Bachelor of Science — Civil Engineering
Degree Plan (checklist)

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

<table>
<thead>
<tr>
<th>A</th>
<th>Core Curriculum (45 SCH)</th>
<th>Semester Completed</th>
<th>Final Grade</th>
<th>SCH</th>
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<td>Communication (6 credit hours required)</td>
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<td>RWS 1301* Rhetoric and Composition I</td>
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<td>MATH 1411* Calculus I</td>
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<td>Life and Physical Sciences (8)</td>
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<td>CHEM 1305* General Chemistry</td>
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<td>CHEM 1105* Laboratory for CHEM 1305</td>
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<td>PHYS 2320* Introductory Mechanics</td>
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<td>PHYS 2120* Laboratory for PHYS 2320</td>
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<td>POLS 2310* Introduction to Politics</td>
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<td>POLS 2311* American Govt. &amp; Politics</td>
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<td>CS 1320* Computer Programming</td>
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<td>MATH 1312* Calculus II</td>
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<td>MATH 2258* Differential Equations</td>
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<td>CE 1312* Engineering Measurements</td>
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<td>CE 2315* Statics</td>
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<td>CE 2334* Mechanics of Materials</td>
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<td>CE 2335* Geological Engineering</td>
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<td>CE 2338* or MECH 2340 Mechanics II-Dynamics or Thermal Physics or PHYS 3331</td>
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<td>CE 2343* Structural Analysis I</td>
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<td>CE 2373* Engr Probability and Statistical Model</td>
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<td>CE 2375* Introduction to Fluid Mechanics</td>
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<td>CE 2385* Environmental Engineering Fundamentals</td>
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<td>CE 3334 Construction Management</td>
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<td>CE 3342 Water and Wastewater Engineering</td>
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<td>CE 3345 Design of Concrete Structures</td>
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<td>CE 3361 Design of Steel Structures</td>
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<td>CE 3456 Hydrology and Hydraulic Engineering</td>
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<td>CE 4339 Geotechnical Design</td>
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<td>CE 4340 Transportation Engineering</td>
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<td>CE 4198 Senior Design I</td>
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<td>CE 4288 Senior Design II</td>
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<td>CE 4195 Junior Professional Orientation</td>
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<td>CE 4375 Advanced Topics in Civil Engineering I</td>
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<td>BIOL 1305*, CHEM 1306*, MATH 3323, (PHYS 2321* &amp; PHYS 2121*)</td>
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<td>POLS 3350, POLS 3351, POLS 4359, RWS 3359</td>
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NOTES:

a – GEOL 3321, Geology for Engineers, may be substituted.
* – C or better required
** Official substitution form available https://www.utep.edu/engineering/student-resources/student-resources-forms.html

BSCE Total Hours 128

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<th>Substitution**</th>
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APPROVALS:

ADVISOR

DATE

CHAIR

DATE

Rev. 05-18-2022