

Major Concentration Areas

Biomedical Instrumentation 36 – 40 credits		Integrated Systems 30 credits		Sensors & Devices 39 credits		Digital VLSI 40 credits		Electromagnetics 40 credits		Embedded Computing & Systems 29 credits	
5	EE 271	5	EE 331	5	EE 271	5	EE 271	5	EE 271	5	EE 271
5	EE 331	5	EE 332	5	EE 331	5	EE 331	5	EE 331	5	EE 331
5	EE 332	5	EE 361	5	EE 332	5	EE 332	5	EE 332	5	EE 371
5	EE 361	5	EE 433	5	EE 361	5	EE 371	5	EE 361	5	EE 469
4	EE 436	5	EE 473	4	EE 482	5	EE 469	4	EE 462	4	EE 474
	EE Capstone*	5	EE 437*	4	EE 484	5	EE 476	4	EE 463	5	EE 475*
	*See advising			3	EE 486	5	EE 477	4	EE 464		
5	EE 473 or		Optional:	4	EE 497*	5	EE 478*	4	EE 497*		Optional:
4	EE 482	5	EE 271	4	EE 498*			4	EE 498*	5	EE 332
		5	EE 341			5	EE 341			5	EE 341
	Optional:				Optional:				Optional:	4	EE 470
5	EE 341			5	EE 433	5	EE 361	4	EE 416	4	CSE 373
3	EE 486			5	EE 473					3	CSE 374
				4	EE 485						
Digital Signal & Image Processing 24 credits		Sustainable Power Systems 31 credits		Power Electronics & Drives 28 credits		Communications 24 credits		Controls 26 credits		Students in multi-quarter capstones must complete all courses in the capstone sequence to receive credit *Capstone Design Course	
5	EE 341	5	EE 331	5	EE 331	5	EE 341	5	EE 271		
4	EE 416	5	EE 351	5	EE 351	4	EE 416	5	EE 341		
4	EE 440	4	EE 447	4	EE 447	4	EE 417	4	EE 447	4	EE 448*
3	EE 442	5	EE 452	5	EE 452	3	EE 418	4	EE 448*	4	EE 449*
5	EE 443*	4	EE 454	5	EE 453*	4	EE 420*	4	EE 449*	4	EE 474
4	CSE 373	4	EE 455	4	EE 454	4	EE 419				
		4	EE 456*								
	Optional:		Optional:		Optional:		Optional:				
5	EE 271	5	EE 453	5	EE 482	5	EE 271				
4	EE 461	4	EE 457			5	EE 361				
3	CSE 374	4	EE 461								
		5	ECON 200								