

Suggested Arrangement of Courses, Civil Engineering (BSCE)

Requirements		Hours
1st Semester		
C E 301	Civil Engineering Systems (Major)	3
CH 301	Principles of Chemistry I (Core) ⁰³⁰	3
M 408C	Differential and Integral Calculus (Core) ⁰³⁰	4
RHE 306	Rhetoric and Writing (Core) ⁰¹⁰	3
UGS 302	First-Year Signature Course (Core) ⁰⁹⁰	3
or UGS 303	First-Year Signature Course	
2nd Semester		
CH 302	Principles of Chemistry II (Core) ⁰³⁰	3
ARE 217	Computer-Aided Design and Graphics (Core) ⁰³⁰	2
M 408D	Sequences, Series, and Multivariable Calculus (Major)	4
PHY 303K	Engineering Physics I (Major)	3
PHY 105M	Laboratory For Physics 302K, 303K, and 317K	1
Social and Behavioral Sciences (Core) ⁰⁸⁰		3
3rd Semester		
C E 311K	Introduction to Computer Methods (Major)	3
E M 306	Statics (Major)	3
M 427J	Differential Equations with Linear Algebra (Major)	4
PHY 303L	Engineering Physics II (Major)	3
PHY 105N	Laboratory For Physics 302L, 303L, and 317L (Major)	1
U.S. History (Core) ⁰⁶⁰		3
4th Semester		
C E 311S	Probability and Statistics for Civil Engineers (Major)	3
E M 319	Mechanics of Solids (Major)	3
C E 319F	Elementary Mechanics of Fluids (Major)	3
E S 333T	Engineering Communication (Major)	3
U.S. History (Core) ⁰⁶⁰		3
5th Semester		
C E 324P	Properties and Behavior of Engineering Materials (Major)	3
Base level course (Major)		3
Base level course (Major)		3
Base level course (Major)		3
E 316L	British Literature (Core) ⁰⁴⁰	3
or E 316M	American Literature	
or E 316N	World Literature	
or E 316P	Masterworks of Literature	
6th Semester		

E M 311M	Dynamics (Major)	3
or M E 310T	Applied Thermodynamics	
Base level course (Major)		3
Base level course (Major)		3
Base level course (Major)		3
Visual and Performing Arts (Core) ⁰⁵⁰		3
7th Semester		
Technical Elective (Major)		3
Technical Elective (Major)		3
Technical Elective (Major)		3
Science elective (Major)		3
GOV 310L	American and Texas Government (Core) ⁰⁷⁰	3
8th Semester		
C E 370P	Engineering Professionalism (Major)	3
Technical Elective (Major)		3
Technical Elective (Major)		3
Technical Elective (Major)		3
GOV 312L	Issues and Policies in American Government (Core) ⁰⁷⁰	3
Total Hours		124

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

Core Component Areas: ⁰¹⁰ Communication; 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

Undergraduate Degree Program listing

[†] Effective April 2025, UT Austin no longer requires Skills and Experience flags.