

Suggested Four Year Academic Map

This document is not a substitute for academic advisement - contact your advisor if you have ANY questions about scheduling or about your degree requirements.

ALL courses require a 'C' OR BETTER

FRESHMAN 1 st TERM			FRESHMAN 2 nd TERM		
Course	Hours	Prerequisites	Course	Hours	Prerequisites
ENGL 1101 (Comp I) ▣	3	NONE	ENGL 1102 (Comp II) ▣	3	ENGL 1101 or ENGL 101
MATH 1190 (Calculus I) ▣	4	MATH 1112 or MATH 1113	MATH 2202 (Calculus II) ▣	4	MATH 1190
CHEM 1211 ▣	3	MATH 1112 OR MATH 1190	CSE 1311 ▣	4	NONE
CHEM 1211 Lab ▣	1	CHEM 1211 OR MATH 1113	PHYS 2211 ▣	3	MATH 1190
EE 1000	2	NONE	PHYS 2211 Lab ▣	1	PHYS 2211
B2 COM1100 ▣	3	NONE	B1U ECON 1000	2	NONE
SUBTOTAL	16		SUBTOTAL	17	
			U New requirement for 2016 (previously STS 2105)		
SOPHOMORE 1 st TERM			SOPHOMORE 2 nd TERM		
MATH 2306 (Ord Diff Eq) ▣	3	MATH 2202 ▣	MATH 2203 (Calculus III)	4	MATH 2202
PHYS 2212 ▣	3	MATH 2202 or PHYS 2211 or PHYS 1211K ▣	EE 2302 (Circuits II)	3	EE2301, MATH 2306, & PHYS 2212 or PHYS 2212K
PHYS 2212 Lab ▣	1	PHYS 2212▣	EE 2401 (Semicond Devices)	3	CHEM 1211, 1211L & EE1000
EE 2301 (Circuits I)	4	PHYS 2211 & PHYS 2211L	EE 2501 (Digital Logic Des)	4	EE 2301
C2 (ART 1107, DANC 1107, MUSI 1107, or	3	NONE	MATH 2332 (Prob & Statis) ▣	3	MATH 1190
E3 (HIST 1100, HIST 1111, or HIST 1112)	3	NONE			
SUBTOTAL	17		SUBTOTAL	17	
NOTE: Be sure to apply for Engineering Standing PRIOR to the end of your Sophomore year.					
JUNIOR 1 st TERM			JUNIOR 2 nd TERM		
ENGR 2214 (Statics)	3	PHYS 2211 & PHYS 2211L	EE 3401 (Engr Electronics)	4	EE 2301
EE 3501 (Embedded Sys)	4	EE 2501 & ENGR Standing	EE 3601 (Elec Machines)	4	EE 2301 & ENGR Standing
EE 3701 (Sig & Systems)	3	EE 2302 & ENGR Standing	EE 3605 (Electromagnetics)	3	PHYS 2212/2212L, MATH 2203 & ENGR Standing
ENGR 4402	1	ENGR Standing	EE 3702 (Comm Systems)	3	EE 3701 & ENGR Standing
C1 (ENGL's 2110,2111,2112,2120, 2121,2122, 2130,2131, 2132 or 2300)	3	All require ENGL 1102	E1 POLS 1101	3	NONE
SUBTOTAL	14		SUBTOTAL	17	
SENIOR 1 st TERM			SENIOR 2 nd TERM		
EE 4201 (Control Systems)	4	MATH 2306,EE2301 ENGR 2214 & ENGR Standing	EE 4800 (Sr Project)	4	EE4201 or EE4701 & ENG Std)
EE 4701 (Prof Practice)	3	EE 3401 & ENGR Standing	Technical Elective	3	See advisor for approved electives
Science Elective (Recommend: ENGR 3325 (previously SYE 3320)	3	MATH 1112 & ENGR Standing	Technical Elective	3	See advisor for approved electives
Technical Elective	3	See advisor for approved electives	Math Elective 3xxx or 4xxx	3	See advisor for approved electives
E2 US History (HIST 2111 or HIST 2112)	3	NONE	E4 (ANTH 1102, CRJU 1101, GEOG 1101, PSYC 1101, SOCH1101,STS 1101 OR ECON 2100)	3	NONE
SUBTOTAL	16		SUBTOTAL	16	
TOTAL HOURS IN PROGRAM: 130 Hours					