


First Year

1st Semester			2nd Semester		
Course	Title	hrs	Course	Title	hrs
MATH A141	Calculus I	4	MATH A142	Calculus II	4
CSCI A125	Introduction to Computer	3	ENGL A102	Rhetoric & Composition	3
ENGL A101	Critical Reading & Comp.	3	CSCI A145	Algorithmic Design I	4
GEN ED	HIST 101 or 102	3	CSCI A 185	Computer Applications	3
MATH A174	Discrete Mathematics	3	GEN ED	Soc./Behavioral Science	3

Second Year

1st Semester			2nd Semester		
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	3	CSCI A360	Software Engineering	3
College Req.	Fine Arts	3	ELECTIVE	Free Elective	3
GEN ED	COMM 201/241	3	ELECTIVE	CSCI Technical Elective	3

Third Year

1st Semester			2nd Semester		
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.	Free Elective	4	GEN ED	POLI A201, HIST A201/202	3

Fourth Year

1st Semester			2nd Semester		
Course	Title	hrs	Course	Title	hrs
CSCI A520	Database System Design	3	CSCI A592	Senior Capstone II	3
CSCI A591	Capstone Seminar I	3	ELECTIVE	CSCI Technical Elective	3
CSCI A 525	Secure Software Engineering	3	College Req.	Natural Science	4
GEN ED	Natural Science	4	ELECTIVE	Free Elective	3