

Semester	Sample Course Sequence	Hours	Total
1st Year Fall	MATH 1501 (Calculus I)	4	
	ENGL 1101 (English Composition I)	3	
	PSYC 1101 (General Pyschology)	3	
	LAB SCIENCE (Biology, Chemistry, Earth and Environmental Science)	4	14
1st Year Spring	MATH 1502 (Calculus II)	4	
	ENGL 1102 (English Composition II)	3	
	PHYS 2211 INTRODUCTORY PHYSICS I	4	
	CS 1301 INTRO TO COMPUTING	3	
	HPS 1040 WELLNESS	2	16
2nd Year Fall	MATH 2401 (Calculus III)	4	
	PHYS 2212 INTRODUCTORY PHYSICS II	4	
	CS 2316 DATA INPUT/MANIPULATION	3	
	ISYE 2027 PROBABILITY WITH APPLICATIONS	3	
	HIST 2111 or 2112 or POL 1101 or PUBP 3000 or INTA 1200	3	17
2nd Year Spring	MATH 2602 LINEAR & DISCRETE MATHEMATICS	4	
	ECON 2100 ECONOMIC ANALYSIS & POLICY	3	
	FREE ELECTIVE	3	
	ISYE 2028 BASIC STATISTICAL METHODS	3	
	LAB SCIENCE (Biology, Chemistry, Earth and Environmental Science)	4	17
3rd Year Fall	CS 4400 INTRO TO DATABASE SYSTEMS	3	
	ISYE 3025 ESSENTIALS OF ENGINEERING ECONOMY	1	
	ISYE 3133 ENGINEERING OPTIMIZATION	3	
	ENGINEERING ELECTIVE	3	
	ISYE 3232 STOCHASTIC MFG & SERVICE SYSTEMS	3	
	ACCT 2101 or MGT 3000 or MGT 3150	3	16
3rd Year Spring	ISYE 3044 SIMULATION ANALYSIS & DESIGN	3	
	2 TRACK COURSES	6	
	HUMANITIES ELECTIVE	3	
	FREE ELECTIVE	2	
	ENGINEERING ELECTIVE	3	17
4th Year Fall	2 TRACK COURSES	6	
	ENGINEERING ELECTIVE	3	
	HUMANITIES ELECTIVE	3	
	FREE ELECTIVE	3	15
4th Year Spring	ISYE 4106 SENIOR DESIGN	4	
	2 TRACK COURSES	6	
	SOCIAL SCIENCE ELECTIVE	3	
	FREE ELECTIVE	3	16
	TOTAL PROGRAM HOURS		128