

Bachelor of Science – Civil Engineering Degree Plan (checklist)

2017

Catalog: 2016-17
Expires: 08/01/2023

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 Life and Physical Sciences (7)						
CHEM 1305*	General Chemistry					
CHEM 1105*	Laboratory for CHEM 1305					
CHEM 1306*	General Chemistry					
4 Language, Philosophy, and Culture (3) Select and circle one						
ENGL 2311*, 2312*, 2313*, 2314*, 2318*, FREN 2322*, HIST 2301*, 2302*, PHIL 1301*, 2306*, RS 1301*, SPAN 2340*, WS 2300*, 2350*						
5 Creative Arts (3) Select and circle one						
ART 1300*, ARTH 1305*, 1306*, DANC 1304*, FILM 1390*, MUSL 1321*, 1324*, 1327*, THEA 1313*						
6 American 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 6 SCH 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					
CS 1320*	Computer Programming Sci/Engr					

B Foundational Math & Science (9 SCH)		Semester	Completed	Final Grade	SCH	Sub #
MATH 1312*	Calculus II					
MATH 2313*	Calculus III					
MATH 2326*	Differential Equations					

C Major: Required Lower Division Courses (33 SCH)		Semester	Completed	Final Grade	SCH	Sub #
CE 1301*	Civil Engineering Fundamentals					
CE 1313*	Engineering Measurements					
CE 2315*	Statics					
CE 2334*	Mechanics of Materials					
CE 2335 ^a	Geological Engineering					
CE 2338*	Mechanics II-Dynamics					
CE 2343*	Structural Analysis I					
CE 2373 ^b	Engr Probability and Statistical Model					
CE 2375*	Introduction to Thermal-Fluid Science					
CE 2377 ^c	Electro Mechanical Systems					
CE 2385*	Environmental Engineering Fundamentals					

D Major: Required Upper Division Courses (42 SCH)		Semester	Completed	Final Grade	SCH	Sub #
CE 3334	Construction Management					
CE 3336	Civil Engineering Materials					
CE 3342	Water and Wastewater Engineering					
CE 3153	Water & Waste Laboratory					
CE 3345	Design of Concrete Structures					
CE 3348	Geotechnical Engineering					
CE 3361	Design of Steel Structures					
CE 3456	Hydrology and Hydraulic Engineering					
CE 4339	Geostructural Design					
CE 4340	Transportation Engineering					
CE 4188	Senior Design I					
CE 4288	Senior Design II					
CE 4195	Senior Professional Orientation					
CE 4375	Advanced Topics in Civil Engineering I					
CE 4376	Advanced Topics in Civil Engineering II					
CE 4377	Advanced Topics in Civil Engineering III					

NOTES:

- a -- GEOL 3321, Geology for Engineers, may be substituted.
- b -- IE 3373, Engr. Probability & Stat. Models, may be substituted.
- c -- IE 2377, Electro-Mechanical Systems, may be substituted

* -- C or better required

** -- official substitution form available at <http://engineering.utep.edu/plaza/AcademicForms/index.html>

BSCE Total Hours **128**

SUBSTITUTIONS**			
Sub #	Course on degree plan to substitute	Institution where course was taken	Course as it appears on UTEP Transcript
example	CE 1205	other university	ENGR 13TR
1			
2			
3			
4			

APPROVALS:	
ADVISOR	DATE
CHAIR	DATE