



First Year

1st Semester (14 hrs)			2nd Semester (17 hrs)		
Course	Title	hrs	Course	Title	hrs
ENGL A101	Composition	3	ENGL A102	Composition and Literature	3
MATH A141	Calculus I	4	MATH A142	Calculus II	4
GEN ED	HIST A101 or A102	3	CSCI A125	Intro to Computer Science	3
GEN ED	Natural Science with Lab	4	CSCI A215*	Ethics and Professional Issues	3
			GEN ED	Natural Science with Lab	4

Second Year

1st Semester (16-17 hrs)			2nd Semester (16 hrs)		
Course	Title	hrs	Course	Title	hrs
MATH A241	Vector Calculus	4	MATH A242	Elem. Differential Equations	4
MATH A174	Discrete Mathematics	3	MATH A325*	Advanced Mathematical Prog.	3
MATH A225+	Mathematical Software	3	COMM A201/A241	Interpersonal/Pub. Speaking	3
CSCI A255	Intro to Information Sec.	3	CSCI A285*	Intro to Cryptography	3
College Req.	ART/FA/SB	3-4	College Req.	Hum/FA/Mat/NS/SBH/FL	3

Third Year

1st Semester (15 hrs)			2nd Semester (15 hrs)		
Course	Title	hrs	Course	Title	hrs
MATH A544	Linear Algebra	3	CSCI A545+	Cyber Def & Digital Forensics	3
STAT A509^	Statistics	3	MATH A546*	Intro to Algebraic Structures	3
TECH ELEC	Technical Elective	3	TECH ELEC	Technical Elective	3
CSCI A515+	Ethical Hacking	3	College Req.	Hum/FA/Mat/NS/SBH/FL	3
MATH A547^	Number Theory and Crypto	3	MATH A548*	Elliptic Curve Crypto	3

Fourth Year

1st Semester (15 hrs)			2nd Semester (12-15 hrs)		
Course	Title	hrs	Course	Title	hrs
MATH 590^	Applied Math Capstone I	3	MATH 591*	Applied Math Capstone II	3
MATH 518^	Industrial Mathematics I	3	TECH ELEC	Technical Elective	3
GEN ED API	POLI A201, HIST A201/A202	3	GEN ED	Humanities	3
GEN ED	ECON A221/A222	3	ELEC	Free Elective	3
GEN ED	Humanities	3	ELEC	<i>Free Elective (if necessary for hrs)</i>	3

^Fall only *Spring only +Varies

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