

Suggested Arrangement of Courses, Computational Engineering (BSCompE)

Core Component Areas: ⁰¹⁰ English Composition and Core Writing Flag; ⁰²⁰ Mathematics; ⁰³⁰ Natural Science and Technology, Part I; ⁰⁴⁰ Humanities; ⁰⁵⁰ Visual and Performing Arts; ⁰⁶⁰ U.S. History; ⁰⁷⁰ American and Texas Government; ⁰⁸⁰ Social and Behavioral Sciences; ⁰⁹⁰ First-Year Signature Course; ⁰⁹³ Natural Science and Technology, Part II

Skills and Experience Flags: ^{Wr} Writing; ^{QR} Quantitative Reasoning; ^{GC} Global Cultures; ^{CD} Cultural Diversity; ^E Ethics; ^{II} Independent Inquiry

Undergraduate Degree Program listing

First Year					
First Term	Hours	Second Term	Hours	Summer Term	Hours
UGS 302 or 303 (Core) ^{090, Wr}		3 COE 301 (Major)		3 (None)	
CH 301 (Core) ⁰³⁰		3 M 408D (General Education)	4		
M 408C (Core, General Education) ⁰²⁰		4 PHY 303K (General Education)	3		
RHE 306 (Core) ⁰¹⁰		3 PHY 105M (General Education)	1		
Social and Behavioral Sciences (Core) ⁰⁸⁰		3 M E 210 (Major)	2		
		U.S. History (Core) ⁰⁶⁰	3		
	16		16		0
Second Year					
First Term	Hours	Second Term	Hours	Summer Term	Hours
E M 306 (Major)		3 COE 311K (Major)		3 (None)	
COE 322 (Major)		3 COE 332 (Major)	3		
M 427J (General Education)		4 E M 311M (Major)	3		
PHY 303L (General Education)		3 M 427L (General Education)	4		
PHY 105N (General Education)		1 GOV 310L (Core) ⁰⁷⁰	3		
M E 310T (Major)	3				
	17		16		0
Third Year					
First Term	Hours	Second Term	Hours	Summer Term	Hours
ASE 320 (Major)		3 ASE 330M (Major)		3 (None)	
E S 333T (Major) ^{E, Wr}		3 COE 321K (Major)	3		
COE 352 (Major)		3 COE 347 (Major)	3		
E M 319 (Major)		3 Technical Elective (Major)	3		
COE 362 or M 362K (Major)		3 E 316L, 316M, 316N, or 316P (Core) ⁰⁴⁰	3		
	15		15		0
Fourth Year					
First Term	Hours	Second Term	Hours	Summer Term	Hours
ASE 375 (Major)		3 COE 374 (Major)		3 (None)	
Technical electives (Major)		6 Technical electives (Major)	6		
GOV 312L (Core) ⁰⁷⁰		3 U.S. History (Core) ⁰⁶⁰	3		
Visual and Performing Arts (Core) ⁰⁵⁰	3				
	15		12		0
Total credit hours: 122					

Four-year degree suggestion (for planning purposes only).

Currently enrolled students should meet with their academic advisor.

Course categories: Core, General Education, Major, Elective, Opportunity