

Computer Engineering Embedded Systems 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 II MTH 251 MTH 252		LIN ALG MTH 261	DIF EQ I MTH 256					APPL STAT STAT 451		
CHEM CH 221			PHYSICS PH PH PH 211/221 212/222 213/223								
CH 227			PH 214	PH 215	PH 216			MTH/ SCI ELEC	DISCR- ETE MATH MTH 356		
Engineering / Computer Science Requirements											
DIGI CIRC ECE 171	ENGR COMP ECE 102	INTRO TO CS CS 162	ELEC CIRC I ECE 221 201		ELEC CIRC III ECE 223 203	ELECT I ECE 321 301		ECE 351 HDL	ECE Senior elective (1)	ROBO TICS I ECE 478	NETWRKS ECE 410
			DIGI SYSTEM ECE 271 271L	DATA STRUCT CS 163	MICRO PROC ECE 371	INTER FACE EMBED SYSTEM ECE 372	RTOS ECE 373	MICRO SYSTEM ECE 485	COMP ARCHIT ECE 486	DIGI SIGNAL PROC ECE 465	
						PROG SYSTEM CS 202		lab INTRO OPER SYSTEM CS 333	INDSTRY DESIGN PROCSS ECE 411	SR. PROJ DEVL P I ECE 412	S.P.D.II ECE 413
General Education Requirements											
FRESHMAN INQUIRY			SOPHOMORE INQUIRY								
UNST 1XX	UNST 1XX	UNST 1XX	UNST 2XX	UNST 2XX	UNST 2XX	TECH RPT WR 327		PRIV PUBLIC INVEST EC 314U	UNST UPPER DIVISION CLUSTER	UNST UPPER DIVIION CLUSTER	

(1) List of track specific senior electives: any regularly numbered ECE senior level class (ECE 410, 414-499)

Any deviation from this outline requires advisor's approval