



First Year

1st Semester (15 hrs)			2nd Semester (16 hrs)		
Course	Title	hrs	Course	Title	hrs
MATH A122	Survey of Calculus	3	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
GEN ED	HIST A101 or HIST A102	3	GEN ED	Social and Behavioral Science	3
ELECTIVE	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
CSCI A210	Intro. to Computer	3	CSCI A360	Software Engineering	3
GEN ED	COMM A201 or COMM A241	3	GEN ED	POLI A201, HIST A201/A202	3
GEN ED	Humanities	3	GEN ED	Natural Science with Lab	4

Third Year

1st Semester (15 hrs)			2nd Semester (16 hrs)		
Course	Title	hrs	Course	Title	hrs
CSCI A 520	Database System Design	3	CSCI A415	Data Communication &	3
CSCI A411	Operating Systems	3	CSCI A515	Ethical Hacking	4
College Req.	Fine Arts Elective	3	ELECTIVE	Free Elective	3
GEN ED	Humanities	3	College Req.	Elective	3
College Req.	Elective	3	ELECTIVE	CSCI Technical Elective	3

Fourth Year

1st Semester (13 hrs)			2nd Semester (13 hrs)		
Course	Title	hrs	Course	Title	hrs
CSCI A591	Capstone Seminar I	3	CSCI A545	Cyber Defense & Digital	3
CSCI A425	Network Security	3	CSCI A592	Capstone Seminar II	3
CSCI A525	Secure Software Engineering	3	ELECTIVE	CSCI Technical Elective	3
College Req.	Natural Science with Lab	4	ELECTIVE	CSCI Technical Elective	3
			ELECTIVE	Free Elective	1