management, Certificate of Proficiency Careers

1. Graduates will have a functional and integrated knowledge of basic general business concepts and disciplines.
2. Graduates will be able to effectively express their knowledge and ideas appropriately in written form.
3. Students will be able to understand and demonstrate an understanding of quantitative literacy.
4. Students will acquire oral communication skills required in the business world today to be successful.
5. Students will use analytical thinking as a linear and focused process, with one thought following the other in a streamlike formation. They will use critical thinking as it occurs in a circular form until a conclusion is drawn.

Related Careers

- Computer and Information Systems Managers
- Industrial Production Managers
- Construction Managers
- Logisticians
- Business Teachers, Postsecondary
- First-Line Supervisors of Mechanics, Installers, and Repairers
- First-Line Supervisors of Production and Operating Workers

Process Improvement and Operations CA, Certificate of Proficiency

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Requirements

The Utah Leads CP in Process Improvement and Operations CA is aimed at producing career-enhanced graduates in operations management to meet the growing demand for employees with this skill set. Students can enhance their careers through a program of study consisting not only of a theoretical base in making good business operating decisions, but the program also takes a hands-on, practical approach to learning. Practical knowledge is gained by not only offering, but requiring, each graduate to sit for a professional industry certification exam in lean management, as well as other applicable, hands-on projects with industry partners applying skills and tools learned throughout their coursework. Further, students will benefit from UVU's program connection with industry leaders who advise program directors regarding course offerings and course content that is most valuable on the job market. Students will also be provided multiple opportunities to interact and network with industry partners on in-class projects and in-class guest speakers. Students will gain knowledge in core topics such as analytics for business decisions, business decision optimization, supply chain management, process improvement tools and methodologies, and quality management tools and techniques (lean, six sigma, theory of constraints, etc.). Graduates will be prepared to enter the job market as operations professionals in a variety of industries such as technology, healthcare, supply chain, manufacturing, distribution, and logistics.

Total Program Credits: 9

Discipline Core Requirements:		9 Credits
MGMT 3450	Operations Management	3
MGMT 3070	Total Quality Management	3
MGMT 3470	Lean Management Systems	3

Graduation Requirements:

1. All credits must be taken at UVU.
2. No grade lower than a "C-" in any of the program courses.
3. Minimum GPA of 2.5.

Process Improvement and Operations CA, Certificate of Proficiency Careers

1. Exhibit quantitative reasoning skills in the application to a variety of operations problem.
2. Understand, conduct, and present (in both written and oral formats) quantitative business solutions.
3. Apply a variety of forecasting, optimization, and other mathematical and statistical tools to a number of business problems.
4. Approach, synthesize, and analyze operations problems using quantitative and qualitative techniques, and state-of-the-art software packages.
5. Understand operations issues affecting businesses locally, nationally, and internationally.
6. Understand systems and process thinking and reasoning as they approach operations issues and/or face ethical dilemmas in their schoolwork and future careers.

Related Careers

- Computer and Information Systems Managers
- Industrial Production Managers
- Construction Managers
- Logisticians
- Business Teachers, Postsecondary
- First-Line Supervisors of Mechanics, Installers, and Repairers
- First-Line Supervisors of Production and Operating Workers

Business Management, Minor

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Requirements

Students minoring in business management may have their Bachelor of Science (whether in Business Management or in another field) endorsed with a Minor in Business Management.

Total Program Credits: 19

Matriculation Requirements:			
1. Admitted to a bachelor degree program at UVU.			
Discipline Core Requirements:			16 Credits
Business Core Courses:			
ACC 2110	Principles of Accounting I	3	
Complete one of the following:			
	My Educator ²		
or	IM 2600	Spreadsheet Applications (3)	
or	IM 2010	Business Computer Proficiency (3)	
or	INFO 3120	Management Information Systems (3)	
or	MGMT 2400	Introduction to Data Analytics for Business Professionals (3)	
	LEGL 3000	Business Law	3
	MKTG 220G	Written Business Communication GI WE	3
	ECON 2010	Principles of Economics I SS	3

	MGMT 3000	Organizational Behavior WE	3
	MGMT 495R	Executive Lecture Series	1
or	ENTR 493R	Entrepreneurship Lecture Series (1)	
Elective Requirements:			3 Credits
Choose one of the following:			3
	FIN 3100	Principles of Finance (3) ¹	
	MGMT 330G	Survey of International Business GI (3)	
	HR 3430	Introduction to Human Resource Management(3)	
	MKTG 3600	Principles of Marketing (3)	
Notes:			
1. Cannot be taken until student is matriculated into a bachelor degree program.			
2. Must be completed with a score of 80% or better.			

Graduation Requirements:

1. Overall grade point average of 2.5 in all Woodbury School of Business courses and no grade lower than a C- in business courses.
2. Completion of GE and specified departmental requirements.

Note: Students are responsible for completing all prerequisite courses. Not available to Business Management majors.

Entrepreneurship, Minor

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Requirements

Students minoring in the business management area of entrepreneurship will be exposed to and practice the skills needed by entrepreneurs in starting and developing their own businesses or growing the business of another entrepreneur.

Total Program Credits: 21

Discipline Core Requirements:			15 Credits
	ACC 2110	Principles of Accounting I	3
or	ACC 2010	Financial Accounting (3)	
	ENTR 2500	Creativity and Entrepreneurial Thinking SS	3
	ENTR 3170	Entrepreneurship: Feasibility Analysis	3
	ENTR 3180	Launching a New Venture	3
	ENTR 4300	The Art of the Pitch	3
Elective Requirements:			6 Credits
Choose 6 credits from the following:			6
	ACC 2120	Principles of Accounting II (3)	
or	ACC 2020	Managerial Accounting (3)	
	ENTR 3190	Early-stage Financing (3)	
	HR 3430	Introduction to Human Resource Management (3)	
	MKTG 3650	Professional Selling (3)	
	MKTG 3670	Advertising and Promotion (3)	

ENTR 4200	Innovative Opportunity Development (3)	
ENTR 493R	Entrepreneurship Lecture Series (1)	

Leadership Studies - Nonprofit Organizations, Minor

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Requirements

The leadership studies - nonprofit organizations minor focuses on applying, analyzing, and evaluating effective leadership approaches. It focuses on leadership development in the nonprofit sector. The minor emphasizes leadership theories and practice and cultivates students' self-awareness and the development of leadership competencies. The curriculum core emphasizes leadership principles and theory while the electives provide interdisciplinary perspectives. As such, students gain understanding of diverse social, cultural, and organizational processes that impact effective leadership in a variety of contexts. The goal of the minor is to prepare students for career growth and for leading organizational success in nonprofit organizations.

Total Program Credits: 18

Discipline Core Requirements:			18 Credits
Required Courses:			
	MGMT 1250	Principles of Leadership	3
	MGMT 3500	Leadership Theory and Application WE	3
	POLS 3320	Nonprofits and The Public Sector	3
	THEA 3625	Development and Fundraising for the Arts	3
Electives (choose 6 credits hours from the following.)			6
	MGMT 2030	Inclusive Leadership SS	
	MGMT 450R	Leadership Practicum	
	AERO 3100	Management and Leadership A	
	AERO 3110	Management and Leadership B	
	AMST 300R	Topics in American Studies	
	COMM 3410	Fundamentals of Mediation and Negotiation	
	COMM 4250	Communication and Leadership	
	ENGL 473R	Topics in Gender Studies	
	ESMG 4000	Advanced Emergency Services Leadership	
	ESWF 3380	L380 Fireline/Fire Service Leadership	
	ESWF 3381	L381 Incident Leadership	
	ESWF 4481	L481 Advanced Leadership for Command and General Staff	
	HR 3550	Organization Development	
	MGMT 3000	Organizational Behavior WE	
	MGMT 3020	Individual Action and Corporate Social Responsibility	

Strategic Management and Operations

MGMT 332G	Cross Cultural Communications for International Business GI	
MGMT 297H	Honors Seminar in Leadership Development	
MILS 1200	Introduction to Leadership Excellence I	
MILS 145R	Introduction to Leadership Dynamics and Techniques	
MILS 1210	Introduction to Leadership Excellence II	
MKTG 3640	Sales Management	
PJST 4300	Race Gender and Class in Peace and Justice	
POLS 3300	Introduction to Public Administration	
POLS 420R	Issues and Topics in Political Science	
POLS 3370	Leading Cities	
SOC 3510	Sociology of Work and Occupations	
SOC 4400	Social Change	
SLSS 3200	Leader--Teacher and Mentor	
SLSS 405G	Leader--Global Contributor GI	

Graduation Requirements:

1. Complete all the requirements for the minor.

Leadership Studies - Nonprofit Organizations, Minor Careers

1. Apply leadership theories to real-life situations.
2. Demonstrate mastery of oral and written communication in the context of leadership development theory and practice.
3. Demonstrate critical analytical and problem-solving skills to identify and solve leadership problems and issues.
4. Engage in the development process by cultivating donors, and raising money through donations, sponsorships, and grants to support nonprofit arts organizations.

Leadership Studies, Minor

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Requirements

The leadership studies minor focus on applying, analyzing, and evaluating effective leadership approaches. The minor emphasizes leadership theories and practice and cultivates students' self-awareness and the development of leadership competencies. The curriculum core emphasizes leadership principles and theory while the electives provide interdisciplinary perspectives. As such, students gain understanding of diverse social, cultural, and organizational processes that impact effective leadership in a variety of contexts. The goal of the minor is to prepare students for career growth and for leading organizational success.

Total Program Credits: 18

Discipline Core Requirements:			18 Credits
Required Courses:			
	MGMT 1250	Principles of Leadership	3
	MGMT 2030	Inclusive Leadership SS	3

MGMT 3500	Leadership Theory and Application WE	3
MGMT 450R	Leadership Practicum	3
Electives (choose 6 credits hours from the following; 3 credits must be upper division.)		6
AERO 3100	Management and Leadership A	
AERO 3110	Management and Leadership B	
AMST 300R	Topics in American Studies	
COMM 3410	Fundamentals of Mediation and Negotiation	
COMM 4250	Communication and Leadership	
ENGL 473R	Topics in Gender Studies	
ESMG 4000	Advanced Emergency Services Leadership	
ESWF 3380	L380 Fireline/Fire Service Leadership	
ESWF 3381	L381 Incident Leadership	
ESWF 4481	L481 Advanced Leadership for Command and General Staff	
HR 3550	Organization Development	
MGMT 3000	Organizational Behavior WE	
MGMT 3020	Individual Action and Corporate Social Responsibility	
MGMT 332G	Cross Cultural Communications for International Business GI	
MGMT 297H	Honors Seminar in Leadership Development	
MILS 1200	Introduction to Leadership Excellence I	
MILS 145R	Introduction to Leadership Dynamics and Techniques	
MILS 1210	Introduction to Leadership Excellence II	
MKTG 3640	Sales Management	
PJST 4300	Race Gender and Class in Peace and Justice	
POLS 3300	Introduction to Public Administration	
POLS 420R	Issues and Topics in Political Science	
POLS 3370	Leading Cities	
SOC 3510	Sociology of Work and Occupations	
SOC 4400	Social Change	
SLSS 3200	Leader--Teacher and Mentor	
SLSS 405G	Leader--Global Contributor GI	

Graduation Requirements:

1. Complete all requirements for the minor.

Leadership Studies, Minor Careers

1. Describe traditional leadership theories and current trends in emerging leadership philosophies.
2. Apply leadership theories through critical thinking discussions and activities.

3. Demonstrate mastery of oral and written communication in the context of leadership development theory and practice.
4. Demonstrate critical analytical and problem-solving skills to identify and solve leadership problems and issues.
5. Develop self-awareness of leadership strengths and weaknesses.

Business and Analysis, B.S.

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Requirements

The Bachelor of Science in Business and Analysis produces career-ready graduates in an emerging and cross-disciplinary set of skills to meet a rapidly growing demand for employees. Degree skill sets include business analysis planning and monitoring, elicitation and collaboration, project management, data analysis and strategy, analytical thinking and problem solving, customer acquisition and retention, industry tools and technology/professional certification, and new venture financial acumen. Practical knowledge is gained by requiring each graduate to sit for at least one professional industry certification exam (IIBA, ECBA). Students will also be provided multiple opportunities to interact and network with industry partners on in-class projects and internships. Graduates will be prepared to enter the job market in a wide variety of industries such as technology, manufacturing, marketing, financial services, healthcare, and supply chain. In addition, this degree will provide entrepreneurial skills to develop businesses and products.

Total Program Credits: 120

Matriculation Requirements:			
	MGMT 2240	Business Calculus	3
or	MATH 1100	Survey of Calculus QL	
	ECON 2010	Principles of Economics I SS	3
	ACC 2110	Principles of Accounting I	3
	MKTG 220G	Written Business Communication GI WE	3
	MGMT 2340	Business Statistics I	3
	MGMT 2400	Data Analytics for Business	3
	MKTG 2390	Professional Business Presentations	3
Complete one of the following ² :			
	My Educator		
	IM 2010	Business Computer Proficiency (3)	
	IM 2600	Spreadsheet Applications (3)	
General Education Requirements:			35 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGL 1005	Literacies and Composition Across Contexts CC (5)	
	ENGL 2010	Intermediate Academic Writing CC	3
Complete one of the following:			3
	MATH 1050	College Algebra QL (4)	
	MATH 1055	College Algebra with Preliminaries QL (5)	
	MATH 1090	College Algebra for Business QL (3)	
	An Advanced Placement (AP) Mathematics Test with a score of 3 or higher		

Complete one of the following:			3
	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	
	HIST 1700	American Civilization AS (3)	
	HIST 1740	US Economic History AS (3)	
	POLS 1000	American Heritage SS (3)	
	POLS 1100	American National Government AS (3)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
	HLTH 1100	Personal Health and Wellness TE	2
or	EXSC 1097	Fitness for Life TE (2)	
Distribution Courses:			
	ECON 2010	Principles of Economics I SS	3
	Biology		3
	Physical Science		3
	Additional Biology or Physical Science		3
	Humanities Distribution		3
	Fine Arts Distribution		3
Discipline Core Requirements:			55 Credits
Complete one of the following: ¹			
	My Educator		
	IM 2010	Business Computer Proficiency (3)	
	IM 2600	Spreadsheet Applications (3)	
Complete the following			
	MKTG 1890	Introduction to Careers in Business	1
	MGMT 2240	Business Calculus	3
or	MATH 1100	Survey of Calculus QL (4)	
	ACC 2110	Principles of Accounting I	3
	MKTG 220G	Written Business Communication GI WE	3
	MGMT 2340	Business Statistics I	3
	MGMT 2400	Data Analytics for Business	3
	MKTG 2390	Professional Business Presentations	3
Business Core Requirements:			
	FIN 3100	Principles of Finance	3
	MKTG 3600	Principles of Marketing	3
	MGMT 3000	Organizational Behavior WE	3
	MGMT 3450	Operations Management	3
	MKTG 3890	Business Career Preparation	2
	ENTR 493R	Entrepreneurship Lecture Series	1
or	MGMT 495R	Executive Lecture Series (1)	
	MGMT 4860	Business Strategy Formulation and Implementation	3
Concentration Core Requirements:			
	FIN 3410	Introduction to Venture Capital Skills	3
	MGMT 4260	Business Analysis and Project Management	3

Strategic Management and Operations

	MGMT 4350	Business Intelligence and Data Visualization	3
	MKTG 4610	Sales Operations	3
	MGMT 481R	Internship	3
	Choose one of the following:		6
	MGMT 330G	Survey of International Business GI (3)	
	MGMT 332G	Cross Cultural Communications for International Business GI (3)	
	MKTG 335G	International Marketing GI (3)	
	ECON 305G	International Economics GI (3)	
Program Electives:			15 Credits
Choose 15 credits from advisor's list of approved WSB courses			15
	9 credits must be upper division.		
	6 credits can be lower or upper division		
General Electives:			15 Credits
Complete 15 hours of courses numbered 1000 or higher			15
Notes:			
1. My Educator score of 80% or better; IM 2010 Business Computer Proficiency or IM 2600 Spreadsheet Applications with a grade of B- or higher.			

Graduation Requirements:

1. Completion of a minimum of 120 semester credits required in the BS degree; at least 40 credit hours must be upper-division courses.
2. Overall grade point average 2.0 or above with a minimum of 2.5 GPA in all Woodbury School of Business courses. No grade lower than a "C-" in core courses.
3. Residency hours: Minimum of 30 credit hours of business courses through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
4. Completion of GE and specified departmental requirements. Students are responsible for completing all prerequisite courses.
5. Successful completion of at least one Global/Intercultural course.
6. Successful completion of at least two Writing Enriched courses.

NOTE: Students will be limited to 9 hours of upper-division credit until matriculation is completed.

Business and Analysis, B.S. Careers

1. Exhibit quantitative and qualitative reasoning skills applied to a variety of business development and monitoring problems.
2. Analyze, conduct, and present (in both written and oral formats) quantitative business solutions.
3. Apply a variety of data analytics tools (data visualization, forecasting, simulation, optimization, strategic models and other mathematical, statistical tools, software, and computer language tools) to a wide variety of strategic business development problems.
4. Analyze, approach, and synthesize enterprise financial problems using quantitative and qualitative techniques and state-of-the-art software packages.
5. Develop solutions for customer acquisition and retention issues affecting businesses locally, nationally, and internationally.
6. Apply systems thinking and reasoning to create business development and solve elicitation and collaboration issues.

International Business, B.S.

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Requirements

The Bachelor of Science in International Business produces graduates ready to assist companies with their international operations. Degree skills sets include import/export management, international marketing, international finance, cross-cultural communications, business-level proficiency in a foreign language, international management, analytical thinking, and problem solving. Practical knowledge is gained by requiring each graduate to take at least one professional industry certification exam (business language proficiency exams, CGBP, etc.). Students will also be provided multiple opportunities to interact and network with industry partners on in-class projects and internships. Graduates will be prepared to enter the job market in a wide variety of industries such as: technology, manufacturing, marketing, financial services, healthcare, and supply chain. In addition, this degree will provide vital international relations skills for those who wish to enter the US Foreign Service.

Total Program Credits: 120

Matriculation Requirements:

1. WSB Orientation
2. IM 2010 Business Computer Proficiency or IM 2600 Spreadsheet Applications (with a B- or higher) or MyEducator (score of 80% or higher)
3. ACC 2110 Principles of Accounting I
4. ECON 2010 Principles of Economics I SS
5. MGMT 2400 Data Analytics for Business
6. MKTG 220G Written Business Communication GI WE (with a B- or higher)
7. MGMT 2240 Business Calculus or MATH 1100 Survey of Calculus QL
8. MGMT 2340 Business Statistics I
9. MKTG 2390 Professional Business Presentations

Note: C- and higher is allowed in other course work as long as overall 2.5 GPA is met.

General Education Requirements:			36 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGL 1005	Literacies and Composition Across Contexts CC (5)	
	ENGL 2010	Intermediate Academic Writing CC	3
Complete one of the following:			3
	MATH 1050	College Algebra QL (4)	
	MATH 1055	College Algebra with Preliminaries QL (5)	
	MATH 1090	College Algebra for Business QL (3)	
Complete one of the following:			3
	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	
	HIST 1700	American Civilization AS (3)	
	HIST 1740	US Economic History AS (3)	
	POLS 1000	American Heritage SS (3)	
	POLS 1100	American National Government AS (3)	
	HLTH 1100	Personal Health and Wellness TE	2

or	EXSC 1097	Fitness for Life TE (2)	
Distribution Courses:			
	ECON 2010	Principles of Economics I SS	3
	Fine Arts Distribution		3
	Humanities Distribution (fulfilled by language 202G)		4
	Biology Distribution		3
	Physical Science Distribution		3
	Additional Biology or Physical Science		3
	PHIL 2050	Ethics and Values IH	3
or	PHIL 205G	Ethics and Values IH GI (3)	
or	PHIL 205H	Ethics and Values IH (3)	
Discipline Core Requirements:			84 Credits
Complete one of the following:			
	My Educator		
or	IM 2010	Business Computer Proficiency (3)	
or	IM 2600	Spreadsheet Applications (3)	
	MKTG 1890	Introduction to Careers in Business	1
	ACC 2110	Principles of Accounting I	3
	MGMT 2400	Data Analytics for Business	3
	MGMT 2240	Business Calculus	3
or	MATH 1100	Survey of Calculus QL (4)	
	MGMT 2340	Business Statistics I	3
	MKTG 220G	Written Business Communication GI WE	3
	MKTG 2390	Professional Business Presentations	3
Business Core Requirements:			
	MGMT 3000	Organizational Behavior WE	3
	MKTG 3600	Principles of Marketing	3
	FIN 3100	Principles of Finance	3
	MKTG 3890	Business Career Preparation	2
	MGMT 3450	Operations Management	3
	ENTR 493R	Entrepreneurship Lecture Series	1
or	MGMT 495R	Executive Lecture Series (1)	
	MGMT 4860	Business Strategy Formulation and Implementation	3
	FIN 4180	International Finance Management	3
	MGMT 332G	Cross-Cultural Communications for International Business GI	3
	MGMT 4870	International Management	3
	MKTG 335G	International Marketing GI	3
	Language Requirement	For any foreign Language complete 21 credit of the course sequence 1010, 1020, 2010, 202G, 3050, 3200, and one additional language course numbered 3000 or higher (4200 recommended)	21
Complete 6 credits from the following list:			6
	ACC 312G	International Internal Auditing GI (3)	
	ECON 305G	International Economics GI (3)	

HM 320G	Global Tourism GI (3)	
HR 470G	International Human Resource Management GI (3)	
MGMT 330G	Survey of International Business GI (3)	
MGMT 481R	Internship (3)	
General Electives (any course 1000 or higher)		8

Graduation Requirements:

1. Completion of a minimum of 120 semester credits required in the BS degree
2. At least 40 credit hours must be upper-division courses.
3. Overall grade point average 2.0 or above with a minimum of 2.5 GPA in all Woodbury School of Business courses.
4. No grade lower than a "C-" in core courses.
5. Residency hours: Minimum of 30 credit hours of business courses through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
6. Completion of GE and specified departmental requirements. Students are responsible for completing all prerequisite courses.
7. Successful completion of at least one Global/Intercultural course.

Note: Students will be limited to nine hours of upper-division credit until matriculation is completed.

International Business, B.S.**Careers**

1. Exhibit quantitative and qualitative reasoning skills applied to a variety of international business problems.
2. Analyze case studies to present solutions to international business problems.
3. Apply a variety of tools from the fields of marketing, finance, management, and organizational behavior to solve international business development problems.
4. Assess international cultural problems and propose solutions.
5. Assess and analyze business problems and present a course of action in a foreign language.

Related Careers

- Chief Executives
- General and Operations Managers
- Business Operations Specialists, All Other
- Business Teachers, Postsecondary

Operations and Supply Chain Management, B.S.

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Requirements

The BS in Operations and Supply Chain Management is aimed at producing career-ready graduates in operations and supply chain management to meet the growing demand for employees with this skill set. Students become career-ready through a program of study consisting not only of a theoretical base in making good business operating decisions but also a hands-on, practical approach to learning. Practical knowledge is gained by not only offering but requiring each graduate to sit for at least one professional industry certification exam (Domo, Lean, Six Sigma, Project Management), and complete either an internship or an independent study applying skills and tools learned throughout their coursework. Further, students will benefit from the program's connection with industry leaders who advise program directors regarding course offerings and course content that

Strategic Management and Operations

is most valuable on the job market. Students will also be provided multiple opportunities to interact and network with industry partners on in-class projects, internships, and full-time employment post-graduation. Students will gain knowledge in core topics such as analytics for business decisions, business decision optimization, supply chain management, simulation for business applications, and quality management tools and techniques (Lean, Six Sigma, Theory of Constraints, etc.). Graduates will be prepared to enter the job market in a variety of industries such as technology, healthcare, supply chain, manufacturing, distribution, and logistics.

Total Program Credits: 120

Matriculation Requirements:			
Complete one of the following: ¹			
	My Educator		
	IM 2010	Business Computer Proficiency (3)	
	IM 2600	Spreadsheet Applications (3)	
Complete the following:			
	ECON 2010	Principles of Economics I SS	3
	ACC 2110	Principles of Accounting I	3
	MGMT 2240	Business Calculus	3
or	MATH 1100	Survey of Calculus QL (4)	
	MGMT 2340	Business Statistics I	3
	MKTG 220G	Written Business Communication GI WE	3
	MGMT 2400	Data Analytics for Business	3
General Education Requirements:			35 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGH 1005	Literacies and Composition Across Contexts CC (5)	
	ENGL 2010	Intermediate Academic Writing CC	3
Complete one of the following:			3
	MATH 1090	College Algebra for Business QL (3)	
	MATH 1050	College Algebra QL (4)	
	MATH 1055	College Algebra with Preliminaries QL (5)	
Complete one of the following:			3
	HIST 1700	American Civilization AS (3)	
	HIST 1740	US Economic History AS (3)	
	POLS 1000	American Heritage SS (3)	
	POLS 1100	American National Government AS (3)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
	HLTH 1100	Personal Health and Wellness TE (2)	
or	EXSC 1097	Fitness for Life TE	2
Distribution Courses:			
	Biological		3
	ECON 2010	Principles of Economics I SS	3
	Physical Science		3
	Additional Biology or Physical Science		3
	Humanities Distribution		3

	Fine Arts Distribution		3
Discipline Core Requirements:			55 Credits
Business Foundation Courses			
Complete one of the following: ¹			
	My Educator		
	IM 2010	Business Computer Proficiency (3)	
	IM 2600	Spreadsheet Applications (3)	
Complete the following			
	ACC 2110	Principles of Accounting I	3
	MGMT 2240	Business Calculus	3
or	MATH 1100	Survey of Calculus QL (4)	
	MGMT 2340	Business Statistics I	3
	MGMT 2400	Data Analytics for Business	3
	MKTG 220G	Written Business Communication GI WE	3
Business Core Courses:			
	MGMT 3000	Organizational Behavior WE	3
	MKTG 3600	Principles of Marketing	3
	FIN 3100	Principles of Finance	3
	MGMT 3450	Operations Management	3
	MGMT 495R	Executive Lecture Series	1
or	ENTR 493R	Entrepreneurship Lecture Series (1)	
Complete one of the following:			3
	ECON 305G	International Economics GI (3)	
	MGMT 332G	Cross Cultural Communications for International Business GI (3)	
	MGMT 330G	Survey of International Business GI (3)	
Program Core Requirements:			
	MGMT 3460	Scheduling, Forecasting and Inventory Management	3
	MGMT 3480	Operations Simulation	3
	MGMT 3700	Supply Chain and Logistics Management	3
	MGMT 4470	Strategic Operational Planning	3
	MGMT 4480	Management Science and Optimization	3
	MGMT 481R	Internship (1)	3
or	MGMT 490R	Independent Study (1)	3
	MGMT 4860	Business Strategy Formulation and Implementation	3
Complete one of the following:			3
	MGMT 3070	Total Quality Management (3)	
	MGMT 3470	Lean Management Systems (3)	
	MGMT 4350	Business Intelligence and Data Visualization (3)	
	TECH 4400	Advanced Project Management (3)	
Elective Requirements:			30 Credits
Complete 18 credits from the following list: ²			18

MGMT 3345	Business Statistics II (3)	
ECON 4040	Game Theory (3)	
HR 4610	Talent Acquisition and Performance Management (3)	
INFO 4440	Enterprise Computing Environments (3)	
MGMT 3070	Total Quality Management (3)	
MGMT 3470	Lean Management Systems (3)	
MGMT 4350	Business Intelligence and Data Visualization (3)	
MKTG 4300	Marketing Data Science (3)	
MKTG 4600	Customer Experience (3)	
TECH 3400	Project Management WE (3)	
TECH 3700	Materials Management (3)	
TECH 4000	Reliability Management (3)	
TECH 4400	Advanced Project Management (3)	
Complete 12 credits of any courses 1000-level or higher		12
Notes: <ol style="list-style-type: none"> 1. My Educator score of 80% or better; IM 2010 or IM 2600 with a grade of B- or higher. 2. May not choose a course previously taken for business or program requirement. 		

- Industrial Production Managers
- Construction Managers
- Logisticians
- Business Teachers, Postsecondary
- First-Line Supervisors of Mechanics, Installers, and Repairers
- First-Line Supervisors of Production and Operating Workers

Graduation Requirements:

1. Completion of a minimum of 120 semester credits required in the BS degree; at least 40 credit hours must be upper-division courses.
2. Overall grade point average 2.0 or above with a minimum of 2.5 GPA in all Woodbury School of Business courses. No grade lower than a "C-" in core and specialization courses.
3. Residency hours: Minimum of 30 credit hours of business courses through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
4. Completion of GE and specified departmental requirements. Students are responsible for completing all prerequisite courses.
5. Successful completion of at least one Global/Intercultural course.

NOTE: Students will be limited to 9 hours of upper-division credit until Matriculation is completed.

Operations and Supply Chain Management, B.S, Careers

1. Exhibit quantitative reasoning skills in the application to a variety of operations and supply chain problems.
2. Understand, conduct, and present (in both written and oral formats) quantitative business solutions.
3. Apply a variety of forecasting, simulation, optimization, and other mathematical and statistical tools to a number of business problems.
4. Approach, synthesize, and analyze operations and supply chain problems using quantitative and qualitative techniques, and state-of-the-art software packages.
5. Understand operations and supply chain issues affecting businesses locally, nationally, and internationally.
6. Understand systems and process thinking and reasoning as they approach operations and supply chain issues and/or face ethical dilemmas in their school work and future careers.

Related Careers

- Computer and Information Systems Managers

Student Leadership and Success Studies

DEPARTMENT CHAIR

ECKTON, Darin *Associate Professor*

FACULTY

ASHMAN, Marinda G. *Associate Professor*

BORNS, Renee *Associate Professor*

ECKTON, Darin *Associate Professor*

GARDNER, Douglas *Associate Professor*

GOSLIN, Christopher *Associate Professor*

HAUG-BELVIN, Theresa *Assistant Professor*

JENSEN, Michael A. *Associate Professor*

JOHNSON, Benjamin *Associate Professor*

LAMBERT, Lisa *Associate Professor*

SANFT, Marni *Associate Professor*

WADDOUPS, Stacy D. *Associate Professor*

WONG, Cynthia *Assistant Professor*

YOAST, Tiffany *Professional in Residence*

Degrees & Programs

University Studies, A.A.

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Requirements

The University Studies Associate in Arts/Science is designed to provide an opportunity for students who may be potentially exploring their career and major options, or provides flexibility for those that are seeking an Associate that enables transferability or simply completion of a broad variety of curriculum options. The AS/AA UVST enables the ability to begin work toward the General Education requirements while meeting the needs of a broad variety of student circumstances.

Total Program Credits: 60

General Education Requirements:		35 Credits
	ENGL 1010 Introduction to Academic Writing CC	3
or	ENGL 1005 Literacies and Composition Across Context CC (5)	
	ENGL 2010 Intermediate Academic Writing CC	3
Complete one of the following:		3
	MAT 1030 Quantitative Reasoning QL (3) (recommended for Humanities or Arts majors)	
	MAT 1035 Quantitative Reasoning with Integrated Algebra QL (6)	
	STAT 1040 Introduction to Statistics QL (3) (recommended for Social Science majors)	
	STAT 1045 Introduction to Statistics with Algebra QL (5)	
	MATH 1050 College Algebra QL (4) (recommended for Business, Education, Science, and Health Professions majors)	

	MATH 1055 College Algebra with Preliminaries QL (5)	
	MATH 1090 College Algebra for Business QL (3) (recommended for Business majors)	
Complete one of the following:		3
	HIST 1700 American Civilization AS (3)	
	HIST 2700 US History to 1877 AS (3)	
and	HIST 2710 US History since 1877 AS (3)	
	HIST 1740 US Economic History AS (3)	
	POLS 1000 American Heritage SS (3)	
	POLS 1100 American National Government AS (3)	
Complete the following:		
	PHIL 2050 Ethics and Values IH	3
or	PHIL 205G Ethics and Values IH GI (3)	
	HLTH 1100 Personal Health and Wellness TE	2
or	EXSC 1097 Fitness for Life TE (2)	
Distribution Courses:		
	Biology	3
	Physical Science	3
	Additional Biology or Physical Science	3
	Humanities	3
	Fine Arts	3
	Social/Behavioral Science	3
Discipline Core Requirements:		25 Credits
	Any course(s) 1000 or higher	17
	One Language (other than English) to include the 1010 or 1020 levels	8

Graduation Requirements:

1. Completion of a minimum of 60 semester credits.
2. Overall grade point average of 2.0 (C) or above. (Departments may require a higher GPA.)
3. Residency hours -- minimum of 20 credit hours through course attendance at UVU.
4. Completion of GE and specified departmental requirements.
5. For the AA degree, completion of 8 credit hours of course work from one language.

University Studies, A.A.

Careers

1. Students will complete 25 credits of any 1000 level course or higher. These electives allow students to customize their curriculum to their individual needs, explore various major and career opportunities, and utilize credits toward graduation that may span a broad variety of topics.
2. Students will obtain a flexible degree that will allow for multiple career opportunities or progression into a variety of BA/BS options.
3. Students will complete General Education requirements for UVU associates level degrees.

Related Careers

- Postsecondary Teachers, All Other

University Studies, A.S.

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Requirements

The University Studies Associate in Arts/Science is designed to provide an opportunity for students who may be potentially exploring their career and major options, or provides flexibility for those that are seeking an Associate that enables transferability or simply completion of a broad variety of curriculum options. The AS/AA UVST enables the ability to begin work toward the General Education requirements while meeting the needs of a broad variety of student circumstances.

Total Program Credits: 60

General Education Requirements:		35 Credits
	ENGL 1010 Introduction to Academic Writing CC	3
or	ENGL 1005 Literacies and Composition Across Context CC (5)	
	ENGL 2010 Intermediate Academic Writing CC	3
Complete one of the following:		3
	MAT 1030 Quantitative Reasoning QL (3) (recommended for Humanities or Arts majors)	
	MAT 1035 Quantitative Reasoning with Integrated Algebra QL (6)	
	STAT 1040 Introduction to Statistics QL (3) (recommended for Social Science majors)	
	STAT 1045 Introduction to Statistics with Algebra QL (5)	
	MATH 1050 College Algebra QL (4) (recommended for Business, Education, Science, and Health Professions majors)	
	MATH 1055 College Algebra with Preliminaries QL (5)	
	MATH 1090 College Algebra for Business QL (3) (recommended for Business majors)	
Complete one of the following:		3
	HIST 2700 US History to 1877 AS (3)	
and	HIST 2710 US History since 1877 AS (3)	
	HIST 1700 American Civilization AS (3)	
	HIST 1740 US Economic History AS (3)	
	POLS 1000 American Heritage SS (3)	
	POLS 1100 American National Government AS (3)	
Complete the following:		
	PHIL 2050 Ethics and Values IH	3
or	PHIL 205G Ethics and Values IH GI (3)	
	HLTH 1100 Personal Health and Wellness TE	2
or	EXSC 1097 Fitness for Life TE (2)	
Distribution Courses:		
	Biology	3
	Physical Science	3
	Additional Biology or Physical Science	3

Humanities	3
Fine Arts	3
Social/Behavioral Science	3
Discipline Core Requirements:	25 Credits
Any course(s) 1000 or higher	25

Graduation Requirements:

1. Completion of a minimum of 60 semester credits.
2. Overall grade point average of 2.0 (C) or above. (Departments may require a higher GPA.)
3. Residency hours -- minimum of 20 credit hours through course attendance at UVU.
4. Completion of GE and specified departmental requirements.

University Studies, A.S.

Careers

1. Students will complete 25 credits of any 1000 level course or higher. These electives allow students to customize their curriculum to their individual needs, explore various major and career opportunities, and utilize credits toward graduation that may span a broad variety of topics.
2. Students will obtain a flexible degree that will allow for multiple career opportunities or progression into a variety of BA/BS options.
3. Students will complete General Education requirements for UVU associates level degrees.

Related Careers

- Postsecondary Teachers, All Other

General Education, Certificate of Completion

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Requirements

The Certificate of Completion in General Education is comprised of the courses that are required for completion of the general education requirements at Utah Valley University. The purpose of general education at UVU is a shared academic experience that provides students with the opportunity to explore new subjects, intellectual traditions, and perspectives; expands their awareness of the wider world; and prepares them with foundational knowledge, skills, and abilities that are expanded on in their disciplines of study in order to be successful learners and professionals positioned to contribute to their broader communities. When a student completes the requirements for the Certificate of Completion in General Education at UVU, the certificate is accepted at other USHE institutions as completing their General Education requirements.

Total Program Credits: 35

General Education Requirements:		35 Credits
	ENGL 1010 Introduction to Academic Writing CC	3
or	ENGL 1005 Literacies and Composition Across Contexts CC (5)	
	ENGL 2010 Intermediate Academic Writing CC	3
Complete one of the following:		3
	MAT 1030 Quantitative Reasoning QL (3)	
	MAT 1035 Quantitative Reasoning with Integrated Algebra QL (6)	

Student Leadership and Success Studies

	STAT 1040	Introduction to Statistics QL (3)	
	STAT 1045	Introduction to Statistics with Algebra QL (5)	
	MATH 1050	College Algebra QL (4)	
	MATH 1055	College Algebra with Preliminaries QL (5)	
	MATH 1090	College Algebra for Business QL (3)	
Complete one of the following:			3
	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	
	HIST 1700	American Civilization AS (3)	
	HIST 1740	US Economic History AS (3)	
	POLS 1000	American Heritage SS (3)	
	POLS 1100	American National Government AS (3)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
	HLTH 1100	Personal Health and Wellness TE	2
or	EXSC 1097	Fitness for Life TE	
Distribution Courses:			
	Biology		3
	Physical Science		3
	Additional Biology or Physical Science		3
	Humanities		3
	Fine Arts		3
	Social/Behavioral Science		3

Graduation Requirements:

1. Completion of a minimum of 35 semester credits.
2. Overall grade point average of 2.0 (C) or above.
3. Residency hours -- minimum of 12 credit hours through course attendance at UVU

General Education, Certificate of Completion Careers

1. Upon successful completion of this program students should be able to demonstrate basic Mathematic principles.
2. Upon successful completion of this program students should be able to demonstrate basic writing skills.
3. Upon successful completion of this program students should be able to demonstrate basic knowledge of US political system.

Related Careers

- Postsecondary Teachers, All Other

Integrated College and Community Studies, Certificate of Completion

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Requirements

The Certificate of Completion in Integrated College and Community Studies will prepare students with the foundational knowledge, skills, and abilities to successfully navigate independent living and

employment in the community. The program will focus on the important topics of self-determination, career development and employment, academic enrichment, independent living, and campus and community engagement.

Total Program Credits: 33

Program Requirements:			33 Credits
	ICCS 1010	Self Determination I	2
	ICCS 2010	Self Determination II	2
	ICCS 1020	Living and Working in the Community I	2
	ICCS 2020	Living and Working in the Community II	2
	ICCS 1030	Social Skills, Sexuality, and Mature Relationships	1
	ICCS 2030	Problem Solving for Adulthood	2
	ICCS 110R	Career Development I	2
	ICCS 120R	Career Development Practicum I	1
	ICCS 210R	Career Development II	1
	ICCS 220R	Career Development Practicum II	2
	SLSS 2100	Major and Career Exploration	3
or	SLSS 1000	University Student Success	3
	SLSS 1100	Stress Management	3
	ENGH 1005	Literacies and Composition Across Contexts CC	5
	HLTH 1100	Personal Health and Wellness TE	2
	FIN 1060	Personal Finance SS	3

Graduation Requirements:

1. Completion of a minimum of 33 semester credits.
2. Earn a minimum 2.0 GPA for all certificate coursework (or earn credit for all certificate course work, in CR/No CR is selected).
3. Residency hours -- Minimum of 9 credit hours through course attendance at UVU

Integrated College and Community Studies, Certificate of Completion Careers

1. Students will develop personal problem solving skills to apply to personal, career, and community challenges.
2. Students will navigate technology to support personal and career goals, gain information, and solve problems.
3. Students will develop social and communication skills associated with success in relationships across adult contexts.

Related Careers

- NO MATCH

Leadership for Personal and Social Impact, Certificate of Proficiency

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Requirements

The Leadership for Personal and Social Impact certificate provides an academic setting where students gain theoretical and practical skills with principles of self-awareness and improvement that can

immediately transform personal success and performance. As students learn and apply these principles and skills they will also be provided with and create their own engaging experiences to become more active contributors and stewards across a wide range of professional, volunteer, public, and private settings in their current and future local, regional, national, and international communities. Students from any academic major or minor are encouraged to enroll in and complete this certificate. Currently, two of the courses are offered online, (SLSS 1000 and SLSS 1200) so it is possible that students may choose to take those courses online. Initially, it is anticipated that the other courses will be offered on the main campus. As interest and demand increases, the Department of Student Leadership and Success Studies will reevaluate and may offer the remaining courses online.

Total Program Credits: 16

Discipline Core Requirements			16 Credits
SLSS 1200	The 7 Habits of Highly Effective People		3
SLSS 2500	Leader--Strengths-Based Leader/Coach		3
SLSS 3200	Leader--Teacher and Mentor		3
SLSS 405G	Leader--Global Contributor GI		3
SLSS 4800	Leader Capstone--Lifelong Change Agent		4

Graduation Requirements:

1. Complete 16 credits of course work.
2. Earn a minimum 2.5 GPA in all certificate course work with no grades lower than a C-.
3. Residency hours -- Minimum of 4 credits required through course attendance at UVU.

Leadership for Personal and Social Impact, Certificate of Proficiency Careers

1. Identify personal strengths and ways to use them to coach self and others to increased performance.
2. Build interdependence by investing in mutually supportive relationships, while helping others to do the same.
3. Take personal responsibility by accepting their primary roles in determining the outcomes and experiences in their lives.
4. Develop an increasingly inclusive mindset that leads to increased quantity and quality of contributions in the community (i.e., local, regional, national and/or international).
5. Enhance their ability to accomplish tasks by successfully navigating varying hierarchical relationships within and across organizations.

Personal Development for Professional Advancement, Certificate of Proficiency

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Requirements

The courses in this certificate provide a flexible way for students and their advisors to choose a customized path for foundational success in college and increased employability through the theoretical and experiential learning of soft skills. Completion of this certificate can efficiently lead to the partial fulfillment of an additional certificate and associate degree.

Total Program Credits: 18

General Education Requirements:			18 Credits
Developing Academic Independence - Complete 3 credits from the following:			3
SLSS 1050	Research Skills for Student Success		
SLSS 1000	University Student Success		
SLSS 1190	Power Learning Strategies		
SLSS 1195	Speed Reading		
ENGL 1005	Literacies and Composition Across Contexts CC		
Building Self-Knowledge for Self-Leadership - Complete 9 credits from the following:			9
SLSS 101R	Student Success Topics		
SLSS 103R	Student Leadership Development I		
SLSS 104R	Student Leadership Development II		
SLSS 1100	Stress Management		
SLSS 1200	The 7 Habits of Highly Effective People		
or SLSS 120H	The 7 Habits of Highly Effective People		
SLSS 2100	Major and Career Exploration		
SLSS 2500	Leader--Strengths-Based Leader/Coach		
Learning Experientially - Complete 6 credits from the following:			6
SLSS 2300	Leadership Mentoring II		
SLSS 240R	Mentoring Leadership Practicum		
MAT 240R	Math Mentor Leadership Practicum		
SLSS 281R	Internship		
UVST 1100	Prior Learning Assessment Portfolio		
UVST 289R	Undergraduate Research		
UVST 290R	Community Engagement and Applied Service Learning		

Graduation Requirements:

1. Complete 18 credits of course work.
2. Earn a minimum 2.5 GPA in all certificate course work with no grades lower than a C-.
3. Residency hours -- Minimum of 5 credits required through course attendance at UVU.

Personal Development for Professional Advancement, Certificate of Proficiency Careers

1. Gain foundational skills that lead to increased student success in future courses and programs.
2. Engage in experiential learning opportunities that enhance the acquisition of soft skills.
3. Effectively articulate college and career readiness skills acquired during the program.

Related Careers

- Postsecondary Teachers, All Other

University Studies, B.A.

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Requirements

The BA/BS is designed to meet the academic and professional objectives of learners whose needs are not addressed through existing degree programs. The degree assists learners in developing essential skills valued by employers and graduate schools (e.g., applied learning, critical thinking, written and oral communication, teamwork, ethical reasoning, and global understanding) within the framework of a larger discipline. Learners will complete a structured yet customized set of upper division courses under the guidance of an advisor and faculty mentor to ensure that standards for academic rigor at the Bachelor level are achieved. Candidates for the degree will focus on intellectual skills and integrative knowledge by enrolling in courses in a general disciplinary area with intentionally-selected, specialized knowledge courses that contribute to an integrated whole, and by completing a capstone experience that further prepares them for their chosen professions or graduate school admission. Under the direction of a faculty member, students will complete a capstone course or an internship which will involve reflection and a synthesis of learning to demonstrate achievement of the learning outcomes for the degree.

Total Program Credits: 120

Matriculation Requirements:		
<ol style="list-style-type: none"> 1. An approved Plan of Study that focuses on the achievement of clearly defined personal, career, or professional goals, as part of the application process for the major. 2. Minimum 2.0 grade point average. 3. Completed 60 or more semester credit hours. 		
General Education Requirements:		36 Credits
	ENGL 1010	Introduction to Academic Writing CC 3
or	ENGL 1005	Literacies and Composition Across Contexts CC (5)
	ENGL 2010	Intermediate Academic Writing CC 3
Complete one of the following:		3
	MAT 1030	Quantitative Reasoning QL (3)
	MAT 1035	Quantitative Reasoning with Integrated Algebra QL (6)
	STAT 1040	Introduction to Statistics QL (3)
	STAT 1045	Introduction to Statistics with Algebra QL (5)
	MATH 1050	College Algebra QL (4)
	MATH 1055	College Algebra with Preliminaries QL (5)
	MATH 1090	College Algebra for Business QL (3)
Complete one of the following:		3
	HIST 1700	American Civilization AS (3)
	HIST 2700	US History to 1877 AS (3)
and	HIST 2710	US History since 1877 AS (3)
	HIST 1740	US Economic History AS (3)
	POLS 1000	American Heritage SS (3)
	POLS 1100	American National Government AS (3)
Complete the following:		
	PHIL 2050	Ethics and Values IH 3

or	PHIL 205G	Ethics and Values IH GI (3)	
	HLTH 1100	Personal Health and Wellness TE	2
or	EXSC 1097	Fitness for Life TE (2)	
Distribution Courses:			
	Biology		3
	Physical Science		3
	Additional Biology or Physical Science		3
	Humanities (Fulfilled with Foreign Language 202G/2020 course)		4
	Fine Arts		3
	Social/Behavioral Science		3
Discipline Core Requirements:			5 Credits
Career Focus Course - Choose one from the following:			3
	AMST 300R	Topics in American Studies (3)	
	ANTH 3000	Language and Culture LH (3)	
	ANTH 3360	Contemporary Issues in American Culture (3)	
	ANTH 3365	Gender and Sexuality (3)	
	ANTH 3560	Peace Violence and Human Morality (3)	
	ANTH 3660	Globalized Society (3)	
	ANTH 3700	Culture Psychology and Mental Health (3)	
	ANTH 3870	Political Anthropology (3)	
	ANTH 3400	Arts Management (3)	
	AVSC 410G	Global Ethical and Professional Issues in Aviation GI (3)	
	CNST 4720	Foundations of American Constitutionalism (3)	
	COMM 319G	Intercultural Communication Encounters GI (3)	
	COMM 3410	Fundamentals of Mediation and Negotiation (3)	
	COMM 3700	Free Expression in a Democratic Society (3)	
	COMM 4250	Communication and Leadership (3)	
	CS 305G	Global Social and Ethical Issues in Computing GI WE (3)	
	ENGL 3300	Collaborative Communication for Technology Professions (3)	
	ENGL 3320	Grant and Proposal Writing (3)	
	ENST 3000	Introduction to Environmental Studies (3)	
	ENTR 3170	Entrepreneurship:Feasibility Analysis (3)	
	FAMS 3250	Applied Parenting (3)	
	FAMS 4660	Family Financial and Resource Management (3)	
	FAMS 4670	Family Dynamics and Systems (3)	
	GEOG 3010	Economic Geography (3)	
	GEOG 3250	Cultural Geography (3)	

GEOG 3430	Political Geography (3)	
HLTH 440G	Health and Diversity GI (3)	
HR 3430	Introduction to Human Resource Management (3)	
MGMT 3000	Organizational Behavior WE (3)	
PHIL 3510	Business and Professional Ethics (3)	
PHIL 3530	Environmental Ethics (3)	
PHIL 3700	Social and Political Philosophy (3)	
PHIL 3710	Philosophy of Law (3)	
PJST 3000	Introduction to Peace and Justice Studies WE (3)	
PJST 3100	Introduction to Human Security (3)	
POLS 3410	Globalization and Sustainable Development (3)	
PSY 3100	Psychology of Gender (3)	
PSY 350G	Social Psychology GI (3)	
SLSS 3200	Leader--Teacher and Mentor (3)	
SLSS 402G	Global Professionalization GI (3)	
SLSS 405G	Leader--Global Contributor GI (3)	
SOC 3510	Sociology of Work and Occupations (3)	
TECH 3000	Introduction to Technology Management (3)	
TECH 3010	Creativity Innovation and Change Management (3)	
TECH 3400	Project Management WE (3)	
Complete one of the following:		2
UVST 481R	Internship (1-8)	
UVST 4930	Capstone WE (3)	
Elective Requirements:		79 Credits
Choose 27 credits from one School or College (except WSOB - 24 credit max)*		27
12 Upper Division Credits (any courses 3000-4000 level from above School or College)		
15 Lower Division Credits (any courses 1000-2000 level from above School or College)		
40 Elective Credits (23 Upper Division Credits and 17 Lower Division Credits)		40
23 Upper Division Credits		
17 Lower Division Credits		
Foreign Language & Humanities (Foreign Language 202G/2020 course fulfills Humanities Distribution)		12
Notes:		
1. If focus area is with the Woodbury School of Business, only 21-24 credits may be used.		

Graduation Requirements:

1. Completion of 120 semester credits.
2. Overall grade point average of 2.0 (C) or above.
3. Residency hours: minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
4. At least 40 credit hours in upper division courses.

5. Complete 16 credit hours of course work from one language to include the 1010, 1020, 2010 and 202G/2020 levels, or transferred equivalents.
6. Completion of General Education requirements.
7. Completion of specific departmental (major) requirements.
8. Successful completion of at least one Global/Intercultural course.
9. Successful completion of at least two Writing Enriched (WE) courses.

University Studies, B.A.

Careers

1. Connect prior learning and future plans to essential learning outcomes.
2. Use multidisciplinary perspectives to synthesize facts, ideas, and information to independently solve problems.
3. Communicate to a variety of stakeholders using written, verbal, or digital skills.
4. Use self-directed skills to complete project(s).
5. Use forward-thinking skills to connect prior learning to trends.

Related Careers

- Postsecondary Teachers, All Other

University Studies, B.S.

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Requirements

The BA/BS is designed to meet the academic and professional objectives of learners whose needs are not addressed through existing degree programs. The degree assists learners in developing essential skills valued by employers and graduate schools (e.g., applied learning, critical thinking, written and oral communication, teamwork, ethical reasoning, and global understanding) within the framework of a larger discipline. Learners will complete a structured yet customized set up upper division courses under the guidance of an advisor and faculty mentor to ensure that standards for academic rigor at the Bachelor level are achieved. Candidates for the degree will focus on intellectual skills and integrative knowledge by enrolling in courses in a general disciplinary area with intentionally-selected, specialized knowledge courses that contribute to an integrated whole, and by completing a capstone experience that further prepares them for their chosen professions or graduate school admission. Under the direction of a faculty member, students will complete a capstone course or an internship which will involve reflection and a synthesis of learning to demonstrate achievement of the learning outcomes for the degree.

Total Program Credits: 120

Matriculation Requirements:		
<ol style="list-style-type: none"> 1. An approved Plan of Study that focuses on the achievement of clearly defined personal, career, or professional goals, as part of the application process for the major. 2. Minimum 2.0 grade point average. 3. Completed 60 or more semester credit hours. 		
General Education Requirements:		35 Credits
	ENGL 1010	Introduction to Academic Writing CC
		3
or	ENGH 1005	Literacies and Composition Across Contexts CC (5)
	ENGL 2010	Intermediate Academic Writing CC
		3
Complete one of the following:		3
	MAT 1030	Quantitative Reasoning QL (3)

Student Leadership and Success Studies

	MAT 1035	Quantitative Reasoning with Integrated Algebra QL (6)	
	STAT 1040	Introduction to Statistics QL (3)	
	STAT 1045	Introduction to Statistics with Algebra QL (5)	
	MATH 1050	College Algebra QL (4)	
	MATH 1055	College Algebra with Preliminaries QL (5)	
	MATH 1090	College Algebra for Business QL (3)	
Complete one of the following:			3
	HIST 1700	American Civilization AS (3)	
	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	
	HIST 1740	US Economic History AS (3)	
	POLS 1000	American Heritage AS (3)	
	POLS 1100	American National Government AS (3)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
or	PHIL 205G	Ethics and Values IH GI(3)	
	HLTH 1100	Personal Health and Wellness TE	2
or	EXSC 1097	Fitness for Life TE (2)	
Distribution Courses:			
	Biology		3
	Physical Science		3
	Additional Biology or Physical Science		3
	Humanities		3
	Fine Arts		3
	Social/Behavioral Science		3
Discipline Core Requirements:			5 Credits
Career Focus Course – Choose one from the following:			3
	AMST 300R	Topics in American Studies (3)	
	ANTH 3000	Language and Culture LH (3)	
	ANTH 3360	Contemporary Issues in American Culture (3)	
	ANTH 3365	Gender and Sexuality (3)	
	ANTH 3560	Peace Violence and Human Morality (3)	
	ANTH 3660	Globalized Society (3)	
	ANTH 3700	Culture Psychology and Mental Health (3)	
	ANTH 3870	Political Anthropology (3)	
	ARTH 3400	Arts Management (3)	
	AVSC 410G	Global Ethical and Professional Issues in Aviation GI (3)	
	CNST 4720	Foundations of American Constitutionalism (3)	
	COMM 319G	Intercultural Communication Encounters GI (3)	
	COMM 3410	Fundamentals of Mediation and Negotiation (3)	

	COMM 3700	Free Expression in a Democratic Society (3)	
	COMM 4250	Communication and Leadership (3)	
	CS 305G	Global Social and Ethical Issues in Computing GI WE (3)	
	ENGL 3300	Collaborative Communication for Technology Professions (3)	
	ENGL 3320	Grant and Proposal Writing (3)	
	ENST 3000	Introduction to Environmental Studies (3)	
	ENTR 3170	Entrepreneurship: Feasibility Analysis (3)	
	FAMS 3250	Applied Parenting (3)	
	FAMS 4660	Family Financial and Resource Management (3)	
	FAMS 4670	Family Dynamics and Systems (3)	
	GEOG 3010	Economic Geography (3)	
	GEOG 3250	Cultural Geography (3)	
	GEOG 3430	Political Geography (3)	
	HLTH 440G	Health and Diversity GI (3)	
	HR 3430	Introduction to Human Resource Management (3)	
	MGMT 3000	Organizational Behavior WE (3)	
	PHIL 3510	Business and Professional Ethics (3)	
	PHIL 3530	Environmental Ethics (3)	
	PHIL 3700	Social and Political Philosophy (3)	
	PHIL 3710	Philosophy of Law (3)	
	PJST 3000	Introduction to Peace and Justice Studies WE (3)	
	PJST 3100	Introduction to Human Security (3)	
	POLS 3410	Globalization and Sustainable Development (3)	
	PSY 3100	Psychology of Gender (3)	
	PSY 350G	Social Psychology GI (3)	
	SLSS 3200	Leader--Teacher and Mentor (3)	
	SLSS 402G	Global Professionalization GI (3)	
	SLSS 405G	Leader--Global Contributor GI (3)	
	SOC 3510	Sociology of Work and Occupations (3)	
	TECH 3000	Introduction to Technology Management (3)	
	TECH 3010	Creativity Innovation and Change Management (3)	
	TECH 3400	Project Management WE (3)	
Complete one of the following:			2
	UVST 481R	Internship (1-8)	
	UVST 4930	Capstone WE (3)	
Elective Requirements:			80 Credits
Choose 27 credits from one School or College (except WSOB – 24 credit max)*			27

*WSOB Concentration (additional 3 credits may be Upper or Lower Division, depending on total)	
12 Upper Division Credits (any courses 3000-4000 level from above School or College)	
15 Lower Division Credits (any courses 1000-2000 level from above School or College)	
53 Elective Credits	53
23 Upper Division Credits	
30 Lower Division Credits	
Notes:	
1. If focus area is with the Woodbury School of Business, only 21-24 credits may be used.	

Graduation Requirements:

1. Completion of 120 semester credits.
2. Overall grade point average of 2.0 (C) or above.
3. Residency hours: minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
4. At least 40 credit hours in upper division courses.
5. Completion of General Education requirements.
6. Completion of specific departmental (major) requirements.
7. Successful completion of at least one Global/Intercultural course.
8. Successful completion of at least two Writing Enriched (WE) courses.

University Studies, B.S.**Careers**

1. Connect prior learning and future plans to essential learning outcomes.
2. Use multidisciplinary perspectives to synthesize facts, ideas, and information to independently solve problems.
3. Communicate to a variety of stakeholders using written, verbal, or digital skills.
4. Use self-directed skills to complete project(s).
5. Use forward-thinking skills to connect prior learning to trends.

Related Careers

- Postsecondary Teachers, All Other

Technology Management

DEPARTMENT CHAIR

THACKERAY, Susan Assistant Professor

FACULTY

ALIN, Pauli Associate Professor

ARENDT, Anne Associate Professor

ILIKCHYAN, Armen Associate Professor

KUEHNE, Carolyn Sr. Lecturer

MERRILL, Kyle Professional In Residence

THACKERAY, Susan Assistant Professor

Degrees & Programs

Technology, A.A.S.

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Requirements

The Associate in Applied Science (AAS) in Technology is designed for individuals seeking to work in a technical area or who have considerable work experience seeking better upward mobility in their professions. Students can receive up to 15 credit hours for extensive work experience, certifications, licenses, or apprenticeships. Additionally, students who earn certifications in many 900+ hour technical programs offered throughout the Utah Technical College system can transfer in their certificate and receive up to 30 hours of academic credit, or almost half the credit required to graduate from the AAS. Students in the AAS pathway will build on their technical education and experience by completing core and elective course options, including experiential portfolio, business computer proficiency, and supervision.

Total Program Credits: 63

General Education Requirements:		18 Credits
	ENGL 1010 Introduction to Academic Writing CC	3
or	ENGH 1005 Literacies and Composition Across Contexts CC (5)	
	STAT 1040 Introduction to Statistics QL	3
or	STAT 1045 Introduction to Statistics with Algebra QL (5)	
	Humanities / Fine Arts	3
	Physical Science (Tech 1010 Recommended)	3
	Social/Behavioral Science (TECH 200G Recommended)	3
	PHIL 2050 Ethics and Values IH	3
Discipline Core Requirements:		6 Credits
	TECH 2010 Supervision in Technology	3
	IM 2010 Business Computer Proficiency	3
Discipline Elective Requirements:		9 Credits
	Complete 9 credits any course numbered 1000 or 2000	9
	Recommended Courses: ENGR 1000; CS 1030; DGM 1110	
Approved or articulated technical credits:		30 Credits

Complete 30 approved or articulated technical credits ¹	9
Notes: 1. This requirement may be satisfied by credit for prior learning (CPL), prior learning assessment (PLA) or Articulation Agreements. Up to thirty credits may be satisfied.	

Graduation Requirements:

1. Complete a minimum of 63 semester credits.
2. Overall grade point average of 2.0 (C) or above.
3. Residency hours - minimum of 20 credit hours through course attendance at UVU.
4. Completion of GE and specified departmental requirements
5. This degree MAY apply toward the BS in Technology Management, if the majority of course work is in a related technical area, and has been approved by the department to be used toward the BSTM.

Technology, A.A.S.

Careers

1. Explain technical cross-functional teams.
2. Explain complex systems and processes.
3. Apply current and emerging technologies to problem solve and support innovation.
4. Compare business concepts and data to effect change.
5. Demonstrate professional verbal and written communication skills.

Related Careers

- NO MATCH

Advanced Manufacturing, Certificate of Proficiency

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Requirements

The Certificate of Proficiency in Advanced Manufacturing is designed to provide entry-level manufacturing technician skills that are needed in expanding the manufacturing industry in Utah Valley. Although the term "advanced" might be confusing for a program providing entry-level skills, nationally this is the term that is being used. The program focuses on the basic skills used in advanced manufacturing processes expanding across the nation. The components of the certificate will include basic manufacturing skills with hands-on activities on equipment used in local facilities. Graduates of this certificate will have a basic understanding of advanced manufacturing operations with an emphasis on solving problems in the organization. While this program offers an entry-level certification for individuals pursuing a career in manufacturing, it has been designed to enable individuals the opportunity to continually expand and upgrade their applied skills as well as to maintain a thorough mastery of evolving manufacturing technologies.

Total Program Credits: 18

Discipline Core Requirements:		18 Credits
	TECH 1050 Manufacturing Processes and Systems	3
	TECH 2050 Introduction to Quality Management	3
	TECH 2010 Supervision in Technology	3
	TECH 281R Internship in Technology (1-3)	1

or	TECH 1000	Experiential Credit Portfolio Development and Assessment (2)	
	IM 2010	Business Computer Proficiency	3
	STAT 1040	Introduction to Statistics QL	3
or	STAT 1045	Introduction to Statistics with Algebra QL (5)	
or	EGDT 1600	Technical Math Algebra (3)	
	EGDT 1000	Introduction to Engineering Drawing and Technical Design	2
or	EGDT 1071	3 Dimensional Modeling--Solidworks (3)	

Graduation Requirements:

1. Completion of a minimum of 18 semester credits.
2. Minimum grade of C- required in all courses.
3. Overall grade point average of 2.0 (C) or above.
4. Residency hours: minimum of 5 credit hours through course attendance at UVU.

Advanced Manufacturing, Certificate of Proficiency Careers

1. Graduates will have the ability to apply technical and management principles in an advanced manufacturing environment to achieve operational excellence.
2. Graduates will apply technical skills such as quality assurance, risk analysis, process management, product management, and other necessary specialties in the field of technology management.

Related Careers

- Industrial Engineering Technicians

Six Sigma Green Belt, Certificate of Proficiency

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Requirements

The Six Sigma Green Belt Certificate at UVU demonstrates knowledge in quality improvement and elimination of waste or defects in production processes. It can be utilized in every aspect of business such as production, human resources, information technology, and customer service. This certificate is built into the curriculum of the Bachelor of Science in Technology Management program. Students who complete this credential have high-demand, industry-recognized skill sets.

Total Program Credits: 27

Discipline Core Requirements:			27 Credits
	TECH 3000	Introduction to Technology Management	3
	TECH 3010	Creativity Innovation and Change Management	3
	TECH 3400	Project Management WE	3
	TECH 3700	Materials Management	3
or	MGMT 3470	Lean Management Systems (3)	
	TECH 3850	Quality Management in Technology	3
or	MGMT 3070	Total Quality Management (3)	

	TECH 4000	Reliability Management	3
	TECH 4400	Advanced Project Management	3
or	MGMT 3450	Operations Management (3)	
	TECH 4910	Senior Capstone Project WE	3
Complete one of the following for 3 credits			3
	ACC 2020	Managerial Accounting (3)	
	ACC 3000	Financial Managerial and Cost Accounting Concepts (3)	
	STAT 1040	Introduction to Statistics QL (3)	
	STAT 1045	Introduction to Statistics with Algebra QL (5)	
	STAT 2040	Principles of Statistics QL (4)	
	STAT 3040	Probability and Statistics for Engineering and the Sciences (3)	
	MGMT 2240	Business Calculus (3)	
	MGMT 2340	Business Statistics I (3)	

Graduation Requirements:

1. Completion of a minimum of 27 credits.
2. Overall grade point average of 3.0 (B) or above. Students must complete each course with a grade "B" or higher.
3. Residency hours -- minimum of 7 credit hours through course attendance at UVU.

Six Sigma Green Belt, Certificate of Proficiency Careers

1. Graduates will have the ability to apply Six Sigma project management principles.
2. Graduates will have the ability to apply data-driven process improvements.

Related Careers

- Computer and Information Systems Managers
- Industrial Production Managers
- Construction Managers
- Logisticians
- Business Teachers, Postsecondary
- First-Line Supervisors of Mechanics, Installers, and Repairers
- First-Line Supervisors of Production and Operating Workers

Technology Management, Minor

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Requirements

The Technology Management Minor will provide students the opportunity to explore many aspects of technology management, including project management, quality assurance, and creativity, as well as become more aware of the issues surrounding technology. This background will also benefit such students in their quest for employment, since project management and its related skills are highly sought after by employers.

Total Program Credits: 21

Discipline Core Requirements:			15 Credits
	TECH 3000	Introduction to Technology Management	3

Technology Management

TECH 3400	Project Management WE	3
TECH 3850	Quality Management in Technology	3
TECH 4000	Reliability Management	3
TECH 4420	Organization Information Technologies	3
Elective Requirements:		6 Credits
Select 6 credits from the following:		6
TECH 3010	Creativity Innovation and Change Management (3)	
TECH 3700	Materials Management (3)	
TECH 405G	Global Ethical and Professional Issues in Technology GI (3)	
TECH 4200	Technology Marketing and Customer Relationship Management (3)	
TECH 4400	Advanced Project Management (3)	
TECH 497R	Independent Study (1-3) (May select between 1 and 4 credits)	

Technology Management, Minor Careers

1. Graduates will have the ability to apply technical and management principles in a technical environment to achieve operational excellence.
2. Graduates will earn increasing levels of leadership and technical responsibility in the workplace, exhibiting life long learning and ethical and professional integrity.
3. Graduates will apply technical skills such as quality, analysis, project management, design methods, and other necessary specialties in the field of technology management.

Related Careers

- Computer and Information Systems Managers
- Industrial Production Managers
- Construction Managers
- Logisticians
- Business Teachers, Postsecondary
- First-Line Supervisors of Mechanics, Installers, and Repairers
- First-Line Supervisors of Production and Operating Workers

Master of Science in Engineering and Technology Management, M.S.

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Requirements

The Engineering and Technology Management (ETM) program prepares engineering and technological professionals to make process-, product-, and project-oriented strategic and operational decisions and become leaders in the management of technology by providing the link between engineering, science, and management. It helps companies, research organizations, and governments to plan, develop, and implement technologies by specifically addressing real needs identified by industry leaders. Effective planning, selection, implementation, and management of technology, and the teams involved, is essential to the success of any business in today's complex and time-critical global markets. Students learn to apply proven evaluation concepts and implementation strategies to fast moving, technical management decisions that make the difference in both career and business success. Courses provide practicing engineers and managers of technical teams or projects with the knowledge, tools, and skills to manage projects, operations, organizations, and people. The program includes product

and project management, engineering management, quality and safety management, and statistical analysis to enable the graduate to be more effective in technical managerial and leadership roles in a business environment. The program is specifically tailored for professionals who want to advance their careers while still working full time. The entire program is available through distance learning as well as face to face and involves 30 credit hours of course work.

Total Program Credits: 30

Matriculation Requirements:		
Application for admission:		
<ol style="list-style-type: none"> 1. A bachelor's degree from a regionally accredited college/university, a nationally accredited program, or an international college or university recognized by a Ministry of Education 2. Overall undergraduate GPA of 3.0 or higher on a 4.0 scale from an accredited institution, or GPA of 3.0 or higher on a 4.0 scale from an accredited institution in last 60 semester hours (90 quarter hours) of undergraduate coursework 3. Three professional letters of recommendation 4. Official transcripts from all attended institutions of higher education 5. A personal statement 		
Discipline Core Requirements:		24 Credits
TECH 6010	Engineering Law and Patents	3
TECH 6400	Six Sigma Project Management	3
TECH 6420	Finance for Technical Systems	3
TECH 6430	Product Management Processes	3
TECH 6450	Engineering Economics and Project Evaluation	3
TECH 6700	Data Driven Decision Making	3
TECH 6950	Engineering and Technology Projects I	3
TECH 6960	Engineering and Technology Projects II	3
Elective Requirements:		6 Credits
Complete six credits from the following:		6
TECH 6000	Strategic Management of Technology and Innovation in Engineering (3)	
TECH 6500	Resource Management in Engineering and Technology (3)	
TECH 6710	Materials Management (3)	
TECH 679R	Special Topics in Engineering (3)	
TECH 690R	Independent Study (3)	

Graduation Requirements:

1. Complete all courses with an overall GPA of 3.0 or higher
2. A grade of "C" or higher required for all courses used to satisfy graduation requirement
3. Courses must be finished within a five-year period. No courses will apply toward graduation that are older than five years
4. Graduates may not transfer more than ten semester credit hours into this master's program. Only transfer courses approved by the graduate program faculty shall be counted as approved credit for the degree
5. A minimum of 30 credits is required

Master of Science in Engineering and Technology Management, M.S.

Careers

1. Apply a business-driven approach to engineering and technology concepts.
2. Employ product and project management with the use of rationale and effective decision making.
3. Improve company practices using current technology, analysis, and design. Upon successful completion of this program, students will be able to make strategic and operational decisions in the management of technology by providing the link between engineering, science, and management.

Technology Management, B.S.

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Requirements

The Bachelor of Science in Technology Management curriculum is designed to prepare individuals with science, business and technical skills required for the management of people and systems in technology-based industries, government agencies, and non-profit organizations. Includes instruction in computer applications, general management principles, production and operations management, project management, quality control, safety and health issues, and statistics.

Total Program Credits: 120

General Education Requirements:			35 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGH 1005	Literacies and Composition Across Contexts CC (5)	
	ENGL 2010	Intermediate Academic Writing CC	3
	STAT 1040	Introduction to Statistics QL	3
or	STAT 1045	Introduction to Statistics with Algebra QL (5)	
Complete one of the following:			3
	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	
	HIST 1700	American Civilization AS (3)	
	HIST 1740	US Economic History AS (3)	
	POLS 1000	American Heritage SS (3)	
	POLS 1100	American National Government AS (3)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
	HLTH 1100	Personal Health and Wellness TE	2
or	EXSC 1097	Fitness for Life TE (2)	
Distribution Courses:			
	Biology		3
	Physical Science		3
	Additional Biology or Physical Science (TECH 1010 recommended)		3
	Humanities		3
	Fine Arts		3

	Social/Behavioral Science (TECH 200G recommended)	3
Discipline Core Requirements:		34 Credits
IM 2010	Business Computer Proficiency	3
TECH 2010	Supervision in Technology	3
TECH 3000	Introduction to Technology Management	3
TECH 3010	Creativity Innovation and Change Management	3
TECH 301R	Technology Lecture Series	1
TECH 3400	Project Management WE	3
TECH 3850	Quality Management in Technology	3
TECH 405G	Global Ethical and Professional Issues in Technology GI	3
TECH 4420	Organization Information Technologies	3
TECH 4910	Senior Capstone Project WE	3
ACC 3000	Financial Managerial and Cost Accounting Concepts	3
HR 3430	Introduction to Human Resource Management	3
Discipline Elective Requirements:		12 Credits
Complete 12 credits from the following upper division courses:		12
TECH 3700	Materials Management (3)	
TECH 4000	Reliability Management (3)	
TECH 4200	Technology Marketing and Customer Relationship Management (3)	
TECH 4400	Advanced Project Management (3)	
TECH 481R	Internship (1-3) (Up to 3 credits may be selected)	
TECH 489R	Undergraduate Research in Technology Management (1-3)	
TECH 490R	Current Topics in Technology Management (3)	
TECH 497R	Independent Study (1-3) (Up to 4 credits may be selected)	
ENTR 3170	Entrepreneurship: Feasibility Analysis (3)	
LEGL 3000	Business Law (3)	
MGMT 3470	Lean Management Systems (3)	
ENGL 3300	Collaborative Communication for Technology Professions (3)	
Electives:		9 Credits
Complete 9 credits from any course numbered 1000 or higher:		9
Recommended courses: ENGR 1000; CS 1030; DGM 1110		
Approved or Articulated Technical Credits:		30 Credits
Complete 30 credits of approved or articulated technical credits ¹		30
Notes:		

Technology Management

1. This requirement may be satisfied by credit for prior learning (CPL), prior learning assessment (PLA) or Articulation Agreements. Up to thirty credits may be satisfied.

Graduation Requirements:

1. Completion of a minimum of 120 semester credits: a minimum of 40 credits must be upper division.
2. Overall grade point average of 2.0 (C) or above.
3. No grade lower than a C- in any TECH course.
4. Residency hours: Minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
5. Completion of General Education (GE) and specified departmental requirements.
6. Successful completion of at least one Global/Intercultural course.
7. Successful completion of at least two Writing Enriched (WE) courses.

Technology Management, B.S. Careers

Program Learning Outcomes

1. Manage and develop technical cross-functional teams.
2. Manage and develop complex systems and processes.
3. Assess current and emerging technologies to problem solve and support innovation.
4. Analyze business concepts and data to effect change.
5. Communicate with a wide range of internal stakeholders and various outside communities.

Related Careers

- Computer and Information Systems Managers
- Industrial Production Managers
- Construction Managers
- Logisticians
- Business Teachers, Postsecondary
- First-Line Supervisors of Mechanics, Installers, and Repairers
- First-Line Supervisors of Production and Operating Workers

Technology Management Graduate Programs

Theatrical Arts for Stage and Screen

DEPARTMENT CHAIR

BEENE, Lara A. Assistant Professor

FACULTY

AUGUST, Matt Assistant Professor

BEENE, Lara A. Assistant Professor

CRABB, Amanda Assistant Professor

DELAC, Jennifer Assistant Professor

GOLDEN, Elizabeth Lecturer

HALL, Lisa Professor

HARROP-PURSER, Laurie Associate Professor

HEATON, Julie Assistant Professor

HOPKIN, Ben Lecturer

KNIGHTON, Janine Sobeck Associate Professor

MOODY, Richard L. Associate Professor

NEWMAN, John Professor

PULLEN, Stephen Professor

RIMKE, Steven Lecturer

ROBINSON, Jill Lecturer

WHIPPLE, Graham Assistant Professor

Degrees & Programs

Theatre Arts, A.S.

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Requirements

The AS in Theatre Arts provides students with foundational training in Acting and Musical Theatre that prepares them to complete the Acting emphasis or Musical Theatre emphasis in the BFA Theatre Arts degree. The AS Theatre Arts degree offers classes in stagecraft and script analysis that are needed to complete the BFA core as well as acting, voice, and movement classes that are needed to complete the BFA emphases in Acting and Musical Theatre.

Total Program Credits: 60

General Education Requirements:		35 Credits
	ENGL 1010	Introduction to Academic Writing CC
or	ENGL 1005	Literacies and Composition Across Context CC (5)
	ENGL 2010	Intermediate Academic Writing CC
Complete one of the following:		3
	MAT 1030	Quantitative Reasoning QL (3) (recommended for Humanities or Arts majors)
	MAT 1035	Quantitative Reasoning with Integrated Algebra QL (6)
Complete one of the following:		3
	HIST 2700	US History to 1877 AS (3)
and	HIST 2710	US History since 1877 AS (3)

	HIST 1700	American Civilization AS (3)	
	HIST 1740	US Economic History AS (3)	
	POLS 1000	American Heritage SS (3)	
	POLS 1100	American National Government AS (3)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
	HLTH 1100	Personal Health and Wellness TE	2
or	EXSC 1097	Fitness for Life TE (2)	
Distribution Courses:			
	Biology - Choose from Distribution List		3
	Physical Science - Choose from Distribution List		3
	Additional Biology or Physical Science - Choose from Distribution List		3
	Humanities Distribution - Choose from Distribution List		3
	THEA 1013	Introduction to Theatre FF WE (3)	3
	Social/Behavioral Science - Choose from Distribution List		3
Discipline Core Requirements:			17 Credits
Complete the following:			
	THEA 1033	Acting I FF	3
	THEA 1113	Voice and Speech I	3
	THEA 1223	Makeup I	3
	THEA 1513	Stagecraft I	2
	THEA 1514	Stagecraft I Lab	1
	THEA 159R	Production Practicum for Stage and Screen I	1
	THEA 1713	Script and Text Analysis I	3
	THEA 2131	Movement for the Actor I	3
	THEA 2156	Group Voice for Theatre	1
Elective Requirements:			4 Credits
	Select any THEA course(s) 1000 level or higher for a total of 4 credits		4

Graduation Requirements:

1. Completion of a minimum of 60 semester credits.
2. Overall grade point average of 2.5 (C+) or above. (Departments may require a higher GPA.)
3. Residency hours-- minimum of 20 credit hours through course attendance at UVU.
4. Completion of GE and specified departmental requirements.

Theatre Arts, A.S.

Careers

1. Literacy: Students will have a working knowledge of theatrical history, methods, and technologies that will assist them in understanding and creating plays and other theatrical events.
2. Artistry: Students will demonstrate creative and collaborate skills in their area(s) of focus.
3. Professionalism: Students will demonstrate entry level professional competency that can be applied to their field or further study.

Related Careers

- Art, Drama, and Music Teachers, Postsecondary
- Actors
- Producers and Directors
- Entertainers and Performers, Sports and Related Workers, All Other

Theatre Studies, A.A.

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Requirements

The AA in Theatre Studies provides students with foundational courses in theatre arts in acting, stagecraft, script and text analysis, and theatre for children and youth. The AA Theatre Studies degree stacks with the BA Theatre Studies degree, which both reflect a liberal arts approach to the study of theatre. It also stacks with the BFA Theatre Design and Production emphasis.

Total Program Credits: 60

General Education Requirements:			35 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGH 1005	Literacies and Composition Across Context (5)	
	ENGL 2010	Intermediate Academic Writing CC	3
Complete one of the following:			3
	MAT 1030	Quantitative Reasoning QL (3) (recommended for Humanities or Arts majors)	
	MAT 1035	Quantitative Reasoning with Integrated Algebra QL (6)	
Complete one of the following:			3
	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	
	HIST 1700	American Civilization AS (3)	
	HIST 1740	US Economic History AS (3)	
	POLS 1000	American Heritage SS (3)	
	POLS 1100	American National Government AS (3)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
	HLTH 1100	Personal Health and Wellness TE	2
or	EXSC 1097	Fitness for Life TE (2)	
Distribution Courses:			
	Biology - Choose from Distribution List		3
	Physical Science - Choose from Distribution List		3
	Additional Biology or Physical Science - Choose from Distribution List		3
	Humanities - Choose from Distribution List		3
	THEA 1013	Introduction to Theatre FF WE	3
	Social/Behavioral Science - Choose from Distribution List		3
Discipline Core Requirements:			17 Credits

Complete the following:			
	THEA 1033	Acting I FF	3
	THEA 1513	Stagecraft I	2
	THEA 1514	Stagecraft I Lab	1
	THEA 159R	Production Practicum for Stage and Screen I	1
	THEA 1713	Script and Text Analysis I	3
	THEA 2211	Theatre for Children and Youth	3
or	THEA 2741	Scriptwriting for Stage	
	THEA 2513	Introduction to Design for Stage and Screen	3
	THEA 2514	Introduction to Design for Stage and Screen Lab	1
Elective Requirements:			8 Credits
	Complete 8 credits in the same foreign language		8

Graduation Requirements:

1. Completion of a minimum of 60 semester credits.
2. Overall grade point average of 2.5 (C+) or above. (Departments may require a higher GPA.)
3. Residency hours-- minimum of 20 credit hours through course attendance at UVU.
4. Completion of GE and specified departmental requirements.

Theatre Studies, A.A.**Careers**

1. Literacy: Students will have a working knowledge of theatrical history, methods, and technologies that will assist them in understanding and creating plays and other theatrical events.
2. Artistry: Students will demonstrate creative and collaborate skills in their area(s) of focus.
3. Professionalism: Students will demonstrate entry level professional competency that can be applied to their field or further study.

Related Careers

- Art, Drama, and Music Teachers, Postsecondary
- Actors
- Producers and Directors
- Entertainers and Performers, Sports and Related Workers, All Other

Theatre Technology, Certificate of Proficiency

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Requirements

The Certificate of Proficiency in Theatre Technology provides students with basic training in theatre technology. The department will offer the certificate for students completing beginning courses in stagecraft, costume construction, lighting and sound operation, makeup, shop and backstage procedures, basic design principles, and drafting.

Total Program Credits: 27

Discipline Core Requirements:	24 Credits
Complete the following courses:	

Theatrical Arts for Stage and Screen

THEA 1013	Introduction to Theatre FF WE	3
THEA 1223	Makeup I	3
THEA 1513	Stagecraft I	2
THEA 1514	Stagecraft I Lab	1
THEA 159R	Production Practicum for Stage and Screen I	1
THEA 2203	Costume Construction I	3
THEA 2204	Costume Construction I Lab	1
THEA 2513	Introduction to Design for Stage and Screen	3
THEA 2514	Introduction to Design for Stage and Screen Lab	1
THEA 2531	Introduction to Lighting and Sound	3
THEA 2574	Drafting for Theatre Design	3
Elective Requirements:		3 Credits
Any THEA courses 1000 or higher		3

Graduation Requirements:

1. Completion of a minimum of 27 semester credits.
2. Minimum grade of C- required in all courses.
3. Overall grade point average 2.0 (C) or above.
4. Residency hours: minimum of 12 credit hours through course attendance at UVU.

Theatre Technology, Certificate of Proficiency Careers

1. Execute basic makeup application skills for stage, including corrective, glamour, age, stylized, putty, crepe hair, and wig application.
2. Identify and demonstrate backstage skills required to plan and produce scenery, props, and lighting and sound for theatrical productions.
3. Employ costume construction technologies using a commercial pattern and demonstrate measuring and fitting techniques.

Related Careers

- Art, Drama, and Music Teachers, Postsecondary
- Set and Exhibit Designers

Theatre Studies, Minor

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Requirements

The minor in Theatre Arts serves as a supplement to students from all other disciplines to pursue their interest and cultivate their talents in theatre while pursuing a major in a high-demand field. It also helps secondary education majors in other subject areas to qualify students for a teaching endorsement in theatre. English teaching majors frequently complete a minor in theatre to enrich their teaching of plays and to help prepare them to qualify for an additional subject endorsement in theatre.

Total Program Credits: 22

Matriculation Requirements:	
1.	Admitted to a bachelor degree program at UVU.

Discipline Core Requirements:		22 Credits
Complete the following courses:		
THEA 1013	Introduction to Theatre FF WE	3
THEA 1033	Acting I FF	3
THEA 1513	Stagecraft I	2
THEA 1514	Stagecraft I Lab	1
THEA 1713	Script and Text Analysis I	3
THEA 2513	Introduction to Design for Stage and Screen	3
THEA 2514	Introduction to Design for Stage and Screen Lab	1
THEA 2741	Scriptwriting for the Stage	3
THEA 3561	Stage Management I	3
or THEA 3611	Directing Actors for Stage and Screen (3)	

Graduation Requirements:

1. Complete all theatre courses with a grade of C- or better.

Theatre Arts - Acting Emphasis, B.F.A.

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Requirements

The BFA Acting Emphasis provides conservatory-style training that allows greater depth of focus in acting performance. It requires application and audition prior to admission. The degree includes hands-on, intensive work in acting techniques for stage and screen, movement, voice, and improvisation. The degree also provides performance opportunities that prepare students for professional careers in acting.

Total Program Credits: 126

Matriculation Requirements:			
1. Admission is competitive and based on successful evaluation of student's performance audition or production portfolio.			
General Education Requirements:			35 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGH 1005	Literacies and Composition Across Contexts CC (5)	
	ENGL 2010	Intermediate Academic Writing CC	3
Complete one of the following:			3
	MAT 1030	Quantitative Reasoning QL (3)	
	MAT 1035	Quantitative Reasoning with Integrated Algebra QL (6)	
Complete one of the following:			3
	HIST 1700	American Civilization AS (3)	
	HIST 1740	US Economic History AS (3)	
	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	
	POLS 1000	American Heritage SS (3)	
Complete the following:			

	PHIL 2050	Ethics and Values IH	3
	HLTH 1100	Personal Health and Wellness TE	2
or	EXSC 1097	Fitness for Life TE (2)	
Distribution Courses:			
	Biology		3
	Physical Science (Students in the Sound track of the BFA Theatre Design & Production Emphasis are strongly recommended to take PHYS 1700 Physics of Sound)		3
	Additional Biology or Physical Science		3
	HUM 1010	Humanities Through the Arts HH	3
	THEA 1013	Introduction to Theatre FF WE (Majors only section)	3
	Social/Behavioral Science		3
Discipline Core Requirements:			28 Credits
	THEA 1033	Acting I FF	3
	THEA 1223	Makeup I	3
	THEA 1513	Stagecraft I	2
	THEA 1514	Stagecraft I Lab	1
	THEA 159R	Production Practicum for Stage & Screen I	1
	THEA 1713	Script and Text Analysis I	3
	THEA 3611	Directing Actors for Stage and Screen	3
	THEA 3721	Theatre History and Literature I WE	3
	THEA 3722	Theatre History and Literature II	3
	THEA 481R	Theatre Internship (1-8)	2
	Complete 4 credits of any THEA, MUSC, DANC, or ART course 1000 level or higher		4
Emphasis Requirements:			63 Credits
	THEA 1113	Voice and Speech I	3
	THEA 2033	Acting II	3
	THEA 2127	Voiceover Acting	3
	THEA 2131	Movement for the Actor I	3
	THEA 2156	Group Voice for Theatre	3
	THEA 3033	Acting III	3
	THEA 3113	Acting for Film	3
	THEA 3115	Improvisation I - BFA	3
	THEA 311R	Improvisation II-Performance Team - BFA	2
	THEA 3122	Voice and Speech II-BFA	3
	THEA 3123	Acting in Accent - BFA	3
	THEA 3131	Movement for the Actor II-BFA	3
	THEA 3133	Stage Combat	3
	THEA 3151	Acting for Musical Theatre I	3
	THEA 3154	Dance for Musical Theatre I	3
	THEA 319R	Performance Practicum for Stage and Screen (This is a 1 credit course to be completed 2 times)	2
	THEA 4114	Film Acting II	3
	THEA 4115	Acting Styles-BFA	3

	THEA 4117	Auditioning and the Business - BFA	3
	THEA 4119	Senior Showcase and Career Management - BFA	3
	THEA 4122	Speaking Shakespeare-BFA	3
	Complete 2 credits of any THEA, MUSC, DANC, or ART course 1000 level or higher		2

Graduation Requirements:

1. Completion of a minimum of 126 semester credits; a minimum of 40 credits must be upper division.
2. Overall grade point average of 3.0 or higher.
3. Residency hours--minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
4. Completion of GE and specified departmental requirements.
5. Successful completion of at least one Global/Intercultural course.

Theatre Arts - Acting Emphasis, B.F.A.

Careers

1. Literacy: Students will have a working knowledge of theatrical history, methods, and technologies that will assist them in understanding and creating plays and other theatrical events.
2. Artistry: Students will demonstrate creative and collaborate skills in their area(s) of focus.
3. Professionalism: Students will demonstrate entry level professional competency that can be applied to their field or further study.

Related Careers

- Art, Drama, and Music Teachers, Postsecondary
- Actors
- Producers and Directors
- Entertainers and Performers, Sports and Related Workers, All Other

Theatre Arts - Musical Theatre, B.F.A.

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Requirements

In the Bachelor of Fine Arts program, Acting students receive extensive training in acting, voice, movement, and auditioning, while Musical Theatre students receive extensive training in movement, dance, and vocal and singing technique, as well as acting. Theatre Design and Production students receive extensive design in conceptualization, stage management, costuming, lighting, makeup, scenic design, and rendering.

Total Program Credits: 128

Matriculation Requirements:			
1. Admission is competitive and based on successful evaluation of student's performance audition or production portfolio.			
General Education Requirements:			35 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGL 1005	Literacies and Composition Across Contexts CC (5)	
	ENGL 2010	Intermediate Academic Writing CC	3
Complete one of the following:			3
	MAT 1030	Quantitative Reasoning QL (3)	

Theatrical Arts for Stage and Screen

	MAT 1035	Quantitative Reasoning with Integrated Algebra QL (6)	
Complete one of the following:			3
	HIST 1700	American Civilization AS (3)	
	HIST 1740	US Economic History AS (3)	
	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	
	POLS 1000	American Heritage SS (3)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
	HLTH 1100	Personal Health and Wellness TE	2
or	EXSC 1097	Fitness for Life TE (2)	
Distribution Courses:			
	Biology		3
	Physical Science (<i>Students in the Sound track of the BFA Theatre Design & Production Emphasis are strongly recommended to take PHYS 1700 Physics of Sound</i>)		3
	Additional Biology or Physical Science Distribution		3
	HUM 1010	Humanities Through the Arts HH	3
	THEA 1013	Introduction to Theatre FF WE (Majors only section)	3
	Social/Behavioral Science		3
Discipline Core Requirements:			28 Credits
	THEA 1033	Acting I FF	3
	THEA 1223	Makeup I	3
	THEA 1513	Stagecraft I	2
	THEA 1514	Stagecraft I Lab	1
	THEA 159R	Production Practicum for Stage and Screen I	1
	THEA 1713	Script and Text Analysis I	3
	THEA 3611	Directing Actors for Stage and Screen	3
	THEA 3721	Theatre History and Literature I WE	3
	THEA 3722	Theatre History and Literature II	3
	THEA 481R	Theatre Internship (1-8)	2
	Complete 4 credits of any THEA, MUSC, DANC, or ART course 1000 level or higher		4
Emphasis Requirements:			63 Credits
	DANC 110R	Beginning Ballet	1
	DANC 120R	Beginning Modern/Contemporary Dance	1
	THEA 1113	Voice and Speech I	3
	THEA 2131	Movement for the Actor I	3
	THEA 2033	Acting II	3
	THEA 2156	Group Voice for Theatre	2
	THEA 284R	Singing Technique for Actors I - BFA (1 credit, must be repeated for 3 credits)	3
or	THEA 184R	Singing Technique for Actors I-BA (1)	
	THEA 3033	Acting III	3
	THEA 3115	Improvisation I - BFA	3

	THEA 3122	Voice and Speech II-BFA	3
	THEA 3131	Movement for the Actor II-BFA	3
	THEA 3151	Acting for Musical Theatre I	3
	THEA 3152	Acting for Musical Theatre II - BFA	3
	THEA 3154	Dance for Musical Theatre I	3
	THEA 3155	Dance for Musical Theatre II - BFA	3
	THEA 319R	Performance Practicum for Stage and Screen	3
	THEA 3725	Musical Theatre History	3
	THEA 4115	Acting Styles-BFA	3
	THEA 415R	Musical Theatre Workshop - BFA	4
	THEA 4117	Auditioning and the Business - BFA	3
	THEA 4119	Senior Showcase and Career Management - BFA	3
	THEA 484R	Singing Techniques for Actors II-BFA (1 credit, must be repeated for 4 credits)	4

Graduation Requirements:

1. Completion of a minimum of 126 semester credits; a minimum of 40 credits must be upper division.
2. Overall grade point average of 3.0 or higher.
3. Residency hours--minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
4. Completion of GE and specified departmental requirements.
5. Successful completion of at least one Global/Intercultural course.

Theatre Arts - Musical Theatre, B.F.A. Careers

1. Literacy: Students will have a working knowledge of theatrical history, methods, and technologies that will assist them in understanding and creating plays and other theatrical events.
2. Artistry: Students will demonstrate creative and collaborate skills in their area(s) of focus.
3. Professionalism: Students will demonstrate entry level professional competency that can be applied to their field or further study.

Related Careers

- Art, Drama, and Music Teachers, Postsecondary
- Actors
- Producers and Directors
- Entertainers and Performers, Sports and Related Workers, All Other

Theatre Arts - Theatre Design and Production Emphasis, B.F.A.

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Requirements

The BFA Theatre Production and Design Emphasis provides conservatory-style training that allows greater depth of focus in costume, lighting and scenic design and construction, sound design, stage management, and technical direction. It requires portfolio submission and interview prior to admission. The degree includes hands-on intensive work in theatre design, culminating in designing for a main

Theatrical Arts for Stage and Screen

season department production. The emphasis prepares students for professional careers as designers and technicians.

Total Program Credits: 126

Matriculation Requirements:			
1. Admission is competitive and based on successful evaluation of student's performance audition or production portfolio.			
General Education Requirements:			35 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGH 1005	Literacies and Composition Across Contexts CC (5)	
	ENGL 2010	Intermediate Academic Writing CC	3
Complete one of the following:			3
	MAT 1030	Quantitative Reasoning QL (3)	
	MAT 1035	Quantitative Reasoning with Integrated Algebra QL (6)	
Complete one of the following:			3
	HIST 1700	American Civilization AS (3)	
	HIST 1740	US Economic History AS (3)	
	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	
	POLS 1000	American Heritage SS (3)	
Complete the following:			
	PHIL 2050	Ethics and Values IH	3
	HLTH 1100	Personal Health and Wellness TE	2
or	EXSC 1097	Fitness for Life TE (2)	
Distribution Courses:			
	Biology		3
	Physical Science (Students in the Sound track of the BFA Theatre Design & Production Emphasis arestrongly recommended to take PHYS 1700 Physics of Sound)		3
	Additional Biology or Physical Science		3
	HUM 1010	Humanities Through the Arts HH	3
	THEA 1013	Introduction to Theatre WE (Majors only section)	3
	Social/Behavioral Science		3
Discipline Core Requirements:			28 Credits
	THEA 1033	Acting I FF	3
	THEA 1223	Makeup I	3
	THEA 1513	Stagecraft I	2
	THEA 1514	Stagecraft I Lab	1
	THEA 159R	Production Practicum for Stage and Screen I	1
	THEA 1713	Script and Text Analysis I	3
	THEA 3611	Directing Actors for Stage and Screen	3
	THEA 3721	Theatre History and Literature I WE	3
	THEA 3722	Theatre History and Literature II	3
	THEA 481R	Theatre Internship (1-8)	2

	Complete 4 credits of any THEA, MUSC, DANC, or ART course 1000 level or higher		4
Emphasis Requirements:			42 Credits
	ART 1020	Basic Drawing for Non-Majors FF	3
	ART 1650	Watercolor FF	3
	ARTH 2720	Renaissance Through Contemporary Art History FF (Students in the Sound track should take MUSC 1100; students in other tracks should take ARTH 2720)	3
or	MUSC 1100	Fundamentals of Music FF (3)	
	THEA 2203	Costume Construction I	3
	THEA 2204	Costume Construction I Lab	1
	THEA 2513	Introduction to Design for Stage and Screen	3
	THEA 2514	Introduction to Design for Stage and Screen Lab	1
	THEA 2515	Rendering for Theatre	3
	THEA 2517	Visual Concepts in Theatre	3
	THEA 257R	Assistant Practical Design	1
	THEA 3531	Lighting Design I	3
	THEA 3535	Lighting Design I Lab	1
	THEA 3541	Costume Design I	3
	THEA 3545	Costume Design I Lab	1
	THEA 3571	Scenic Design I	3
	THEA 3575	Scenic Design I Lab	1
	THEA 457R	Practical Design	2
	THEA 4981	Portfolio	1
	THEA 4995	Senior Project in Design	3
Emphasis Elective Requirements:			21 Credits
Complete 6 credits from the following			6
	DGM 2130	Digital Audio Essentials (3)	
	PHIL 3800	Aesthetics (3)	
or	HUM 3800	Aesthetics (3)	
	THEA 2574	Drafting for Theatre Design (3)	
	THEA 259R	Production Practicum for Stage and Screen II (1)	
	THEA 3514	Period Styles for Theatre Design (3)	
	THEA 3241	Storytelling (3)	
	THEA 3561	Stage Management I (3)	
	THEA 3251	Puppetry (3)	
	THEA 359R	Production Practicum for Stage and Screen III (1)	
	THEA 3625	Development and Fundraising for the Arts (3)	
	THEA 451R	Special Topics in Theatre Design and Technology (1-3)	
	THEA 4621	Theatre Administration I (3)	
	THEA 454R	Special Topics in Costume Construction (1-3)	
	THEA 457R	Practical Design (1-3)	

Theatrical Arts for Stage and Screen

	THEA 490R	Independent Study (1-3)	
Complete 15 credits from one of the following tracks			15
COSTUME TRACK			
	THEA 2541	Costume History G (3)	
	THEA 3223	Makeup II (3)	
	THEA 3542	Costume Construction II (3)	
	THEA 4546	Digital Costume Design (3)	
	THEA 4547	Costume Design II (3)	
SCENERY TRACK			
	THEA 2574	Drafting for Theatre Design (3)	
	THEA 3511	Stagecraft II (3)	
	THEA 3514	Period Styles for Theatre Design (3)	
	THEA 3573	Scenic Painting (3)	
	THEA 4577	Scenic Design II (3)	
LIGHTING TRACK			
	THEA 2574	Drafting for Theatre Design (3)	
	THEA 3514	Period Styles for Theatre Design (3)	
	THEA 3521	Sound Design I (3)	
	THEA 4535	Multimedia Design for Stage (3)	
	THEA 4537	Lighting Design II (3)	
TECHNICAL DIRECTION TRACK			
	THEA 2574	Drafting for Theatre Design (3)	
	THEA 3511	Stagecraft II (3)	
	THEA 3514	Period Styles for Theatre Design (3)	
	THEA 3521	Sound Design I (3)	
	THEA 3565	Technical Direction for the Stage (3)	
STAGE MANAGEMENT TRACK			
	THEA 3514	Period Styles for Theatre Design (3)	
	THEA 3521	Sound Design I (3)	
	THEA 3561	Stage Management I (3)	
	THEA 3625	Development and Fundraising for the Arts (3)	
	THEA 4561	Stage Management II (3)	
SOUND TRACK			
	DGM 3460	Live Sound Reinforcement (3)	
	THEA 3511	Stagecraft II (3)	
	THEA 3521	Sound Design I (3)	
	THEA 4522	Sound Design II (3)	
	THEA 3565	Technical Direction for the Stage (3)	

Graduation Requirements:

1. Completion of a minimum of 126 semester credits; a minimum of 40 credits must be upper division.
2. Overall grade point average of 3.0 or higher.
3. Residency hours--minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
4. Completion of GE and specified departmental requirements.
5. Successful completion of at least one Global/Intercultural course.

Theatre Arts - Theatre Design and Production Emphasis, B.F.A. Careers

1. Literacy: Students will have a working knowledge of theatrical history, methods, and technologies that will assist them in understanding and creating plays and other theatrical events.
2. Artistry: Students will demonstrate creative and collaborate skills in their area(s) of focus.
3. Professionalism: Students will demonstrate entry level professional competency that can be applied to their field or further study.

Related Careers

- Art, Drama, and Music Teachers, Postsecondary
- Actors
- Producers and Directors
- Entertainers and Performers, Sports and Related Workers, All Other

Theatre Education, B.S.

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Requirements

The BS in Theatre Education prepares students with core knowledge of the practice and history of theatre as well as the state and national standards for secondary school teaching and directing. Theatre courses prepare students to teach middle and high students in performance, theatre history, script analysis, and design and production. The degree includes 24 credits in pedagogy in the School of Education as well as supervised student teaching. Graduates earn Utah secondary school teaching certification and are prepared to enter careers as professional theatre teachers.

Total Program Credits: 125

Matriculation Requirements:			
		1. ENGL and MATH QL course must have a grade C or higher.	
		2. GPA of 3.0 or higher with no grade lower than a C in content area courses.	
		3. Completion of all General Education requirements and 70% of content area courses.	
		4. Pass LiveScan Criminal Background Check	
General Education Requirements:			35 Credits
	ENGL 1010	Introduction to Academic Writing CC	3
or	ENGL 1005	Literacies and Composition Across Contexts CC (5)	
	ENGL 2010	Intermediate Academic Writing CC	3
	MAT 1030	Quantitative Reasoning QL	3
or	MAT 1035	Quantitative Reasoning with Integrated Algebra QL (6)	
Complete one of the following:			3
	HIST 1700	American Civilization AS (3)	
	HIST 2700	US History to 1877 AS (3)	
and	HIST 2710	US History since 1877 AS (3)	
	HIST 1740	US Economic History AS (3)	
	POLS 1000	American Heritage SS (3)	
	POLS 1100	American National Government AS (3)	

Complete the following:			
	PHIL 2050	Ethics and Values IH	3
	HLTH 1100	Personal Health and Wellness TE	2
or	EXSC 1097	Fitness for Life TE (2)	
Distribution Courses:			
	Biology		3
	Physical Science		3
	Additional Biology or Physical Science		3
	Humanities		3
	THEA 1013	Introduction to Theatre FF WE	3
	Social/Behavioral Science		3
Discipline Core Requirements:			90 Credits
Theatre Arts Education Core Requirements. Complete the following:			
	THEA 1033	Acting I F	3
	THEA 1513	Stagecraft I	2
	THEA 1514	Stagecraft I Lab	1
	THEA 159R	Production Practicum for Stage and Screen I	1
	THEA 1713	Script and Text Analysis I	3
	THEA 2033	Acting II ¹	3
	THEA 2211	Theatre for Children and Youth	3
	THEA 2513	Introduction to Design for Stage and Screen	3
	THEA 2514	Introduction to Design for Stage and Screen Lab	1
	THEA 2741	Scriptwriting for Stage	3
	THEA 3511	Stagecraft II	3
	THEA 3561	Stage Management I	3
	THEA 3611	Directing Actors for Stage and Screen	3
	THEA 3612	Directing Actors for the Stage	3
	THEA 3721	Theatre History and Literature I WE	3
	THEA 3722	Theatre History and Literature II	3
	THEA 4200	Theatre and Drama in the Secondary School	3
Theatre Arts Education Technical Theatre Requirement. Complete 14 credits from the following courses:			14
	THEA 1223	Makeup I (3)	
	THEA 2531	Introduction to Lighting and Sound (3)	
	THEA 2574	Drafting for Theatre Design (3)	
	THEA 3514	Period Styles for Theatre Design (3)	
	THEA 3521	Sound Design I (3)	
	THEA 3531	Lighting Design I (3)	
	THEA 3535	Lighting Design I Lab (1)	
	THEA 3541	Costume Design I (3)	
	THEA 3545	Costume Design I Lab (1)	
	THEA 3571	Scenic Design I (3)	
	THEA 3575	Scenic Design I Lab (1)	
	THEA 3573	Scenic Painting (3)	

Secondary Education Licensure Requirements. Complete the following: Must be completed with a grade of B- or higher.

	EDSC 1010	Introduction to Education	2
	EDSC 3000	Educational Psychology	3
	EDSC 325G	Equitable Technology Integration GI	2
	EDSC 4200	Classroom Management I	2
	EDSC 4250	Classroom Management II	2
	EDSC 4440	Content Area Literacies	3
	EDSC 445G	Multicultural Instruction ESL GI	3
	EDSC 455G	Secondary Curriculum Instruction and Assessment GI	3
	EDSC 4850	Student Teaching Secondary	8
	EDSC 4990	Teacher Performance Assessment Project WE	2
	EDSP 340G	Exceptional Students GI	2

Notes:

- For Theatre Arts Education students, the prerequisite of THEA 1113 Voice and Speech I will be waived.

Graduation Requirements:

- Completion of a minimum of 125 semester credits, 40 of which must be upper division.
- Overall GPA of 3.0 (B) or above with no grade lower than a C in major required content courses and no grade lower than a B- in Licensure and Methods courses.
- Residency hours - minimum of 30 credit hours through course attendance at UVU, with at least 10 hours in the last 45 hours.
- Successful completion of at least one Global/Intercultural course.
- Successful completion of at least two Writing Enriched (WE) courses.

Theatre Education, B.S. Careers

- Literacy: Students will have a working knowledge of theatrical history, methods, and technologies that will assist them in understanding and creating plays and other theatrical events.
- Artistry: Students will demonstrate creative and collaborate skills in their area(s) of focus.
- Professionalism: Students will demonstrate entry level professional competency that can be applied to their field or further study.
- Students will understand the principles of teaching theatrical arts in a secondary school environment. Students will exhibit a strong understanding, knowledge and skill set for the teaching of theatrical arts in a secondary school environment to include: Content Knowledge, Pedagogical Knowledge, Instructional use of objectives, methods, outcomes, activities, strategies and technologies, Instructional Communication Skills, Assessment, Management of Classroom, Learning Environment, Professionalism, and Collaboration.

Related Careers

- Art, Drama, and Music Teachers, Postsecondary
- Actors
- Producers and Directors
- Entertainers and Performers, Sports and Related Workers, All Other

Theatrical Arts for Stage and Screen

Theatre Studies, B.A.

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Requirements

The BA in Theatre Studies is a broad-based liberal arts degree that provides a foundation in scriptanalysis, theatre history, dramatic literature, stagecraft, directing, stage management, and actingand allows students to choose courses in performance, design, and technical production,dramaturgy, film studies, scriptwriting, theatre administration, and theatre for children and youth thatwill help them to fulfill their vocational or avocational objectives or to prepare them for graduatestudies in theatre.

Total Program Credits: 120

General Education Requirements:		36 Credits
ENGL 1010	Introduction to Academic Writing CC	3
or ENGH 1005	Literacies and Composition Across Contexts CC	
ENGL 2010	Intermediate Academic Writing CC	3
Complete one of the following:		3
MAT 1030	Quantitative Reasoning QL (3)	
MAT 1035	Quantitative Reasoning with Integrated Algebra QL (6)	
Complete one of the following:		3
HIST 1700	American Civilization AS (3)	
HIST 2700	US History to 1877 AS (3)	
and HIST 2710	US History since 1877 AS (3)	
HIST 1740	US Economic History AS (3)	
POLS 1000	American Heritage SS (3)	
POLS 1100	American National Government AS (3)	
Complete the following:		
PHIL 2050	Ethics and Values IH	3
HLTH 1100	Personal Health and Wellness TE	2
or EXSC 1097	Fitness for Life TE (2)	
Distribution Courses:		
Biology		3
Physical Science		3
Additional Biology or Physical Science		3
Humanities Distribution (202G/2020 foreign language course)		4
THEA 1013	Introduction to Theatre FF WE	3
Social/Behavioral Science		3
Discipline Core Requirements:		30 Credits
THEA 1033	Acting I FF	3
THEA 1513	Stagecraft I	2
THEA 1514	Stagecraft I Lab	1
THEA 159R	Production Practicum for Stage and Screen I	1
THEA 1713	Script and Text Analysis I	3
THEA 2211	Theatre for Children and Youth	3

or	THEA 2741	Scriptwriting for Stage	
	THEA 2513	Introduction to Design for Stage and Screen	3
	THEA 2514	Introduction to Design for Stage and Screen Lab	1
	THEA 3561	Stage Management I	3
	THEA 3611	Directing Actors for Stage and Screen	3
	THEA 3721	Theatre History and Literature I WE	3
	THEA 3722	Theatre History and Literature II	3
	THEA 4981	Portfolio	1
Courselist A:			12
Complete 12 approved credits from the following courses. At least 9 of the 12 credits must be at the 3000 level or above.			12
DIRECTING COURSES:			
	THEA 3612	Directing Actors for the Stage (3)	
	THEA 3614	Directing Actors for the Screen (3)	
PERFORMANCE COURSES:			
	THEA 1113	Voice and Speech I (3)	
	THEA 184R	Singing Technique for Actors I-BA (1)	
	THEA 2033	Acting II (3)	
	THEA 2127	Voiceover Acting (3)	
	THEA 2131	Movement for the Actor I (3)	
	THEA 2156	Group Voice for Theatre (2)	
	THEA 3033	Acting III (3) ¹	
	THEA 3113	Acting for Film (3)	
	THEA 3116	Auditioning - BA (3)	
	THEA 3133	Stage Combat (3) ¹	
	THEA 3151	Acting for Musical Theatre I (3)	
	THEA 3154	Dance for Musical Theatre I (3)	
	THEA 315R	Musical Theatre Practicum (2)	
	THEA 319R	Performance Practicum for Stage and Screen (1)	
	THEA 3725	Musical Theatre History (3)	
CAPSTONE COURSE:			
	THEA 4993	Senior Project in Performance (3)	
Courselist B:			12
Complete 12 approved credits from the following courses. At least 9 of the 12 credits must be at the 3000 level or above.			12
DESIGN COURSES:			
	ART 1020	Basic Drawing for Non-Majors FF (3)	
	THEA 2541	Costume History G (3)	
	THEA 3514	Period Styles for Theatre Design (3) ¹	
	THEA 3521	Sound Design I (3)	
	THEA 4522	Sound Design II (undefined)	
	THEA 3531	Lighting Design I (3)	
	THEA 3535	Lighting Design I Lab (1)	

THEA 4537	Lighting Design II	
THEA 3541	Costume Design I (3)	
THEA 3545	Costume Design I Lab (1)	
THEA 4547	Costume Design II	
THEA 3571	Scenic Design I (3)	
THEA 3575	Scenic Design I Lab (1)	
THEA 4577	Scenic Design II (undefined)	
TECHNICAL PRODUCTION COURSES:		
DGM 2130	Digital Audio Essentials (3)	
THEA 1223	Makeup I (3)	
THEA 2203	Costume Construction I (3)	
THEA 2204	Costume Construction I Lab (1)	
THEA 2531	Introduction to Lighting and Sound (3)	
THEA 2574	Drafting for Theatre Design (3)	
THEA 3223	Makeup II (3)	
THEA 3511	Stagecraft II (3)	
THEA 3542	Costume Construction II (3)	
THEA 3565	Technical Direction for the Stage (3)	
THEA 3573	Scenic Painting (3)	
THEA 454R	Special Topics in Costume Construction (1-3)	
THEA 4561	Stage Management II (3)	
CAPSTONE COURSES:		
THEA 457R	Practical Design (1-3)	
THEA 481R	Theatre Internship (1)	
THEA 4995	Senior Project in Design (undefined)	
Courselist C:		12
Complete 12 approved credits from the following courses. At least 9 of the 12 credits must be at the 3000 level or above.		12
EXPLORATORY COURSE:		
THEA 272R	BA Seminar (1)	
DRAMATURGY COURSES:		
THEA 3711	Script and Text Analysis II (3)	
THEA 3731	Dramaturgy (3)	
THEA 374R	New Script Workshop (3)	
THEA 474R	New Play Practicum (1)	
FILM STUDIES COURSES:		
DGM 1520	Digital Cinema Production I (3)	
THEA 2311	Film History I FF (3)	
THEA 2312	Film History II (3)	
THEA 2742	Scriptwriting for the Screen WE (3)	
COMM 3110	Non Fiction Cinema History (3)	
DGM 302R	Digital Cinema Production Lecture Series-CineSkype (1) (Maximum of 3 credits toward graduation)	
DGM 3570	Storytelling for Digital Media II WE (3)	
THEA 314G	Global Cinema History GI (3)	

THEA 416R	Special Topics in Film Studies (3)	
SCRIPTWRITING COURSES:		
THEA 2742	Scriptwriting for the Screen WE (3)	
THEA 3741	Script Writing II (3)	
THEA 374R	New Script Workshop (3)	
THEA 4741	Scriptwriting III (3)	
THEA 474R	New Play Practicum (1)	
THEA 475R	Special Projects in Dramatic Writing (2-9)	
THEATRE ADMINISTRATION COURSES:		
ACC 3000	Financial Managerial and Cost Accounting Concepts (3)	
THEA 3625	Development and Fundraising for the Arts (3)	
THEA 4621	Theatre Administration I (3)	
THEA 4622	Theatre Administration II (3)	
THEATRE FOR CHILDREN AND YOUTH COURSES:		
THEA 2100	Teaching Theatre For Children FF (3)	
THEA 222R	Theatre for Young Audiences Tour (3)	
THEA 3211	Applied Theatre (3)	
THEA 3231	Creative Drama (3)	
THEA 3241	Storytelling (3)	
THEA 3251	Puppetry (3)	
CAPSTONE COURSES:		
THEA 490R	Independent Study (1-3)	
THEA 4994	Senior Project in Theatre (3)	
Elective Requirements:		18 Credits
One Foreign Language (Foreign Language 202G/2020 course fulfills Humanities Distribution) ¹		12
Any courses 1000 or higher		6
Notes:		
1. Requires additional pre-requisite courses not already included in the degree, but they could fill elective credits.		

Graduation Requirements:

1. Completion of a minimum of 120 semester credits, 40 of which must be upper division.
2. Overall grade point average of 2.5 (C+) or above.
3. Residency hours - minimum of 30 credit hours through course attendance at UVU, with at least 10 hours in the last 45 hours.
4. Successful completion of at least one Global/Intercultural course.

Theatre Studies, B.A.

Careers

1. Literacy: Students will have a working knowledge of theatrical history, methods, and technologies that will assist them in understanding and creating plays and other theatrical events.
2. Artistry: Students will demonstrate creative and collaborate skills in their area(s) of focus.
3. Professionalism: Students will demonstrate entry level professional competency that can be applied to their field or further study.

Theatrical Arts for Stage and Screen

Related Careers

- Art, Drama, and Music Teachers, Postsecondary
- Actors
- Producers and Directors
- Entertainers and Performers, Sports and Related Workers, All Other

Transportation Technologies

FACULTY

BEAN, Paul Associate Professor

BOHL, Dean Associate Professor

HASARA, Matthew Assistant Professor

JENNINGS, Trent Assistant Professor

LOW, Todd Professor

MOORE, Thomas Lecturer

ORR, Terrance Associate Professor

TAYLOR, Zachery Associate Professor

WALKER, Kent Associate Professor

WILSON, Don Associate Professor

Degrees & Programs

Automotive Power Sports, A.A.S.

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Requirements

The AAS in Automotive Power Sports is designed to train technicians in the field of maintenance and repair of personal transportation craft and multi person transportation vehicles that are currently outside the realm of automotive. The degree includes: on road alternative vehicles (side by sides), personal watercraft, All Terrain Vehicle (ATV) and Utility Terrain Vehicle (UTV), snow machines, lawn and garden systems, and motorcycle technology. Graduates will gain an in-depth understanding of alternative transportation vehicles utilizing hands-on, performance based training.

A sales and service business skills course will also aid students to acclimate from school training to a live repair facility. Students will receive training in four-stroke and two-stroke engines, continuous variable transmissions (CVT), suspension and braking systems, composite repairs, and small engine electronic systems.

Total Program Credits: 63

General Education Requirements:		17 Credits
	AUT 1260 Tech Math for Mechanics	3
or	MAT 1010 Intermediate Algebra (4)	
Complete one of the following:		3
	MKTG 220G Written Business Communication GI WE (3)	
	ENGL 1010 Introduction to Academic Writing CC (3)	
	ENGH 1005 Literacies and Composition Across Contexts CC (5)	
	Any approved Behavioral Science, Social, or Political Science Distribution Course	3
	Any approved Humanities, Fine Arts, or Foreign Language Distribution Course	3
	Any approved Physical Education, Health, Safety, or Environment Course	2
	Any approved Biology or Physical Science Distribution Course	3
Discipline Core Requirements:		46 Credits

AUT 1110	Brake Systems	2
AUT 111L	Brake Systems Lab	1
AUT 1160	Automotive Electrical Systems	2
AUT 116L	Automotive Electrical Systems Lab	1
AUT 1170	Engine Electrical Systems	2
AUT 117L	Engine Electrical Systems Lab	1
AUT 1210	Suspension and Steering Systems	2
AUT 121L	Suspension and Steering Systems Lab	1
CRT 2400	Plastic Paintless Dent Repair	2
CRT 240L	Plastic Paintless Dent Repair Lab	1
CRT 1230	Welding and Cutting	2
CRT 123L	Welding and Cutting Lab	1
PST 1110	Two Stroke Engine Systems	2
PST 1115	Two Stroke Engine Systems Lab	1
PST 1210	Four Stroke Small Engine Systems	2
PST 1215	Four Stroke Small Engine Systems Lab	1
PST 1120	Constant Velocity Transmissions and Drive Systems	2
PST 1125	Constant Velocity Transmissions and Drive Systems Lab	1
PST 2110	Snowmobile Systems	2
PST 2115	Snowmobile Systems Lab	1
PST 2120	ATV and UTV Systems	2
PST 2125	ATV and UTV Systems Lab	1
PST 2130	Small Motorcycles and Scooters	2
PST 2135	Small Motorcycles and Scooters Lab	1
PST 2230	Street and Sport Motorcycles	2
PST 2235	Street and Sport Motorcycle Lab	1
PST 2240	Outdoor Power Equipment	2
PST 2245	Outdoor Power Equipment Systems Lab	1
PST 2250	Personal Watercraft	2
PST 2255	Personal Watercraft Systems Lab	1
AUT 285R	Cooperative Correlated Class ¹	1

Notes:

1. Cooperative Education courses may be used in place of some of the laboratory or shop classes for completion of AAS requirements. Approval of the program coordinator must be secured before class enrollment.

Graduation Requirements:

1. Completion of a minimum of 63 semester credits
2. Overall grade point average of 2.0 (C) or above. (Departments may require a higher GPA.)
3. Residency hours--minimum of 20 credit hours through course attendance at UVU
4. Completion of GE and specified departmental requirements

Transportation Technologies

Automotive Power Sports, A.A.S.

Careers

1. Identify/diagnose/repair electrical and electronic systems.
2. Identify/diagnose/repair 2 and 4 stroke engine mechanical systems.
3. Identify/diagnose/repair nonstructural and structural components.
4. Identify/diagnose/repair clutching and drive train systems.
5. Identify/diagnose/repair cooling/heating systems.
6. Identify/diagnose/repair steering suspension and brake systems.
7. Identify/diagnose/repair varied fuel delivery systems.

Related Careers

- Motorboat Mechanics and Service Technicians
- Outdoor Power Equipment and Other Small Engine Mechanics

Automotive Technology, A.A.S.

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Requirements

Five options are available: a One-Year Certificate, a Two-Year Diploma, an Associated in applied Science Degree, an Associate in Science, and the Bachelor of Science in Technology Management degree.

Total Program Credits: 64

General Education Requirements:			16 Credits
	MKTG 220G	Written Business Communication GI WE	3
or	ENGL 1010	Introduction to Academic Writing CC (3)	
or	ENGL 1005	Literacies and Composition Across Contexts CC (5)	
	AUT 1260	Tech Math for Mechanics	3
or	MAT 1015	Intermediate Algebra with Integrated Review	
Any approved Humanities, Fine Arts, or Foreign Language Distribution Course			3
Any approved Behavioral Science, Social, or Political Science Distribution Course			3
Any approved Biology or Physical Science Distribution Course			3
Any approved Physical Education, Health, Safety, or Environment Course			1
Discipline Core Requirements:			48 Credits
	AUT 1110	Brake Systems	2
	AUT 111L	Brake Systems Lab	1
	AUT 1120	Manual Power Trains	2
	AUT 112L	Manual Power Trains Lab	1
	AUT 1130	Engine Repair	2
	AUT 113L	Engine Repair Lab	1
	AUT 1160	Automotive Electrical Systems	2
	AUT 116L	Automotive Electrical Systems Lab	1
	AUT 1170	Engine Electrical Systems	2
	AUT 117L	Engine Electrical Systems Lab	1

AUT 1210	Suspension and Steering Systems	2
AUT 121L	Suspension and Steering Systems Lab	1
AUT 1220	Automatic Powertrain Systems	2
AUT 122L	Automatic Transmissions and Transaxles Lab	1
AUT 1230	Engine Performance	2
AUT 123L	Engine Performance Lab	1
AUT 2110	Advanced Steering Suspension and Alignment	2
AUT 211L	Automotive Service Practicum Steering/Suspension/Alignment Lab	1
AUT 2120	Advanced Engine Performance	2
AUT 212L	Automotive Service Practicum Engine Performance Lab	1
AUT 2130	Advanced Emission Control Systems	2
AUT 213L	Automotive Service Practicum Emission Controls Lab	1
AUT 2140	Chassis Electrical and Electronics Systems	2
AUT 214L	Automotive Service Practicum Chassis Electrical and Electronics Lab	1
AUT 2210	Advanced Braking and Control Systems	2
AUT 221L	Automotive Service Practicum Brake Systems Lab	1
AUT 2220	Automatic Transmissions and Electronic Controls	2
AUT 222L	Automotive Service Practicum Transmission Controls Lab	1
AUT 2240	Heating Ventilation Air Conditioning and Refrigeration Theory	2
AUT 224L	Automotive HVAC Lab	1
AUT 2250	Electronic Fuel Management Systems	2
or AUT 2350	Electronic Diesel Fuel Management Systems (2)	
AUT 225L	Automotive Service Practicum Fuel Management Systems Lab	1

Graduation Requirements:

1. Completion of a minimum of 64 semester credits
2. Overall grade point average of 2.0 (C) or above. (Departments may require a higher GPA.)
3. Residency hours--minimum of 20 credit hours through course attendance at UVU
4. Completion of GE and specified departmental requirements

Automotive Technology, A.A.S.

Careers

1. Students will be able to demonstrate and discuss what effect wide band O2 sensors have on vehicle emissions and drivability, and how PCM input and output is interpreted.

Related Careers

- Electrical and Electronics Installers and Repairers, Transportation Equipment
- Electronic Equipment Installers and Repairers, Motor Vehicles
- Automotive Service Technicians and Mechanics

Automotive Technology, A.S.

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Requirements

Five options are available: a One-Year Certificate, a Two-Year Diploma, an Associated in applied Science Degree, an Associate in Science, and the Bachelor of Science in Technology Management degree.

Total Program Credits: 60

General Education Requirements:		35 Credits
	ENGL 1010 Introduction to Academic Writing CC	3
or	ENGL 1005 Literacies and Composition Across Context CC (5)	
	ENGL 2010 Intermediate Academic Writing CC	3
Complete one of the following:		3
	MAT 1030 Quantitative Reasoning QL (3)	
	MAT 1035 Quantitative Reasoning with Integrated Algebra QL (6)	
	STAT 1040 Introduction to Statistics QL (3)	
	STAT 1045 Introduction to Statistics with Algebra QL (5)	
	MATH 1050 College Algebra QL (4)	
	MATH 1055 College Algebra with Preliminaries QL (5)	
	MATH 1090 College Algebra for Business QL (3)	
Complete one of the following:		3
	POLS 1000 American Heritage SS (3)	
	HIST 2700 US History to 1877 AS (3)	
and	HIST 2710 US History since 1877 AS (3)	
	HIST 1700 American Civilization AS (3)	
	HIST 1740 US Economic History AS (3)	
	POLS 1100 American National Government AS (3)	
Complete the following:		
	PHIL 2050 Ethics and Values IH	3
	HLTH 1100 Personal Health and Wellness TE	2
or	EXSC 1097 Fitness for Life TE (2)	
Distribution Courses		
	Biology	3
	Physical Science	3
	Additional Biology or Physical Science	3
	Humanities	3
	Fine Arts	3
	Social/Behavioral Science	3
Discipline Core Requirements:		16 Credits
	Choose from AUT or related 1000 level or higher courses	16
Elective Requirements:		9 Credits
	Choose electives from 1000 level or higher courses	9

Graduation Requirements:

1. Completion of a minimum of 60 semester credits.
2. Overall grade point average of 2.0 (C) or above. (Departments may require higher GPA.)
3. Residency hours--minimum of 20 credit hours through course attendance at UVU.
4. Completion of GE and specified departmental requirements.

Automotive Technology, A.S.

Careers

1. Students will be able to demonstrate and discuss what effect wide band O2 sensors have on vehicle emissions and drivability, and how PCM input and output is interpreted.

Related Careers

- Electrical and Electronics Installers and Repairers, Transportation Equipment
- Electronic Equipment Installers and Repairers, Motor Vehicles
- Automotive Service Technicians and Mechanics

Collision Repair Technology, A.A.S.

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Requirements

Collision Repair Technology is a two year AAS Degree program that provides students with the ability to learn industries best practices in Surface Preparation, Nonstructural Repair, Welding, Refinishing, Color Matching, Detailing, Blending, Structural Damage Analysis, Repair and Replacement, Advanced Vehicle Systems diagnostics and repair and Plastic/Composite Repair. Students will graduate with industry certifications, such as I-Car, ASE, Mitchells, Audatex, CCC One, and Chief Training. These skills will prepare graduates for an exciting career in a field that is continually advancing in technology. There is an abundance of growth and personal development possible in this field. The program is certified by the National Automotive Teacher Education Foundation (NATEF) and uses Inter-Industry Conference on Auto Collision Repair (I-CAR) curriculum. Students will receive the latest repair technique training and have the ability to gain I-CAR certifications. Jobs are waiting for you to complete your training!

Total Program Credits: 64

General Education Requirements		16 Credits
	MKTG 220G Written Business Communication GI WE	3
or	ENGL 1010 Introduction to Academic Writing CC	
or	ENGL 1005 Literacies and Composition Across Contexts CC	
Complete one of the following:		
	AUT 1260 Tech Math for Mechanics (3)	3
or	MAT 1010 Intermediate Algebra (4)	
or	MATH 1050 College Algebra QL (4)	
or	Any higher MAT or MATH course.	
Any approved Humanities, Fine Arts, or Foreign Language Distribution Course		
Any approved Behavioral Science, Social, or Political Science Distribution Course		
Any approved Biology or Physical Science Distribution Course		

Transportation Technologies

Any approved Physical Education, Health, Safety or Environment Course			
Discipline Core Requirements:			48 Credits
AUT 1160	Automotive Electrical Systems		2
AUT 116L	Automotive Electrical Systems Lab		1
AUT 2240	Heating Ventilation Air Conditioning and Refrigeration Theory Modified Course		2
AUT 224L	Automotive HVAC Lab		1
CRT 1110	Surface Preparation		2
CRT 111L	Surface Preparation Lab		1
CRT 1120	Nonstructural Repair		2
CRT 112L	Nonstructural Repair Lab		1
CRT 1130	Overall Refinishing and Problem Solving		2
CRT 113L	Overall Refinishing and Problem Solving Lab		1
CRT 1140	Panel Replacement and Adjustment		2
CRT 114L	Panel Replacement and Adjustment Lab		1
CRT 1210	Blending Tinting and Detailing		2
CRT 121L	Blending Tinting and Detailing Lab		1
CRT 1230	Welding and Cutting		2
CRT 123L	Welding and Cutting Lab		1
or	CRT 281R	Cooperative Work Experience - Internship (1-8) ¹	
or	CRT 285R	Cooperative Correlated Class - Internship (1) ¹	
or	CRT 299R	Skills USA (1) (optional)	
	CRT 2310	Collision Damage Reporting	2
	CRT 231L	Collision Damage Reporting Lab	1
	CRT 2320	Structural Damage Analysis	2
	CRT 232L	Structural Damage Analysis Lab	1
	CRT 2330	Structural Repair	2
	CRT 233L	Structural Repair Lab	1
	CRT 2340	Full and Partial Panel Replacement	2
	CRT 234L	Full and Partial Panel Replacement Lab	1
	CRT 2400	Plastic Paintless Dent Repair	2
	CRT 240L	Plastic PaintLess Dent Repair Lab	1
	CRT 2440	Mechanical Advanced Vehicle Systems	2
	CRT 244L	Mechanical Advanced Vehicle Systems Lab	1
	CRT 2450	Bags Brakes Steering	2
	CRT 245L	Bags Brakes Steering Lab	1
	CRT 2360	Detailing and Custom Painting	2
	CRT 263L	Detailing and Custom Painting Lab	1
Notes:			

1. Cooperative Education courses may be used in place of some of the laboratory or shop classes for completion of AAS requirements. Approval of the program coordinator must be secured before class enrollment.

Diesel Mechanics Technology, A.A.S.

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Requirements

One-Year Certificate, a Diploma, the Associate in Applied Science Degree, and the Bachelor of Science in Technology Management Degree.

Total Program Credits: 63

General Education Requirements:			10 Credits
	MKTG 220G	Written Business Communication GI WE	3
Choose one of the following:			3
	AUT 1260	Tech Math for Mechanics (3)	
or	MAT 1000	Integrated Beginning and Intermediate Algebra (5)	
or	Any higher MAT or MATH course		
Any approved Behavioral Science, Social, or Political Science Distribution Course			3
Any approved Physical Education, Health, Safety or Environment Course			1
Discipline Core Requirements:			53 Credits
	DMT 1005	Basic Shop and Safety Skills	2
	DMT 1110	Diesel Engine Overhaul	4
	DMT 111L	Diesel Engine Overhaul Lab	2
	DMT 1120	Diesel Engine Operation Tune Up	4
	DMT 112L	Diesel Engine Operation Tune Up Lab	2
	DMT 1510	Electrical Systems I	4
	DMT 151L	Electrical Systems I Lab	2
	DMT 1520	Electrical Systems II	2
	DMT 152L	Electrical Systems II Lab	1
	DMT 2230	Heating Ventilation Air Conditioning and Refrigeration Theory	2
	DMT 223L	Heating Ventilation Air Conditioning and Refrigeration Lab	1
	DMT 2310	Fluid Power I Theory	4
	DMT 231L	Fluid Power I Lab	2
	DMT 2320	Fluid Power II Theory	4
	DMT 232L	Fluid Power II Lab	2
	DMT 2410	Chassis Theory	4
	DMT 241L	Chassis Lab	2
	DMT 2420	Power Train Theory	4
	DMT 242L	Power Train Lab	2
	DMT 2530	Electronic Engine Management	2

	DMT 253L	Electronic Engine Management Lab	1
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Graduation Requirements:

1. Completion of a minimum of 63 semester credits.
2. Overall grade point average of 2.0 (C) or above. (Departments may require a higher GPA.)
3. Residency hours--minimum of 20 credit hours through course attendance at UVU.
4. Completion of GE and specified departmental requirements.

Diesel Mechanics Technology, A.A.S.

Careers

1. Identify, diagnose, and repair electrical and electronic computer systems.
2. Identify, diagnose, and repair diesel engine mechanical systems.
3. Identify, diagnose, and repair drivetrain & chassis systems.
4. Identify, diagnose, and repair steering suspension & brake systems.
5. Identify, diagnose, and repair heating and cooling systems.
6. Identify, diagnose, and repair hydraulic/hydrostatic systems.
7. Identify, diagnose, and repair fuel delivery systems.
8. Display industry based communication skills.

Related Careers

- Bus and Truck Mechanics and Diesel Engine Specialists

Automotive Technology, Certificate of Completion

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Requirements

Five options are available: a One-Year Certificate, a Two-Year Diploma, an Associate in applied Science Degree, an Associate in Science, and the Bachelor of Science in Technology Management degree.

Total Program Credits: 31

Discipline Core Requirements:			31 Credits
	AUT 1110	Brake Systems	2
	AUT 111L	Brake Systems Lab	1
	AUT 1120	Manual Power Trains	2
	AUT 112L	Manual Power Trains Lab	1
	AUT 1130	Engine Repair	2
	AUT 113L	Engine Repair Lab	1
	AUT 1160	Automotive Electrical Systems	2
	AUT 116L	Automotive Electrical Systems Lab	1
	AUT 1170	Engine Electrical Systems	2
	AUT 117L	Engine Electrical Systems Lab	1
	AUT 1210	Suspension and Steering Systems	2
	AUT 121L	Suspension and Steering Systems Lab	1
	AUT 1220	Automatic Powertrain Systems	2
	AUT 122L	Automatic Transmissions and Transaxles Lab	1
	AUT 1230	Engine Performance	2

	AUT 1260	Tech Math for Mechanics	3
	MKTG 220G	Written Business Communication GI WE	3
	Any approved Behavioral Science, Social, or Political Science Distribution course		2

Graduation Requirements:

1. Completion of a minimum of 31 semester credits
2. Overall grade point average of 2.0 (C) or above. (Departments may require a higher GPA.)
3. Residency hours -- minimum of 10 credit hours through course attendance at UVU
4. Completion of specified departmental requirements

Automotive Technology, Certificate of Completion

Careers

1. Diagnose and repair charging and electronic systems.
2. Diagnose and repair braking systems.
3. Diagnose, repair, and identify drivetrain components.
4. Diagnose and repair steering and suspension components.
5. Diagnose and repair HVAC systems.
6. Diagnose and repair engine mechanical systems.
7. Diagnose and repair fuel and ignition systems.
8. Retrieve, diagnose, and flash computer systems.

Related Careers

- Electrical and Electronics Installers and Repairers, Transportation Equipment
- Electronic Equipment Installers and Repairers, Motor Vehicles
- Automotive Service Technicians and Mechanics

Collision Repair Technology, Certificate of Completion

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Requirements

One-Year Certificate, a Diploma, the Associate in Applied Science Degree, and the Bachelor of Science in Technology Management Degree. See graduation requirements in the catalog for more information.

Total Program Credits: 32

Discipline Core Requirements:			32 Credits
Complete one of the following:			3
	AUT 1260	Tech Math for Mechanics (3)	
or	MAT 1010	Intermediate Algebra (4)	
or	MAT 1050	College Algebra QL (4)	
or	Any higher MAT or MATH course		
	MKTG 220G	Written Business Communication GI WE	3
or	ENGL 1010	Introduction to Academic Writing CC (3)	
or	ENGH 1005	Literacies and Composition Across Contexts CC (3)	
	Any approved Behavioral Science, Social, or Political Science Distribution Course		2

Transportation Technologies

AUT 1160	Automotive Electrical Systems	2
AUT 116L	Automotive Electrical Systems Lab	1
AUT 2240	Heating Ventilation Air Conditioning and Refrigeration Theory	2
AUT 224L	Automotive HVAC Lab	1
CRT 1110	Surface Preparation	2
CRT 111L	Surface Preparation Lab	1
CRT 1120	Nonstructural Repair	2
CRT 112L	Nonstructural Repair Lab	1
CRT 1230	Welding and Cutting	2
CRT 123L	Welding and Cutting Lab	1
CRT 1140	Panel Replacement and Adjustment	2
CRT 114L	Panel Replacement and Adjustment Lab	1
CRT 1130	Overall Refinishing and Problem Solving	2
CRT 113L	Overall Refinishing and Problem Solving Lab	1
CRT 1210	Blending Tinting and Detailing	2
CRT 121L	Blending Tinting and Detailing Lab	1

Graduation Requirements:

1. Completion of a minimum of 32 semester credits
2. Overall grade point average of 2.0 (C) or above. (Departments may require a higher GPA.)
3. Residency hours -- minimum of 10 credit hours through course attendance at UVU

Note: Cooperative Education courses may be used in place of some of the laboratory or shop classes for completion of diploma requirements.

Collision Repair Technology, Certificate of Completion Careers

1. Identify, diagnose, and repair electrical systems.
2. Identify, diagnose, and repair nonstructural and structural damage.
3. Identify, diagnose, and repair paint refinish defects/damage.
4. Identify, diagnose, and repair HVAC system damage.
5. Identify, diagnose, and repair drivetrain damage.
6. Identify, diagnose, and repair safety and restraint systems.
7. Develop and display industry communication skills.

Related Careers

- Insurance Appraisers, Auto Damage
- Automotive Body and Related Repairers
- Automotive Glass Installers and Repairers
- Painters, Transportation Equipment

Diesel Mechanics Technology, Certificate of Completion

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Requirements

One-Year Certificate, a Diploma, the Associate in Applied Science Degree, and the Bachelor of Science in Technology Management Degree.

Total Program Credits: 32

Discipline Core Requirements:			32 Credits
DMT 1110	Diesel Engine Overhaul		4
DMT 111L	Diesel Engine Overhaul Lab		2
DMT 1120	Diesel Engine Operation Tune Up		4
DMT 112L	Diesel Engine Operation Tune Up Lab		2
DMT 2410	Chassis Theory		4
DMT 241L	Chassis Lab		2
DMT 2420	Power Train Theory		4
DMT 242L	Power Train Lab		2
MKTG 220G	Written Business Communication GI WE		3
Complete one of the following:			3
AUT 1260	Tech Math for Mechanics (3)		3
MAT 1015	Intermediate Algebra with Integrated Review (5)		
Any higher MAT or MATH course			
Any approved Behavioral Science, Social, or Political Science Distribution Course			2

Graduation Requirements:

1. Completion of a minimum of 32 credits.
2. Overall grade point average of 2.0 (C) or above. (Departments may require a higher GPA.)
3. Residency hours -- minimum of 10 credit hours through course attendance at UVU.

Diesel Mechanics Technology, Certificate of Completion Careers

1. Identify, diagnose, and repair electrical and electronic computer systems.
2. Identify, diagnose, and repair diesel engine mechanical systems.
3. Identify, diagnose, and repair drivetrain and chassis systems.
4. Identify, diagnose, and repair steering suspension & brake systems.
5. Identify, diagnose, and repair heating and cooling systems.
6. Identify, diagnose, and repair hydraulic/hydrostatic systems.
7. Identify, diagnose, and repair fuel delivery systems.
8. Display industry based communication skills.

Related Careers

- Bus and Truck Mechanics and Diesel Engine Specialists

Automotive Technology, Diploma

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Requirements

Five options are available: a One-Year Certificate, a Two-Year Diploma, an Associate in applied Science Degree, an Associate in Science, and the Bachelor of Science in Technology Management degree.

Total Program Credits: 56

Discipline Core Requirements:			56 Credits
	AUT 1110	Brake Systems	2
	AUT 111L	Brake Systems Lab	1
	AUT 1120	Manual Power Trains	2
	AUT 112L	Manual Power Trains Lab	1
	AUT 1130	Engine Repair	2
	AUT 113L	Engine Repair Lab	1
	AUT 1160	Automotive Electrical Systems	2
	AUT 116L	Automotive Electrical Systems Lab	1
	AUT 1170	Engine Electrical Systems	2
	AUT 117L	Engine Electrical Systems Lab	1
	AUT 1210	Suspension and Steering Systems	2
	AUT 121L	Suspension and Steering Systems Lab	1
	AUT 1220	Automatic Powertrain Systems	2
	AUT 122L	Automatic Transmissions and Transaxles Lab	1
	AUT 1230	Engine Performance	2
	AUT 123L	Engine Performance Lab	1
	AUT 2110	Advanced Steering Suspension and Alignment	2
	AUT 211L	Automotive Service Practicum Steering/Suspension/Alignment Lab	1
	AUT 2120	Advanced Engine Performance	2
	AUT 212L	Automotive Service Practicum Engine Performance Lab	1
	AUT 2130	Advanced Emission Control Systems	2
	AUT 213L	Automotive Service Practicum Emission Controls Lab	1
	AUT 2140	Chassis Electrical and Electronics Systems	2
	AUT 214L	Automotive Service Practicum Chassis Electrical and Electronics Lab	1
	AUT 2210	Advanced Braking and Control Systems	2
	AUT 221L	Automotive Service Practicum Brake Systems Lab	1
	AUT 2220	Automatic Transmissions and Electronic Controls	2
	AUT 222L	Automotive Service Practicum Transmission Controls Lab	1
	AUT 2240	Heating Ventilation Air Conditioning and Refrigeration Theory	2
	AUT 224L	Automotive HVAC Lab	1
	AUT 2250	Electronic Fuel Management Systems	2
or	AUT 2350	Electronic Diesel Fuel Management Systems (2)	

AUT 225L	Automotive Service Practicum Fuel Management Systems Lab	1
MKTG 220G	Written Business Communication GI WE	3
Any approved Behavioral Science, Social, or Political Science Distribution Course		2
AUT 1260	Tech Math for Mechanics	3

Graduation Requirements:

1. Completion of a minimum of 56 semester hours.
2. Overall grade point average of 2.0 (C) or above. (Departments may require a higher GPA.)
3. Completion of specified departmental requirements.

Diesel Mechanics Technology, Diploma

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Requirements

One-Year Certificate, a Diploma, the Associate in Applied Science Degree, and the Bachelor of Science in Technology Management Degree.

Total Program Credits: 61

Discipline Core Requirements:			61 Credits
	DMT 1005	Basic Shop and Safety Skill	2
	DMT 1110	Diesel Engine Overhaul	4
	DMT 111L	Diesel Engine Overhaul Lab	2
	DMT 1120	Diesel Engine Operation Tune Up	4
	DMT 112L	Diesel Engine Operation Tune Up Lab	2
	DMT 1510	Electrical Systems I	4
	DMT 151L	Electrical Systems I Lab	2
	DMT 1520	Electrical Systems II	2
	DMT 152L	Electrical Systems II Lab	1
	DMT 2230	Heating Ventilation Air Conditioning and Refrigeration Theory	2
	DMT 223L	Heating Ventilation Air Conditioning and Refrigeration Lab	1
	DMT 2310	Fluid Power I Theory	4
	DMT 231L	Fluid Power I Lab	2
	DMT 2320	Fluid Power II Theory	4
	DMT 232L	Fluid Power II Lab	2
	DMT 2410	Chassis Theory	4
	DMT 241L	Chassis Lab	2
	DMT 2420	Power Train Theory	4
	DMT 242L	Power Train Lab	2
	DMT 2530	Electronic Engine Management	2
	DMT 253L	Electronic Engine Management Lab	1
	MKTG 220G	Written Business Communication GI WE	3
	AUT 1260	Tech Math for Mechanics	3

Transportation Technologies

Any approved Behavioral Science, Social, or Political Science Distribution Course	2
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Graduation Requirements:

1. Completion of a minimum of 61 semester credits.
2. Overall grade point average of 2.0 (C) or above. (Departments may require a higher GPA.)
3. Completion of specified departmental requirements.
4. Residency hours--minimum of 20 credit hours through course attendance at UVU.

Transportation Technologies, B.A.S.

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Requirements

The Bachelor of Applied Science in Transportation Technologies offers career and technical training in advanced vehicle technologies. Courses offered are in the areas of energy storage, electric drive systems, failure analysis, fleet operations management, diesel performance, vehicle design, composites, and other advanced vehicle design technologies. Students who complete this program can expect to be high potential earners, with the ability to move throughout the technician or management arena.

Total Program Credits: 122

Matriculation Requirements:		
1. Students must complete 45 credits from a transportation-related Associate of Applied Science Degree, such as UVU's Automotive, Diesel, Collision Repair, or Power Sports, or another related program.		
General Education Requirements:		35 Credits
	ENGL 1010	Introduction to Academic Writing CC 3
	ENGL 2010	Intermediate Academic Writing CC 3
	MAT 1030	Quantitative Reasoning QL (3) 3
or	MAT 1035	Quantitative Reasoning with Integrated Algebra QL (6)
American Heritage Distribution:		3
	PHIL 2050	Ethics and Values IH 3
	HLTH 1100	Personal Health and Wellness TE 2
or	EXSC 1097	Fitness for Life TE (2)
	Biology Distributions 3	
	Physical Science Distribution 3	
	Humanities Distribution 3	
	Fine Arts Distribution 3	
	Additional Biology or Physical Science 3	
	TECH 200G	Technology and Human Life SS GI 3
Discipline Core Requirements:		21 Credits
	TT 3260	Energy Storage and Advanced Electrical 3
	TT 3450	Failure Analysis Materials Science and Treatments 3
	TT 3460	Can Bus Ladder Logic and PLC Systems 3

TT 4000	Capstone	3
TT 4260	Electric Drive Systems	3
TT 4270	Compliance EPA OSHA Others WE	3
TT 4510	Operations Management Fleet and Personnel WE	3
Elective Requirements:		21 Credits
Choose seven course from the following electives		21
TT 3126	Advanced Hydraulics (3)	
TT 3140	Vehicle Safety and Emissions (3)	
TT 3230	High Performance Engines (3)	
TT 3320	Design and Construction (3)	
TT 3350	Alternative Fuel Systems (3)	
TT 3406	High Performance Diesel Engines (3)	
TT 3500	Fabrication and Automotive Interior Design (3)	
TT 3840	Dynamometer/Data Acquisition (3)	
TT 4230	Advanced Welding Technologies and Attachment Methods (3)	
TT 4320	Noise Vibration and Harshness (3)	
TT 4400	Advanced Composites (3)	
TT 4840	Performance Tuning (3)	
ACC 3000	Financial Managerial and Cost Accounting Concepts (3)	
LEGL 3000	Business Law (3)	
TECH 4200	Technology Marketing and Customer Relationship Management (3)	

Graduation Requirements:

1. Completion of a minimum of 122 semester credits.
2. Overall grade point average of 2.0 (C) or above.
3. No grade lower than a 'C-' in any TT course.
4. Residency hours--minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
5. Completion of GE and specified departmental requirements.
6. Successful completion of at least one Global/Intercultural course.

Transportation Technologies, B.A.S.

Careers

1. Diagnose / Repair / Subsume/ Electrical & Electronic Systems
2. Diagnose / Repair / Subsume/ Transportation computer systems
3. Diagnose / Repair / Subsume/ Industry based communications systems
4. Diagnose / Repair / Subsume/ Advance vehicle systems

Related Careers

- Electrical and Electronics Installers and Repairers, Transportation Equipment
- Electronic Equipment Installers and Repairers, Motor Vehicles
- Automotive Service Technicians and Mechanics