

Fall 2025 Catalog Year

SMITH COLLEGE OF ENGINEERING & TECHNOLOGY INFORMATION SYSTEMS AND TECHNOLOGY DEPARTMENT Associate in Applied Science Degree

Information Systems and Technology

Course No.	Course Title	Prerequisites	Cred	Sem
	General Education and Wri	tten Communication Requirements		
ENGL 1010 or	Introduction to Writing	Appropriate placement score	3	Fa/ Sp/ Su
ENGH 1005	Literacies and Composition	ENGH 0890 or appropriate placement score	5	Fa/ Sp/ Su
MATH 1050 or	College Algebra or College	MAT 1010 or MAT 1015 w/grade of C or better w/in the past 2 years; or	4	Fa/ Sp/ Su
MATH 1055	Algebra with Preliminaries	Appropriate placement by the ALEKS placement test: 38-45	5	Fa/ Sp/ Su
Humanities/Fin	e Arts/Foreign Language (see distribution list) (if plan to pursu	e BS in IT or Cybersecurity, take ENGL 2100)	3	Fa/ Sp/ Su
Social/Behavioral Science			3	Fa/ Sp/ Su
	ical Science Distribution		3	Fa/Sp/Su
General Education Requirements Total Credits			16	., .,,
	Discipline	Core Requirements		
ENGL 2010		ENGL 1010 or ENGL 101H w/grade of C- or better	3	Fa/ Sp/ Su
STAT 2050 OR	-	MATH 1050 or 1055 w/grade C or better w/in last 2 years	4	Fa/ Sp/ Su
MGMT 2340		MATH 1050 or 1055 or 1090	3	Fa/ Sp/ Su
INFO 1120	Information Systems and Technology Fundamentals	IM 1010 recommended	3	Fa/ Sp/ Su
INFO 1200 OR		MAT 1010 or MAT 1015 recommended; INFO 1120 Recommended	2	
CS 1400	Programming	Equivalent of 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/grade C- or better w/in last 7 years, Pre- or co- MATH 1050 or higher	3	Fa/ Sp
INFO 2410	Database Fundamentals	INFO 1120 or IM 2010 recommended	3	Fa/ Sp/ Su
IT 2600 or	Data Communication Fundamentals or	INFO 1120 or IT 1600 or CS 1400 recommended	3	Fa/ Sp/ Su
CS 2600	Computer Networks I	CS 2810 or (INFO 1200 and IT 1600)	3	Fa/ Sp
CYBR 2700	Information Security Fundamentals	IT 2600 or CS 2600; IT 1600 recommended	3	Fa/ Sp/ Su
		Discipline Core Total Credits	24	
	Elective	e Requirements		
Choose 18 cred	lits from either the Info Systems or Info Tech group			
Information Sys	stems(substitutions will be allowed since less than 6 classes	listed):		
MKTG 2200G	Written Business Comm		3	Fa/ Sp/ Su
IM 2600	Spreadsheet Applications	Mat 0990 or equivalent math knowledge; basic keyboarding skill	3	Fa/ Sp/ Su
INFO 2420	Web Application Design	INFO 1120 or IM 1010 recommended	3	Fa/ Sp/ Su
IT 1200	Scripting for Administrators	MAT 1010 or higher; (INFO 1120 recommended)	3	On demand
Information Te	chnology:			
INFO 2420	Web Application Design	INFO 1120 or IM 1010 recommended	3	Fa/Sp/Su
IT 1200	Scripting for Administrators	MAT 1010 or higher; (INFO 1120 recommended)	3	On demand
IT 1510	Introduction to Systems AdministrationLinux/UNIX	INFO 1120 recommended	3	Fa/ Sp/ Su
IT 1600		INFO 1120 recommended	3	Fa/ Sp/ Su
IT 2400	Voice and Data Cabling Fundamentals	INFO 1120 or INFO 1200 or CS 1030 or CS 1400	3	Fa/ Sp
IT 2530		IT 1600	3	Fa/Sp
IT 2900R	Current Topics and Information Technology	Departmental Approval	3	On demand
CYBR 2800	Computer Forensic Fundamentals	INFO 1120 or IT 1600 or CS 1400 or CJ 1010	3	Fa/ Sp/ Su
		Elective Requirements Credits	18	
Complete any 1	.000-level, or higher, courses:	•	5	
	- · · ·	Total Credits Required for Degree	63	
	Graduati	on Requirements		
1.	Completion of a minimum of 63 semester credits.			
2.	Overall grade point average 2.0 or above with a minimum of 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.			
,	Completion of GE and specified departmental requirements. Students are responsible for completing all prerequisite courses.			
4.	Completion of GE and specified departmental requirements. Studen	nts are responsible for completing all prerequisite courses.		

Not all courses are taught every semester.

The UVU catalog contains the descriptions and prerequisites for all courses.