

Electrical Engineering Electromagnetics Track

Possible 4 Year Course Plan

FRESHMAN			SOPHOMORE			JUNIOR			SENIOR						
FALL	WINTER	SPRING	FALL	WINTER	SPRING	FALL	WINTER	SPRING	FALL	WINTER	SPRING				
Math / Science Requirements															
CALCULUS I MATH 251		II MATH 252	LIN ALG MATH 261	DIF EQ I MATH 256		CALC IV MATH 254			APPL STAT STAT 451						
CHEM CH 221 227			PHYSICS PH 211/221 214			PH 212/222 215	PH 213/223 216	MATH/ SCI ELECT							
Engineering / Computer Science Requirements															
EXPLOR ELEC ECE 101	ENGR COMP ECE 102	ENGR PROGR ECE 103	ELEC CURCUIT ANALYSIS I ECE 221 201			II ECE 222 202	III ECE 223 203	ELECTRONICS I ECE 321 301			II ECE 322 302	III ECE 323 303	Track senior electives 4xx ECE 4XX (1)		
	DIGI CIRC ECE 171			DIGI SYST ECE 271 271 L				MICRO PROC ECE 371	FOURIER ANALYSIS ECE 312	FEEDBACK CONTROL ECE 311 311 L	ECE 4XX (1)	Start MS program (2) (2)			
							ENG EMAG I ECE 331	ENG EMAG II ECE 332 332L	APPL EMAG ECE 436	INDSTRY DESIGN PROCSS ECE 411	SR. PROJ DEVLP I ECE 412	S.P.D. II ECE 413			
General Education Requirements															
FRESHMAN INQUIRY UNST 1XX			SOPHOMORE INQUIRY UNST 2XX			UNST 2XX			TECH RPT WR 327	CLUSTER: PRIV PUBLIC INVEST EC 314U			UNST UPPER DIVISION CLUSTER	UNST UPPER DIVISION CLUSTER	

(1) List of track specific senior electives:	(2) Continuation to Graduate program:
ECE 415 Fund of Semiconductor Devices	ECE 533 Adv Emag
ECE 431/432 Microwave Circuits I & II	ECE 534 Acoustics
ECE 435 Radar/Sonar	ECE 576 Computational Methods in Electrical Engineering
ECE 457 Eng Data Analysis and Modeling	ECE 594 Applied Optics
ECE 461 Communication Systems Design I	ECE 595 Optoelectronics I