

Civil, Coastal, and Environmental Engineering Department - BSCE Program - 2024-2025

1st Semester	2nd Semester	3rd Semester	4th Semester	5th Semester	6th Semester	7th Semester	8th Semester
FALL	SPRING	FALL	SPRING	FALL	SPRING	FALL	SPRING
MA125 (4) Calculus I	MA126 (4) Calculus II <MA125>	MA227 (4) Calculus III <MA126>	MA238 (3) Diff. Equations (MA 227)	CE314/315 (3/1) CE Materials & Lab <EH102, EG315>	CE340/341 (3/1) Soil Mech & Lab <EG315, EG360>	CE440 (3) Geotechnical Eng <CE340/341>	CE432 (4) CE Design II <CE431>
CH131 (4) Chemistry I	CH132 (4) Chemistry II <CH131>	Sci Elective (4) BLY101, BLY121, GY111, GEO101, GEO102, or MAS134	ST315 (3) Prob & Statistics <MA125>	CE352 (3) Transportation <ST315, CE204/205>	CE353 (3) Transp Geom Design <CE352>	CE431 (2)* CE Design I	Tech Elective (3)
EH101 (3) Composition I	EH102 (3) Composition II <EH101>	EG283 (3) Statics <PH201, MA126>	EG284 (3) Dynamics <EG283>	CE384/385 (3/1) Struct Analy & Lab <EG315>	CE360/367 (2/1) Water Res I & Lab <EG360>	CE460 (3) Water Res II <EG360>	Tech Elective (3)
EG101 (2) Intro to Engineering <MA112>	PH201 (4) Phys I (cal based) <MA125, EH101>	CE204/205 (2/1) Surveying & Lab <CE102>	EG315 (3) Mech of Materials <MA227, EG283>	EG231 (3) Ethics & Eng Econ <MA126>	CE370/374 (3/1) Intro Env Eng & Lab <CH132, MA238>	CE470/471 (3/1) Water/Waste & Lab <CE360, CE370>	General Ed (3) L/H/FA or H/SBS
	CE102 (2) Intro to Civil Eng. <MA113>		General Ed (3) L/H/FA or H/SBS	EG360 (3) Fluid Mech <MA238, EG284>		Struct Design** (3/1) <CE 384/385>	
General Ed (3) L/H/FA or H/SBS		General Ed (3) L/H/FA or H/SBS	CA110 (3) Public Speaking		General Ed (3) L/H/FA or H/SBS		

< > indicates prerequisite courses; () indicates corequisite courses

Courses in shaded boxes indicate PCS course: C-grade or higher required

Courses in dashed-outline boxes - C-grade or higher required

* Prerequisite or corequisite of 3 of: CE 353, CE 470, CE 460, CE 440, and Structural Design

** CE 480/481 (Steel Design) in Fall or CE 485/486 (Concrete Design) in Spring

16 cr-hr	17 cr-hr	17 cr-hr	18 cr-hr	17 cr-hr	17 cr-hr	16 cr-hr	13 cr-hr
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General Education Requirements			
All students are required to take EH 101 and EH 102, English Composition I and II, plus 18 hours of general education courses			
Literature, Humanities and Fine Arts: 9 hrs total		History, Social Sciences, and Behavioral Sciences: 9 hrs total	
L/H/FA		H/SBS	
<u>Literature - 3 hrs required</u>		<u>History -3 hrs required</u>	
EH 215, 216	British Literature	HY 101, 102	History of Civilization
EH 225, 226	American Literature	HY 135, 136	US History
EH 235, 236	World Literature		
<u>Fine Arts - 3 hrs required</u>		<u>Social and Behavioral Sciences - 3 hrs required</u>	
ARH 100	Survey of Art	GS 101	Gender Studies
ARH 103, 123	Art History	AIS 201	Seasons of Life
ARS 101	Art Appreciation	AN 100, 101	Anthropology
DRA 110	Intro to Drama	CA 100, 211	Communications
MUL 101	Intro to Music	ECO 215, 216	Economics
		GEO 114, 115	Geography
		PSC 130	US Government
<u>Humanities - 3 hrs required</u>		PSY 120, 250, 121	Psychology
CA 110	Public Speaking	SY 109, 112	Sociology
		IS 100	Global Issues

BSCE Elective Requirements	
Two technical electives are required, at least one of which must be a "design-oriented" course. Students can take 2 courses from List A (design oriented) or one course from List A and one course from List B (non-design oriented).	
List A - Technical Electives (Design Oriented) - At least one required	
CE 442	Foundation Engineering
CE 466	Coastal & Port Engineering
CE 474	Industrial Waste Treatment
CE 482	Timber Design
CE 490	Special Topics (advisor approval required)
CE 480/481*	Design of Steel Structures and Lab
CE 485/486*	Reinforced Concrete Design and Lab
*Students must take both CE 480/481 and CE 485/486 to receive credit for a Tech Elective and Structural Design Course	

List B -Technical Electives (Non-Design Oriented)	
CE 410	Construction Engineering
CE 412	Mgmt & Sustainability of Civil Infrastructure
EG 450	Intro to Systems Engineering
GIT 460	Intro to GIS

Student Responsibility: The University of South Alabama will endeavor to provide timely and accurate advisement. However, students are ultimately responsible for selecting and registering for courses, meeting course pre-requisites and graduation requirements, and adhering to University policies and procedures.