

See your robotics advisor to discuss modifications to meet your circumstances

Freshman Year				Sophomore Year			
<i>Fall Term</i>		<i>Credit</i>		<i>Fall Term</i>		<i>Credit</i>	
PH	111 Physics I	4		MA	211 Differential Equations	4	
MA	111 Calculus I	5		CSSE	232 Computer Architecture I	4	
CLSK	100 College and Life Skills	1		ECE	203 DC Circuits	4	
RH	131 Rhetoric & Composition			CHEM	111 General Chemistry I	4	
	or						16
HSS	Elective	4					
ECE	160 Engineering Practice	2					
		16					
<i>Winter Term</i>		<i>Credit</i>		<i>Winter Term</i>		<i>Credit</i>	
PH	112 Physics II	4		MA	212 Matrix Alg and Sys of Diff Eq	4	
MA	112 Calculus II	5		CSSE	332 Operating Systems	4	
CSSE	120R Intro to Software Dev (Robotics)	4		ECE	204 AC Circuits	4	
HSS	Elective			HSS	Elective	4	
	or						16
RH	131 Rhetoric & Composition	4					
		17					
<i>Spring Term</i>		<i>Credit</i>		<i>Spring Term</i>		<i>Credit</i>	
PH	113 Physics III	4		MA	381 Intro to Probability & Stats	4	
MA	113 Calculus III	5		ECE	250 Electronic Device Modeling	4	
ECE	130 Introduction to Logic Design	4		ECE	205 Dynamical Systems	4	
CSSE	220 Object-Oriented Software Dev	4		CSSE	230 Data Structures and Analysis (TE)	4	
		17					16
Junior Year				Senior Year			
<i>Fall Term</i>		<i>Credit</i>		<i>Fall Term</i>		<i>Credit</i>	
MA	275 Discrete & Combinational Algebra I	4		ROBO	410 Robotics Senior Design	4	
ECE	351 Analog Electronics	4		HSS	Elective	4	
ECE	333 Digital Systems	4		HSS	Elective	4	
RH	330 Tech and Professional Communication	4			Math/Science Elective	4	
		16					16
<i>Winter Term</i>		<i>Credit</i>		<i>Winter Term</i>		<i>Credit</i>	
ECE	300 Signals & Systems	4		ROBO	420 Robotics Senior Design	4	
ECE	331 Embedded System Design	4		ECE	425 Mobile Robotics (AE)	4	
ECE	332 Computer Architecture II	4		HSS	Elective	4	
ME	430 Mechatronics (TE)	4		HSS	Elective	4	
		16					16
<i>Spring Term</i>		<i>Credit</i>		<i>Spring Term</i>		<i>Credit</i>	
ECE	380 Discrete Time & Continuous Systems	4		ECE	430 Robotics Senior Design	4	
ECE	342 Intro to Electromagnetic Compatibility	4		EM	121 Statics & Mechanics Materials I (FE)	4	
ECE	320 Linear Control Systems (AE)	4			Robotics Elective (FE)	4	
HSS	Elective	4			Area Elective	4	
		16					16

Revised 1/17/12

Total credits required 194

AE = Area Elective (3 required)
 TE = Tech Elective (2 required)
 FE = Free Elective (2 required)