

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 (600/601) Obj Orient Software Eng(321/421) , Data Intensive Comp(423) , Distributed Sys(600.437/601.317) , Comp Genomics(600.439/601.447) , Security(443) , Comp Int Surgery(600.445/446/601.456) , Network Embedded Sys(450) , Comp Graphics(457) , Comp Vision(461) , Machine Learning & Translation(468/475/476)					
	Advance Senior Courses & Approved Advanced, Design Intensive Labs May Cover Multiple Areas																	
Junior	↑ CAD VLSI 520.391		Prog Logic Lab 520.372		Intro Mechatronics 520.340/240		↑			Control Systems 520.353		↑			CS 300-level Elective 600/601.3xx			
	MicroP Lab 520.349		ECE Lab 520.345		↑			Intro Info Processing 520.315		↑			CS 200-level Elective 600/601.2xx					
Sophomore	Comp Arch 520.222 or 600.233/ 601.229		Intro VLSI 520.216		Fields II/ Electromagnetic Waves 520.220			Signals & Systems 520.214		Team Design (Fre/Soph) 520.212		CS 200-level Elective 600/601.2xx		Data Structures 600.226/ 601.226				
	Mastering Electronics 520.230 or Circuits 520.213					Fields I / Intro. Electromagnetics 520.219			↑		Team Design (Fre/Soph) 520.211		Comp Sys Fund 601.229/ 600.233 or 520.222		Interm. Program. 600.120/ 601.220		Discrete Math 550.171	
Freshman	Dig Sys Fund 520.142		Intro Renew Energy 520.270		Light, Image, Vision 520.150		Comp Mods for ECE 520.123		↑				Intro Java 600.107/ 601.107				Legend:	
	Intro ECE 520.137								Required Course Selected Electives Reclassified/Discontinued Recently Introduced				Required Course Selected Electives Reclassified/Discontinued Recently Introduced					