



# Fall 2025 Catalog Year

SMITH COLLEGE OF ENGINEERING & TECHNOLOGY  
INFORMATION SYSTEMS AND TECHNOLOGY DEPARTMENT  
**BACHELOR OF SCIENCE DEGREE**  
Information Management

Course No.	Course Title	Prerequisite	CR	Sem offered
<b>General Education Requirements</b>				
ENGL 1010 or ENGH 1005	Introduction to Writing or Literacies and Composition	Appropriate placement score	3	Fa/ Sp/ Su
ENGL 2010	Intermediate Writing	ENGL 1010 or ENGL 101H w/ grade of C- or better in the last 3 years	5	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	3	Fa/ Sp/ Su
<b>American Institutions: Complete one of the following:</b>			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
POLS 1000	American Heritage			Fa/ Sp/ Su
POLS 1100	American National Government			Fa/ Sp/ Su
<b>Complete the following:</b>				
ECON 2010	Principles of Economics I (fulfills social science dist.)	Math 1050, Math 1055, Math 1090 or higher or appropriate test score	3	Fa/ Sp/ Su
<b>Distribution Courses: (see catalog for list of approved courses)</b>				
Personal, Professional, & Civic Growth Distribution			3	Fa/ Sp/ Su
Fine Arts Distribution			3	Fa/ Sp/ Su
Humanities Distribution			3	Fa/ Sp/ Su
Biology Distribution			3	Fa/ Sp/ Su
Physical Science Distribution			3	Fa/ Sp/ Su
<b>General Education Requirements Total Credits</b>			<b>31</b>	
<b>Information Management Core Requirements</b>				
IM 1010	Basic Computer Applications	basic keyboarding skills	3	Fa/ Sp
IM 2100	Document Processing Applications	basic keyboarding skills	3	Fa
IM 2300	Information Management Principles		3	Fa
IM 2500	Graphic Applications		3	Fa
IM 2600	Spreadsheet Application	MAT 0990 or equivalent business math knowledge; basic keyboarding skills	3	Fa/ Sp/ Su
IM 3700	Database Applications	basic keyboarding skills	3	Spring
IM 4810R	Internship--3 credits	Instructor approval & UAS	3	Fa/ Sp/ Su
INFO 1120	Information Systems & Technology Fundamentals	IM 1010 recommended	3	Fa/Sp/Su
INFO 1200	Computer Programming I for IS/IT	MAT 1010 or MAT 1015 recommended; INFO 1120 recommended	3	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 INFO 1200 or IT 1600 recommended	3	Fa/ Sp/ Su
INFO 2420	Web Application Design	INFO 1120 or IM 1010 recommended	3	Fa/ Sp/ Su
INFO 3430	Systems Analysis and Design	INFO 2410, and (INFO 2420 or IT 2700) or (IM 2600 and IM 2800) 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
ACC 2110	Principles of Accounting I	ENGL 1010 or ENGH 1005 with a C- or better and MATH 1010 with C- or better or appropriate test score	3	Fa/ Sp/ Su
FIN 1060	Personal Finance		3	Fa/ Sp/ Su
HR 3430	Introduction to Human Resource Management	ENGL 2010 & UAS	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
MKTG 2200G	Written Business Communication		3	Fa/ Sp/ Su
TECH 3400	Project Management	UAS	3	Fa/Sp/Su
TECH 4400	Advanced Project Management	TECH 3400 w/ a C- or higher, UAS	3	Fall
<b>Discipline Core Requirements Total Credits</b>			<b>66</b>	
<b>Complete one of the following domains:</b>				
<b>Business Intelligence Domain (Need STATS Class)</b>				
<b>Domain Requirements (9 credits):</b>				
INFO 3120	Management Information Systems	(MKTG 2200 OR ENGL 2010) and (Computer Proficiency or INFO 1120 or IM 2010 or IM 2600 w/ a C- or better), UAS, or dept. approval	3	Spring
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, UAS, INFO 2420 recommended	3	Fa/ Sp/ Su
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 4120	Data Visualization	INFO 2410, UAS, INFO 3130 recommended	3	Fa/Sp
INFO 4130	Data Science and Big Data Analytics	INFO 3130 and UAS	3	Fa/Sp

## Fall 2025 Catalog Year

Domain Options Continue Below:				
Digital Marketing Domain				
<b>Domain Requirements (9 credits):</b>				
IM 1000	E-Commerce	Basic Computer Proficiency or IM 1010 strongly recommended	3	On sufficient demand
CYBR 3350	Intellectual Property and Cyber Law	Engl 2010 and (INFO 1120 or CS 1030 or LEGL 3000), UAS	3	Fall
MKTG 3660	Digital Marketing	UAS; MKTG 3600 Recommended	3	Fa/ Sp/ Su
MKTG 3680	Marketing with Social Media	UAS; MKTG 3600 and MKTG 3660 are recommended	3	Fa/ Sp/ Su
MKTG 3685	Content Marketing	UAS; MKTG 3660 Recommended	3	Fa/Sp
Mobile Design and Development Domain (Need STATS Class)				
<b>Domain Requirements (9 credits):</b>				
DGM 1110	Digital Media Essentials I		4	Fa/ Sp/ Su
DWDD 2410	Interaction Design	DWDD 1410	3	Fa/Sp
DWDD 1430	Principles of Digital Design	DWDD 1400	3	Fa/Sp
INFO 3130	Introduction to Applied Data Analytics	(MGMT 2340 or STAT 1040 or STAT 1045 or STAT 2040 or <b>STAT 2050</b> 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, UAS, INFO 2420 recommended	3	Fa/ Sp/ Su
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 4420	Mobile Application Development	(INFO 1200 or CS 1400) & (INFO 2410 or CS 3520), UAS, INFO 2200 recommended	3	Fall
Programming Domain				
<b>Domain Requirements (9 credits):</b>				
IT 1200	Scripting for Administrators	MAT 1010 or higher; INFO 1120 recommended	3	On sufficient demand
IT 1510	Introduction to System Administration--Linux/UNIX	INFO 1120 recommended	3	Fa/ Sp/ Su
IT 1600	Computer Arch Sys Software	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
Web Systems Development Domain				
<b>Domain Requirements (9 credits):</b>				
INFO 3300	Web Systems 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/ Su
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
CYBR 4350	Web Application Security	IT 2700, UAS, Pre or Corequisite: INFO 3300	3	Fa/Sp
INFO 4300	Enterprise Web Development	INFO 3300, UAS	3	Spring
<b>Complete at least 3 Information Management Electives (9 credits): see catalog for list of approved courses</b>			9	
			<b>IM Domian and Electives</b>	<b>18</b>
<b>Complete any 1000-level, or higher, courses:</b>				<b>5</b>
			<b>BS in Information Management w/ IM Total Credits</b>	<b>120</b>
Graduation Requirements				
1.	Completion of at least 120 semester credits required in the BS degree; <b>at least 40 credit hours must be upper-division courses.</b>			
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.			