Below is the natural sequence of Information Technology program courses designed for students to register per semester. Other degree requirements and comprehensive details are to be found in the AUIS Academic Catalog.

Course Code and Title	Credits	Prerequisite(s)	✔
1st Semester			
CSC 101 - Computer Science and IT Applications (Core)	3	None	
MTH 101 - College Algebra (Core)	3	None	
ENG 101 - Argumentation (Core)	3	None	
CIV 101 - Civilization I: The Ancient World (History) (Core)	3	None	
SCI 101 + SCIL101 - Life Science + Life Science Lab (Core)	3	None	
Total Credits	**15**		
2nd Semester			
SCI 102 - Physical Science (Core)	3	MTH 101	
ENG 102 - Critical Reading and Writing (Core)	3	ENG 101	
STT 201 - Statistics (Core)	3	MTH 101	
MTH 235 - Discrete Mathematics (Core)	3	MTH 101	
Social Science OR Humanities (Core Option)*	3	Subject to course selection	
Total Credits	**15**		
3rd Semester			
ITE 202 - IT Systems (Major)	3	CSC 101	
ENG 203 - Research (Core)	3	ENG 102	
CIV 203 - Civilization III: The Ancient World (Humanities) (Core)	3	30 Earned Credits	
Math and Science (Core Option)**	3	15 Earned Credits	
Life Science (Core Option)***	3	Subject to course selection	
Total Credits	**15**		
4th Semester			
ITE 301 - Data Communications and Networks (Major)	3	ITE 202	
ITE 304 - Fundamentals of Web Systems (Major)	3	ITE 202	
ITE 306 - Computing Platforms (Major)	3	ITE 202	
CIV 204 - Civilization IV: The Modern World (Humanities) (Core)	3	CIV 203	
Minor/Elective Course	3	Subject to course selection	
Total Credits	**15**		
5th Semester			
ITE 303 - Introduction to Programming (Major)	3	ITE 202 and MTH 235	
ITE 305 - Database Management Systems (Major)	3	ITE 202	
ITE 308 - IT Project Management (Major)	3	ITE 301	
IT Elective 1 (Major Requirement)	3	Subject to course selection	
IT Elective 2 (Major Requirement)	3	Subject to course selection	
Total Credits	**15**		
6th Semester			
ITE 401 - Advanced Computer Networks (Major)	3	ITE 301	
ITE 404 - Web Application Programming (Major)	3	ITE 304, ITE 303, and ITE 305	
ITE 406 - Professional Ethics and Communications (Major)	3	ITE 308	
ITE 408 - Interaction Design (Major)	3	ITE 304 and ITE 308	
Minor/Elective Course	3	Subject to course selection	
Total Credits	**15**		
7th Semester			

ITE 403 - Information Security (Major)	3	ITE 301 and ITE 308	
ITE 407 - Advanced Database Management Systems (Major)	3	ITE 303 and ITE 305	
ITE 409 - Advanced Programming (Major)	3	ITE 303	
ITE 411 - IT Capstone Project I (Major)	3	ITE 306 and ITE 308	
Minor/Elective Course	3	Subject to course selection	
Total Credits	**15**		

8th Semester

ITE 412 - IT Capstone Project II (Major)	3	Last Semester	
IT Elective 3 (Major Requirement)	3	Subject to course selection	
IT Elective 4 (Major Requirement)	3	Subject to course selection	
Minor/Elective Course	3	Subject to course selection	
Minor/Elective Course	3	Subject to course selection	
Total Credits	**15**		

Program Credits

Core	45 credits (15 courses)
Major	48 credits (16 courses)
Minor (or General Electives)	15 credits (5 courses)
Major Electives	12 credits (4 courses)
Total	120 credits (40 courses)

General Tips and Recommendations

* Eligible courses: ECO 201, ART, LIT, ENG, POL, HIST, PHI, or GEO up to 300 level

** Eligible courses: MTH 340 - Linear Algebra with 15 Earned Credits as Prerequisite

*** Eligible courses: BIO, SCI, PHYS, or CHEM up to 300 level

Students from before Fall 2022 can either drop CIV102 or count CIV102 as Social Science/Humanities and take MTH340 instead

Varied Degree Paths:

Student degree paths may vary slightly from this form. If academic record differs from the courses listed in this form, please contact the Registration and Records Office during the advising week for clarification. Independent study, transfer credits or other unique circumstances are typically accounted for in the elective category.