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)	
	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)	

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	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. *Graduation Plan*

This graduation plan is a sample plan and is intended to be a guide. Your specific plan may differ based on your Math and English placement and/or transfer credits applied. You are encouraged to meet with an advisor and set up an individualized graduation plan in Wolverine Track.

Semester 1	Course Title	Credit Hours
ENGL 1010	Introduction to Academic Writing CC	3
MATH 1050 or MATH 1055	College Algebra QL or College Algebra with Preliminaries QL	4
Social/Behavioral Science Distribution		3
INFO 1120	Information Systems and Technology Fundamentals	3
INFO 2410	Database Fundamentals	3
	Semester Total:	16
Semester 2	Course Title	Credit Hours
ENGL 2010	Intermediate Academic Writing CC	3
INFO 1200 or CS 1400	Computer Programming I for IS IT or Fundamentals of Programming	3
IT 2600 or CS 2600	Data Communication Fundamentals or Computer Networks I	3
Group Elective		3
Group Elective		3
	Semester Total:	15
Semester 3	Course Title	Credit Hours
Biology or Physical Science		3
IT 2700	Information Security Fundamentals	3
Group Elective		3
Group Elective		3
Group Elective		3
	Semester Total:	15
Semester 4	Course Title	Credit Hours
PHIL 2050	Ethics and Values IH	3
Humanities/Fine Arts/Foreign Language		3
HLTH 1100 or EXSC 1097	Personal Health and Wellness TE or Fitness for Life TE	2
MGMT 2340 or STAT 2050	Business Statistics I or Introduction to Statistical Methods	3
Group Elective		3
Group Elective		3
	Semester Total:	17
	Degree Total	63