



First Year					
1st Semester (15-16 hrs)			2nd Semester (16 hrs)		
Course	Title	hrs	Course	Title	hrs
MATH A122/A141	Survey of Calculus or Calculus I	3-4	MATH A174	Discrete Mathematics for CS	3
CSCI A125	Intro. 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	GEN ED	Social and Behavioral Science	3
ELECT	Free Elective	3	CSCI A215	Ethics and Professional Issues	3
Second Year					
1st Semester (16 hrs)			2nd Semester (16 hrs)		
Course	Title	hrs	Course	Title	hrs
CSCI A255	Intro. to Information Security	3	CSCI A220	Data Structures & Algorithms	3
CSCI A146	Algorithmic Design II	4	CSCI A285*	Intro. to Cryptography	3
TECH ELECT	Technical Elective	3	CSCI A360*	Software Engineering	3
COMM A201 or COMM A241	GEN ED: Oral Communications	3	POLI A201 or HIST A201/A202	GEN ED: American Political Institutions	3
GEN ED	Humanities	3	GEN ED	Natural Science with Lab	4
Third Year					
1st Semester (15 hrs)			2nd Semester (15 hrs)		
Course	Title	hrs	Course	Title	hrs
CSCI A 520^	Database System Design	3	CSCI A415*	Data Comm & Computer Networks	3
CSCI A411	Operating Systems	3	CSCI A515+	Ethical Hacking	3
COLLEGE REQ.	Fine Arts Elective	3	ELECT	Free Elective	3
GEN ED	Humanities	3	COLLEGE REQ.	College Elective	3
COLLEGE REQ.	College Elective	3	TECH ELECT	Technical Elective	3
Fourth Year					
1st Semester (13 hrs)			2nd Semester (13-14 hrs)		
Course	Title	hrs	Course	Title	hrs
CSCI A591^	Capstone Seminar I	3	CSCI A545+	Cyber Defense & Digital Forensics	3
CSCI A425+	Network Security	3	CSCI A592*	Capstone Seminar II	3
CSCI A525^	Secure Software Engineering	3	TECH ELECT	Technical Elective	3
COLLEGE REQ.	Natural Science with Lab	4	TECH ELECT	Technical Elective	3
			ELECT	Free Elective(s)	1-2

^Fall only *Spring only +Varies

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