

Bachelor of Science – Civil Engineering Degree Plan (checklist)

2014

Catalog: 2014-15
Expires: 08/01/2020

Last Name _____

First Name _____ M.I. _____

UTEP ID _____

NOTE: Overall GPA ≥ 2.0 AND In-Major GPA ≥ 2.0 REQUIRED for graduation

A Core Curriculum (44 SCH) (minimum of "C" grade required)		Semester Completed	Final Grade	SCH	Sub #
1 Communication (6 credit hours required)					
RWS 1301*	Rhetoric and Composition I				
RWS 1302*	Rhetoric and Composition II				
2 Mathematics (4)					
MATH 1411*	Calculus I				
3 Natural Science (7)					
CHEM 1305*+1105*	General Chemistry I & Lab				
CHEM 1306*	General Chemistry II				
4 Language, Philosophy, and Culture (3) Circle one:					
ENGL 2311*, 2312*, 2313*, 2314*, 2318*, FREN 2322*, HIST 2301*, 2302*, PHIL 2301*, PHIL 2306*, RS 1301*, SPAN 2340*, WS 2300*, WS 2350*					
5 Creative Arts (3) Circle one:					
ART 1300*, ARTH 1305*, 1306*, DANC 1304*, MUSL 1321*, 1324*, 1327*, THEA 1313*, FILM 1390*					
6 U.S. History (6)					
HIST 1301*	History of the U.S. to 1865				
HIST 1302*	History of the U.S. since 1865				
7 Government/Political Science (6) -- all must be completed at the same institution					
POLS 2310*	Introduction to Politics				
POLS 2311*	American Govt. & Politics				
8 Social and Behavioral Sciences (3)					
CE 2326*	Econ. For Engrs & Scientists				
9 Component Area Option (6)					
UNIV 1301*	Foundations of Engineering				
COMM 1302* or 1301*	Business/Profession. Comm.				

C Major: Required Lower Division Courses (20 SCH)		Semester Completed	Final Grade	SCH	Sub #
CE 1205*	Graphic Fundamentals in Engineering Design				
CE 2315*	Statics				
CE 2334*	Mechanics of Materials				
CE 2377*	Electro Mechanical Systems (IE 2377)				
CE 2338*	Mechanics II-Dynamics				
CE 2375*	Introduction to Thermal-Fluid Science				
CE 2341*	Engineering Analysis 1 (CS 1320)				

D Major: Required Upper Division Courses (51 SCH)		Semester Completed	Final Grade	SCH	Sub #
CE 3313	Engineering Measurements				
CE 3325	Environmental Engineering Fundamentals				
CE 3335	Geological Engineering (GEOL 3321)				
CE 3336	Civil Engineering Materials				
CE 3343	Structural Analysis I				
CE 3345	Structural Design I				
CE 3373	Engr Probability and Statistical Model (IE 3373)				
CE 3456	Hydraulic Engineering				
CE 4153	Water & Waste Laboratory				
CE 4188	Senior Design I				
CE 4195	Senior Professional Orientation				
CE 4288	Senior Design II				
CE 4334	Construction Management I				
CE 4340	Transportation Engineering				
CE 4342	Water and Wastewater Engineering				
CE 4348	Geotechnical Engineering				
CE 4361	Structural Design II				
CE 4375	Advanced Topics in Civil Engineering I				
CE 4376	Advanced Topics in Civil Engineering II				

B Foundational Math & Science (13 SCH)		Semester Completed	Final Grade	SCH	Sub #
MATH 1312*	Calculus II				
MATH 2313*	Calculus III				
MATH 2326*	Differential Equations				
PHYS 2420*	Introductory Mechanics				

SUBSTITUTIONS**			
Sub #	degree plan	on	it appears
example	CE 1205	other university	ENGR 13TR
1			
2			
3			

BSCE Total Hours 128

APPROVALS:	
ADVISOR _____	DATE _____
CHAIR _____	DATE _____

* -- C or better required