

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 Diff Eq & Matrix Algebra I	4	
MA	111 Calculus I	5		CHEM	111 General Chemistry I	4	
CLSK	100 College and Life Skills	1		ECE	203 DC Circuits	4	
RH	131 Rhetoric & Composition			ECE	230 Microcontrollers and Computer Arch	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 Diff Eq & Matrix Algebra II	4	
MA	112 Calculus II	5		ECE	204 AC Circuits	4	
ECE	130 Introduction to Logic Design	4		CSSE	220 Object Oriented Software Dev (FE)	4	
RH	131 Rhetoric & Composition			HSS	Elective	4	
	or						16
HSS	Elective	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	205 Dynamical Systems	4	
HSS	Elective	4		ECE	250 Electronic Device Modeling	4	
CSSE	120R Intro to Software Dev (Robotics)	4		CSSE	230 Data Structures and Analysis (FE)	4	
		17					16
Junior Year				Senior Year			
<i>Fall Term</i>		<i>Credit</i>		<i>Fall Term</i>		<i>Credit</i>	
ECE	300 Signals & Systems	4		ROBO	410 Robotics Senior Design	4	
ECE	370 Power & Energy Systems			HSS	Elective	4	
	or				Math/Science Elective	4	
ECE	371 Sustainable Energy Systems	4			Math/Science Elective	4	
ECE	340 Electromagnetic Fields	4					16
RH	330 Tech and Prof Comm	4					
		16					
<i>Winter Term</i>		<i>Credit</i>		<i>Winter Term</i>		<i>Credit</i>	
ECE	380 Discrete Time & Continuous Systems	4		ROBO	420 Robotics Senior Design	4	
ECE	351 Analog Electronics	4		ECE	425 Mobile Robotics (AE)	4	
ECE	341 Electromagnetic Waves	4			Robotics Elective (AE)	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	310 Communications Systems	4		ROBO	430 Robotics Senior Design	4	
ECE	320 Linear Control Systems	4		ME	435 Robotics Engineering (TE)	4	
ECE	333 Digital Systems	4		HSS	Elective	4	
HSS	Elective	4			Area Elective	4	
		16					16