

First Year

1st Semester (14 hrs)			2nd Semester (16 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
HIST A101/A102	GEN ED Global Cultures	3	CSCI A145	Algorithmic Design I	4
GEN ED	Natural Science with Lab	4	COLLEGE REQ.	Natural Science with Lab	4
			MATH A135*	Applied Math Seminar	1

Second Year

1st Semester (13 hrs)			2nd Semester (17 hrs)		
Course	Title	hrs	Course	Title	hrs
MATH A241	Vector Calculus	4	MATH A242	Elementary Differential Equations	4
MATH A174	Discrete Mathematics (recommended Free Elective)	3	MATH A325*	Advanced Mathematical Prog.	3
MATH A225+	Mathematical Software	3	COMM A201/A241	GEN ED Oral Communications	3
ELECT	Free Elective	3	COLLEGE REQ.	Hum/FA/Math/NS/SBH/FL	4
			GEN ED	Humanities	3

Third Year

1st Semester (15 hrs)			2nd Semester (15 hrs)		
Course	Title	hrs	Course	Title	hrs
MATH A544	Linear Algebra	3	STAT A510 *	Statistical Quality Assurance	3
STAT A509^	Statistics	3	CSCI A562+	Numerical Methods	3
MATH A518^	Industrial Mathematics I	3	MATH A519*	Industrial Mathematics II	3
BADM A225	Finance	3	TECH ELECT	Technical Elective	3
ECON A221/A222	Macro or Microeconomics	3	BADM A363	Business Finance	3

Fourth Year

1st Semester (15 hrs)			2nd Semester (15 hrs)		
Course	Title	hrs	Course	Title	hrs
MATH A590^	Applied Math Capstone I	3	MATH A591*	Applied Math Capstone II	3
TECH ELECT	Technical Elective	3	TECH ELECT	Technical Elective	3
POLI A201 HIST A201/A202	GEN ED: American Political Institutions	3	GEN ED	Humanities	3
COLLEGE REQ.	ART/FL/SB	3	ELECT	Free Elective	3
ELECT	Free Elective	3	ELECT	Free Elective	3

^Fall only *Spring only +Varies

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