

Information Systems and Technology, A.A.S.

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	3
or	ENGL 1005	Literacies and Composition Across Contexts (5)	
MATHEMATICS			
	MATH 1050	College Algebra	4
or	MATH 1055	College Algebra with Preliminaries (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	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	2
or	PES 1097	Fitness for Life (2)	
Discipline Core Requirements:		21 Credits	
Written Communication Requirement:			
	ENGL 2010	Intermediate Writing Academic Writing and Research	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 WE (3)	
INFORMATION TECHNOLOGY			
	INFO 2200	Computer Programming II for IS/IT (3)	
	INFO 2420	Web Application Design (3)	

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	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)	
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:

¹ENGL 2310 recommended for BS in Information Technology degree future students.

²CJ 1010 recommended for BS Information Technology degree future students with the Computer Forensics and Security emphasis. ECON 2010 recommended for BS Information Systems degree future students.

³PHYS 2010 and PHYS 2015 recommended for BS Information Technology degree future students.

⁴If 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.

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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](#).

Milestone courses (pre-requisites for a course in one of the subsequent semesters) are marked in red and italicized.

Semester 1	Course Title	Credit Hours
<i>ENGL 1010</i>	Introduction to Academic Writing	3
<i>MATH 1050</i> or <i>MATH 1055</i>	College Algebra or College Algebra with Preliminaries	4
INFO 1120	Information Systems and Technology Fundamentals	3
INFO 2410	Database Fundamentals	3
Social/Behavioral Science Distribution		3
Semester Total:		16
Semester 2	Course Title	Credit Hours
ENGL 2010	Intermediate Writing Academic Writing and Research	3
INFO 1200	Computer Programming I for IS/IT	3
<i>IT 2600</i>	Data Communication Fundamentals	3
GROUP		3
GROUP		3
Semester Total:		15
Notes: Students need to work with the department advisor to select either the Information Systems or Information Technology track for their GE, core, and electives. This plan is designed for students who intend to pursue a BS in Information Technology. See advisor for AAS plan if student intends to pursue BS in Information Systems.		
Semester 3	Course Title	Credit Hours
Biology or Physical Science	PHYS 2010 and 2015 recommended	3
IT 2700	Information Security Fundamentals	3
GROUP		3
GROUP		3
GROUP		3
Semester Total:		15
Notes: Students need to work with the department advisor to select either the Information Systems or Information Technology track for their GE, core, and electives. This plan is designed for students who intend to pursue a BS in Information Technology. IT students should also take PHYS 2015 Physics Lab. See advisor for AAS plan if student intends to pursue BS in Information Systems.		
Semester 4	Course Title	Credit Hours
MGMT 2340	Business Statistics I	3
ENGL 2310	Technical Communication	3
GROUP		3
GROUP		3

HLTH 1100 or PES 1097		2
PHIL 2050		3
Semester Total:		17
Notes: Students need to work with the department advisor to select either the Information Systems or Information Technology track for their GE, core, and electives. This plan is designed for students who intend to pursue a BS in Information Technology. IT students should also take PHYS 2015 Physics Lab. See advisor for AAS plan if student intends to pursue BS in Information Systems.		
Degree Total		63