

First Year					
1st Semester (16-17 hrs)			2nd Semester (16 hrs)		
Course	Title	hrs	Course	Title	hrs
GEN ED	ENGL A101	3	GEN ED	ENGL A102	3
GEN ED	MATH A122/A141	3-4	COLLEGE REQ.	MATH A174	3
CSCI A125	Intro. to Computer Science	3	CSCI A145	Algorithmic Design I	4
GEN ED	Natural Science with Lab	4	GEN ED	Social and Behavioral Science	3
GEN ED	Humanities	3	GEN ED	HIST A101/A102	3
Second Year					
1st Semester (16 hrs)			2nd Semester (16 hrs)		
Course	Title	hrs	Course	Title	hrs
CSCI A146	Algorithmic Design II	4	GEN ED	COMM A201 or COMM A241	3
CYBR A210+	Intro. to Information Security	3	CSCI A215+	Ethics and Professional Issues (WI)	3
CSCI A220	Data Structures & Algorithms	3	CYBR A220*	Intro. to Cryptography	3
CSCI A235^	Introduction to Network Technology	3	CYBR A320*	Network Security	3
GEN ED	Humanities	3	COLLEGE REQ.	Natural Science with Lab	4
Third Year					
1st Semester (15 hrs)			2nd Semester (13-14 hrs)		
Course	Title	hrs	Course	Title	hrs
COLLEGE REQ.	Fine Arts Elective	3	GEN ED	POLI A201 or HIST A201/A202	3
COLLEGE REQ	Free Elective	3	COLLEGE REQ.	Free Elective	3
CSCI A411^	Operating Systems	3	CYBR A330*	Ethical Hacking	3
TECH ELECT	CSCI A300^ Intro to Machine Learning	3	CSCI A360*	Software Engineering	3
TECH ELECT	CYBR A340^ Electronics and Cyber warfare	3	TECH FREE ELECT	Free Elective	1-2
Fourth Year					
1st Semester (15 hrs)			2nd Semester (12 hrs)		
Course	Title	hrs	Course	Title	hrs
CYBR A430+	Secure Software Engineering	3	CYBR A460*	Digital Forensics and Investigations	3
CSCI A520^	Database System Design	3	TECH FREE ELECT	Free Elective (CYBR A418)	3
TECH ELECT	CYBR A440^ Malware Analysis	3	TECH ELECT	CYBR A410* Mobile and Wireless Security	3
TECH FREE ELECT	Free Elective (CSCI A417)	3	CSCI A592*	Capstone Seminar II (WI)	3
CSCI A591^	Capstone Seminar I (WI)	3			

^Fall only *Spring only +Fall and Spring

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