

Course No.	Course Title	Prerequisite	CR	Semester offered
General Education Requirements				
ENGL 1010 or ENGH 1005	Introduction to Writing Literacies and Composition	Appropriate placement score ENGL 0890 or appropriate placement score	3 5	Fa/ Sp/ Su Fa/ Sp/ Su
ENGL 2010	Intermediate Writing	ENGL 1010 or ENGL 101H w/ grade of C- or better in the last 3 years	3	Fa/ Sp/ Su
MATH 1050 or MATH 1055	College Algebra or College Algebra with Preliminaries	MAT 1000 or MAT 1010 w/ grade of C or better w/in the past 2 years; or Appropriate placement by the ALEKS placement test: 38-45	4 5	Fa/ Sp/ Su Fa/ Sp/ Su
American Institutions: Complete one of the following:			3	
HIST 2700 & HIST 2710	US History to 1877 US History since 1877			Fa/ Sp/ Su
HIST 1700	American Civilization			Fa/ Sp/ Su
HIST 1740	US Economic History			Fa/ Sp/ Su
POLS 1000	American Heritage			Fa/ Sp/ Su
POLS 1100	American National Government			Fa/ Sp/ Su
Distribution Courses: (see catalog for list of approved courses)				
Personal, Professional, & Civic Growth Distribution			3	Fa/ Sp/ Su
Humanities Distribution			3	Fa/ Sp/ Su
Fine Arts Distribution			3	Fa/ Sp/ Su
Social/Behavioral Science Distribution			3	Fa/ Sp/ Su
Biology Distribution			3	Fa/ Sp/ Su
Physical Science Distribution			3	Fa/ Sp/ Su
			31	
Information Systems Core Requirements				
MGMT 2340	Business Statistics I	MATH 1050, MATH 1055, or MATH 1090 or higher, or appropriate test scores	3	Fa/ Sp/ Su
INFO 1120	Information Systems & Technology Fundamentals	IM 1010 recommended	3	Fa/ Sp/ Su
INFO 1200 or CS 1400	Computer Programming I for IS/IT or Fundamentals of Programming	MAT 1010 or MAT 1015 recommended; INFO 1120 Recommended Equivalent to high school algebra and trigonometry; (CS 1030 recommended)	3 3	Fa/ Sp/ Su Fa/ Sp/ Su
INFO 2200	Computer Programming II for IS/IT	(INFO 1200 or CS 1400 w/ C- or better) & pre- or co- MATH 1050 or higher	3	Fa/ Sp
INFO 2410	Database Fundamentals	INFO 1120 or IM 2010 recommended	3	Fa/ Sp/ Su
INFO 2420	Web Application Design	INFO 1120 or IM 1010 recommended	3	Fa/ Sp/ Su
IM 2600	Spreadsheet Applications	Mat 0990 or equivalent math knowledge; basic keyboarding skill	3	Fa/ Sp/ Su
IT 1510	Introduction to System Administration--Linux/UNIX	INFO 1120 recommended	3	Fa/ Sp/ Su
IT 2600	Data Communication Fundamentals	INFO 1120 or IT 1600 or CS 1400 recommended	3	Fa/ Sp/ Su
CYBR 2700	Information Security Fundamentals	IT 2600 or CS 2600, IT 1600 recommended	3	Fa/ Sp/ Su
INFO 3130	Introduction to Applied Data Analytics	(MGMT 2340 or STAT 1040 or STAT 1045 or STAT 2040 or STAT 2050 or PSY 3110), basic knowledge of Microsoft Excel, or Dept. Approval, UAS	3	Fa/ Sp/ Su
INFO 3300	Web Systems Development	(INFO 1200 or IT 1200 or CS 1400) & (INFO 2410 or CS 3520) both w/ a C- or better in last 7 years. UAS. INFO 2420 recommended	3	Fa/ Sp/ Su
INFO 3410	Database Systems and Warehousing	INFO 2410 or CS 3520 w/ grade C- or better, UAS	3	Fa/ Sp/ Su
INFO 3430	Systems Analysis and Design	(INFO 2410 and (INFO 2420 or IT 2700)) or (IM 2600 and IM 2800) each w/ grade C- or higher in last 7 years, and (MKTG 220G or ENGL 2100), UAS	3	Fa/ Sp/ Su
INFO 4050G	Global Ethical & Professional Perspectives in IS/IT	INFO 3430, UAS	3	Fa/ Sp/ Su
INFO 4430	Systems Design and Implementation (*take semester after INFO 3430)	INFO 3430, UAS	3	Fa/ Sp/ Su
Business Foundations Requirements				
ACC 2110	Principles of Accounting I	ENGL 1010 or ENGH 1005 or higher with a C- or better and MATH 1010 or higher with C- or better or appropriate test score	3	Fa/ Sp/ Su
MKTG 2200G	Written Business Communication		3	Fa/ Sp/ Su
MGMT 3000	Organizational Behavior	MKTG 220G or ENGL 2010, UAS	3	Fa/ Sp/ Su
MKTG 3600	Principles of Marketing	UAS	3	Fa/ Sp/ Su
Business Elec.	Any 3-credit 1000 or 2000 level course from ACC, ECON, FIN, MGMT, HR, or MKTG		3	Fa/ Sp/ Su
Complete any 1000-level, or higher, courses:			5	
Discipline Core Requirements Total Credits			68	

Fall 2025 Catalog Year

Application Development Emphasis				
Emphasis Requirements: (15 credits)				
INFO 3330	Client-Side Web Development	(INFO 1200 or IT 1200 or CS 1400) & (INFO 2410 or CS 3520) both w/ a C- or better, UAS, INFO 2420 recommended	3	Fa/ Sp
INFO 3360	Server-Side Web Frameworks	(INFO 1200 or IT 1200 or CS 1400) & (INFO 2410 or CS 3520) both w/ a C- or better, Pre or Corequisite INFO 3300, UAS, INFO 2200 recommended	3	Fa/ Sp
INFO 4300	Enterprise Web Development	INFO 3300, UAS	3	Spring
INFO 4420	Mobile Application Development	(INFO 1200 or CS 1400) & (INFO 2410 or CS 3520), UAS, INFO 2200 or CS 1410 recommended	3	Fall
CYBR 4350	Web and Application Security	CYBR/IT 2700 or CS 2550, Pre- or Co- (INFO 3300 or CS 3520), UAS	3	Fa/ Sp
Emphasis Elective Requirements: Choose 9 credit hours from the following:			9	
INFO 4120	Data Visualization	INFO 2410, UAS, INFO 3130 recommended	3	Fa/ Sp
INFO 4810R	Internship	One 3000+ course in INFO, IT, MKTG, or MGMT, Dept. Approval, UAS	1 to 3	Fa/ Sp/ Su
CS 2550	Web Programming I	CS 1410 or DWDD 2720 or INFO 1200	3	Fa/ Sp/Su
CS 3270	Python Software Development	CS 2420 or INFO 2200, UAS	3	Fa/ Sp
CS 3410	Human Factors Software Development	UAS	3	Fa/ Sp
CS 3660	Web Programming II	CS 2420, CS 2550, UAS, (CS 3520 recommended)	3	Fa/ Sp/ Su
Other approved upper-division Information Systems courses				
			ADEV Emphasis Total Credits	24
			BS in Information Systems w/ App Dev Total Credits	123

Business Intelligence Systems Emphasis				
Emphasis Requirements: (12 credits)				
MGMT 3345	Business Statistics II	MGMT 2340 or STAT 2040, UAS	3	Fa/ Sp/ Su
INFO 4120	Data Visualization	INFO 2410, UAS, INFO 3130 recommended	3	Fa/ Sp
INFO 4130	Data Science and Big Data Analytics	INFO 3130, UAS	3	Fa/ Sp
CYBR 4150	Data Security Analytics	CYBR/IT 2700, INFO 2410, UAS, (INFO 3130 & INFO 3410 recommended)	3	Fa/ Sp
Emphasis Elective Requirements: Choose 12 credit hours from the following:			12	
IM 3600	Advanced Excel for Decisions	IM 2010 or IM 2600, UAS		Fall
INFO 3120	Management Information Systems	(MKTG 220G OR ENGL 2010) and (Computer Proficiency or INFO 1120 or IM 2010 or IM 2600 w/ a C- or better) or dept. approval, UAS		Spring
INFO 3330	Client-Side Web Development	(INFO 1200 or IT 1200 or CS 1400) & (INFO 2410 or CS 3520) both w/ a C- or better, UAS, INFO 2420 recommended		Fa/ Sp
INFO 3360	Server-Side Web Frameworks	(INFO 1200 or IT 1200 or CS 1400) & (INFO 2410 or CS 3520) both w/ a C- or better, Pre or Corequisite INFO 3300, UAS, INFO 2200 recommended		Fa/ Sp
INFO 4300	Enterprise Web Development	INFO 3300, UAS		Spring
INFO 4410	Database Administration	(INFO 2410 or CS 3520), UAS		Fa/ Sp
INFO 4420	Mobile Application Development	(INFO 1200 or CS 1400) & (INFO 2410 or CS 3520), UAS, INFO 2200 or CS 1410 recommended		Fall
CYBR 4250	Database Security and Auditing	(INFO 3410 or CYBR/IT 3700), UAS		Spring
CYBR 4350	Web and Application Security	CYBR/IT 2700 or CS 2550, UAS, Pre or Corequisite: INFO 3300 or CS 3520		Fa/ Sp
MKTG 3300	Marketing Data Science	UAS		Fa/ Sp/ Su
Other approved upper-division Information Systems courses				
			BIS Emphasis Total Credits	24
			BS in Information Systems w/ BUIS Total Credits	123

Information Security Management Emphasis				
Emphasis Requirements: (15 credits)				
INFO 4410	Database Administration	(INFO 2410 or CS 3520), UAS	3	Fa/ Sp
CYBR 4150	Data Security Analytics	CYBR/IT 2700, INFO 2410, UAS, (INFO 3130 & INFO 3410 recommended)	3	Fa/ Sp
CYBR 4250	Database Security and Auditing	(INFO 3410 or CYBR/IT 3700), UAS	3	Spring
CYBR 4350	Web and Application Security	CYBR/IT 2700 or CS 2550, UAS, Pre or Corequisite: INFO 3300 or CS 3520	3	Fa/ Sp
CYBR 4700	Enterprise Cybersecurity Management	CYBR/IT 2700, UAS, Pre or Corequisite: INFO 3430	3	Fa/ Sp/ Su
Emphasis Elective Requirements: Choose 9 credit hours from the following:			9	
CYBR 3350	Intellectual Property and Cyber Law	ENGL 2010 and (INFO 1120 or CS 1030 or LEGL 3000), UAS		Fall
IT 4750	Information Technology Operations Capstone	IT 4600, CYBR/IT 4700, UAS		Fa/ Sp
INFO 3330	Client-Side Web Development	(INFO 1200 or IT 1200 or CS 1400) & (INFO 2410 or CS 3520) both w/ a C- or better, UAS, INFO 2420 recommended		Fa/ Sp
INFO 3360	Server-Side Web Frameworks	(INFO 1200 or IT 1200 or CS 1400) & (INFO 2410 or CS 3520) both w/ a C- or better, Pre or Corequisite INFO 3300, UAS, INFO 2200 recommended		Fa/ Sp/ Su
INFO 4300	Enterprise Web Development	INFO 3300, UAS		Spring
INFO 4810R	Internship	One 3000+ course in INFO, IT, MKTG, or MGMT, Dept. Approval, UAS		Fa/ Sp/ Su
Other approved upper-division Information Systems courses				
			ISM Emphasis Total Credits	24
			BS in Information Systems w/ ISM Total Credits	123

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.
6.	Completion of at least two Writing Enriched (WE) courses.