

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 (COLLEGE REQ.)	Calculus II	4
GEN ED	Natural Science with Lab	4	CSCI A145	Intro to Algorithmic Design I	4
CSCI A125	Intro to Computer Science	3	CSCI A215	Ethics and Professional Issues	3
			POLI A201 or HIST A201/A202	GEN ED: American Political Institutions	3
Second Year					
1st Semester (16 hrs)			2nd Semester (16 hrs)		
Course	Title	hrs	Course	Title	hrs
MATH A241	Calculus III	4	MATH A242	Ordinary Differential Equations	4
MATH A174	Discrete Mathematics	3	MATH A325*	Advanced Mathematical Prog.	3
MATH A225+	Mathematical Software	3	CSCI A515 (CYBR A330)	Ethical Hacking	3
CSCI A255 (CYBR A210)	Intro to Information Security (Fundamentals of Cybersecurity)	3	CSCI A285 (CYBR A220)	Intro to Cryptography	3
COLLEGE REQ.	Arts, Foreign Lang, or Soc/Beh Sci	3	COLLEGE REQ.	Hum, FA, Math/Stat/Log, Nat Sci, Soc/Beh Sci, or Foreign Lang	3
Third Year					
1st Semester (15 hrs)			2nd Semester (16 hrs)		
Course	Title	hrs	Course	Title	hrs
MATH A544	Linear Algebra	3	MATH A546*	Intro to Algebraic Structures	3
STAT A509^	Statistics	3	GEN ED	Natural Science with Lab	4
MATH A547^	Number Theory and Crypto	3	TECH ELECT	Technical Elective	3
COMM A201/A241	GEN ED Oral Communications	3	CSCI A545 (CYBR A460)	Cyber Defense and Digital Forensics (Dig Forensics and Investigations (WI))	3
TECH ELECT	Technical Elective	3	HIST A101/A102	GEN ED Global Cultures	3
Fourth Year					
1st Semester (15 hrs)			2nd Semester (12 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	MATH A548*	Elliptic Curve Crypto	3
ECON A221/A222	Macro or Microeconomics	3	GEN ED	Humanities	3
TECH ELECT	Technical Elective	3	COLLEGE REQ.	Hum, FA, Math/Stat/Log, Nat Sci, Soc/Beh Sci, or Foreign Lang	3
GEN ED	Humanities	3			

^Fall only *Spring only +Varies

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