

First Year

1st Semester (16 hrs)			2nd Semester (17 hrs)		
Course	Title	hrs	Course	Title	hrs
MATH A141	Calculus I	4	MATH A142	Calculus II	4
CSCI A125	Introduction to Computer Science	3	ENGL A102	Composition and Literature	3
ENGL A101	Composition	3	CSCI A145	Algorithmic Design I	4
HIST A101/A102	GEN ED Global Cultures	3	CSCI A185*	Computer Applications	3
MATH A174	Discrete Mathematics	3	GEN ED	Social and Behavioral Science	3

Second Year

1st Semester (16 hrs)			2nd Semester (15 hrs)		
Course	Title	hrs	Course	Title	hrs
CSCI A146	Algorithmic Design II	4	CSCI A220	Data Structures & Algorithms	3
MATH A344	Linear Algebra for CS & Engr.	3	CSCI A340	Mobile Application Development	3
CSCI A255	Intro to Information Security (Technical Elective)	3	CSCI A360*	Software Engineering	3
COLLEGE REQ.	Fine Arts Elective	3	ELECT	Free Elective	3
COMM A201/A241	GEN ED Oral Communications	3	TECH ELECT	Technical Elective (CSCI A370, A411, 417, or A418)	3

Third Year

1st Semester (15 hrs)			2nd Semester (15 hrs)		
Course	Title	hrs	Course	Title	hrs
CSCI A460^	Human-Computer Interaction	3	CSCI A462*	Software Testing & Quality	3
CSCI A225^	Web Development	3	CSCI A320*	Object-Oriented Programming	3
CSCI A465^	Software Project Management	3	CSCI A415*	Computer Network	3
GEN ED	Humanities	3	GEN ED	Humanities	3
COLLEGE REQ.	College Elective	3	POLI A201 or HIST A201/A202	GEN ED: American Political Institutions	3

Fourth Year

1st Semester (13 hrs)			2nd Semester (13 hrs)		
Course	Title	hrs	Course	Title	hrs
CSCI A520^	Database System Design	3	CSCI A592*	Senior Capstone II	3
CSCI A591^	Capstone Seminar I	3	COLLEGE REQ.	College Elective	3
CSCI A525^	Secure Software Engineering	3	COLLEGE REQ.	Natural Science with Lab	4
GEN ED	Natural Science with Lab	4	ELECT	Free Elective	3

^Fall only *Spring only +Varies

Course frequency notes are subject change and do not include courses managed by other departments