

Senior	Iterative Algo(419), FPGA Lab(424/425) , Adv MicroP Lab(450) , Product Design Lab(427) , Elec Design Lab(448) , CAD VLSI(491/492) , MicroFab Lab(495)		Optical Instr(403), Elec Devices(407/485/486), Quant Mechanics(459), Lasers(482), Bio-Photonics Lab(483)		Image Proc(414/415), Audio/Vis(416/445), Med Imag (432/433/434/472/473/483), DSP(435), Control Sys Lab(454) , Dig Coms(402), Info Theory(447), Error Coding(460), Machine Learning(412)		Adv ECE Team Project (452/453), Senior Design Project (498/499) , Non-ECE/CS Advanced Lab		CS 400-level Electives (601) Obj Orient Software Eng(321/421) , Data Intensive Comp(423) , Distributed Sys(601.317) , Comp Genomics(601.447) , Security(443) , Comp Int Surgery(601.456) , Network Embedded Sys(450) , Comp Graphics(457) , Comp Vision(461) , Machine Learning & Translation(468/476)		
	Advance Senior Courses & Approved Advanced, Design Intensive Labs May Cover Multiple Areas										
Junior	Prog Logic Lab 520.372		Intro Mechatronics 520.340/240		Control Systems 520.353		CS 300-level Elective 601.3xx				
	MicroP Lab 520.349		ECE Lab 520.345		Intro Info Processing 520.315						
Sophomore	Comp Arch 520.222 or 601.229		Intro VLSI 520.216		Electromagnetic Waves 520.220		Signals & Systems 520.214		Team Design (Fre/Soph) 520.212		
	Mastering Electronics 520.230				Intro. Electromagnetics 520.219		Team Design (Fre/Soph) 520.211		CS 200-level Elective 601.2xx		
Freshman	Dig Sys Fund 520.142		Intro Renew Energy 520.270		Light, Image, Vision 520.150		Comp Mods for ECE 520.123		CS 200-level Elective 601.2xx		
									Comp Sys Fund 601.229/ 520.222		
								Intern. Program. 601.220		Discrete Math 550.171	
								Intro Java 601.107		Legend:	
					Intro ECE 520.137					Required Course Selected Electives <u>Reclassified/Discontinued</u> <i>Recently Introduced</i>	
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