

√\* - capstone design course  
 S.E. - suggested elective

### EE Major Concentration Areas

EE Courses	Credits	Analog Circuits	Biomedical Instrumentation	Sensors and Devices	Digital VLSI Circuits	Embedded Computing Systems	Electromagnetics	Digital Signal & Image Processing	Communications	Wireless Communications	Large Scale Power Systems	Sustainable Electric Energy	Power Electronics and Electric Devices	Controls
271	5	√	√	√	√	√	√	S.E.	S.E.					√
331	5	√	√	√	√	√	√			√	√	√	√	
332	5	√	√	√	√	√	√			√				
341	5	S.E.	S.E.		S.E.	S.E.		√	√	√				√
351	5										√	√	√	
361	5	√	√	√	S.E.		√		S.E.	√				
416	4						S.E.	√	√	√				
417	4								√	√				
418	3								√	S.E.				
420	4								√*	√* or 467				
433	5	√*		S.E.						S.E.				
436	4		√*											
440	4							√						
442	3							√						
443	5							√*						
447	4										√		√	√
448	3													√
449	4													√*
452	5										√*	√*	√*	
453	5										S.E.	√*	√*	
454	4										√	√	√	
455	4										√			
456	4										√*	√*		
461	4							S.E.	√		S.E.			
467	4						√*			√* or 420				
471	5				S.E.	√								
472	5					√								√
473	5	√ or 482	√ or 482	S.E.						S.E.				
476	5				√									
477	5				√*									
478	5					√*								
480	4						√			S.E.				
481	4						√			√				
482	4	√ or 473	√ or 473	√										
484	4			√*										
485	4			S.E.										
486	3	S.E.	S.E.	√										
CSE 373	3					S.E.		√						
CSE 374	3					S.E.		S.E.						
Totals in each area:		29	28	31	25	30	32	24	24	36	31	28	28	26