Bachelor of Science — Construction Engineering and Management
Degree Plan (checklist)

[Degree Plan Information]

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

A  Core Curriculum (44 SCH)
   (minimum of "C" grade required)
   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
      GEOL 1211*   Principles of Earth Sciences
      GEOL 1111*   Principles of Earth Sci - Lab
   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* or
      CS 1310*    Foundations of Engineering or
      COMM 1302*  Intro-Computational Thinking
      Business/Profession. Comm.

B  Foundational Math & Science (6 SCH)
   Semester Completed  Final Grade  SCH  Sub #
   MATH 1312*   Calculus II
   MATH 2313*   Calculus III

C  Major: Required Lower Division Courses (27 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 2375*   Introduction to Fluid Mechanics
   CE 2343*   Structural Analysis I
   CE 2335*   Geological Engineering
   CE 2373*   Eng. Probability and Statistical Methods
   ACCT 2301*  Principles of Accounting I

D  Major: Required Upper Division Courses (43 SCH)
   Semester Completed  Final Grade  SCH  Sub #
   CE 3334   Construction Management
   CE 3336   Civil Engineering Materials
   CE 3348   Geotechnical Engineering
   CE 4339   Geostuctural Design
   BLAW 3301  Legal Environment of Business
   FIN 3310   Business Finance
   CE 4386   Construction Law and Ethics
   CE 4382   Construction Cost Analysis and Bidding
   CE 4387   Construction Scheduling
   CE 4385   Construction Internship
   CE 4358   Construction Methods and Materials Lab
   CE 4158   Construction Safety
   CE 4354   Electrical and Mechanical Construction
   CE 4188   Senior Design I
   CE 4286   Senior Design II

NOTES:
   a -- GEOL 3321, Geology for Engineers, may be substituted.
   b -- EE 3373

   * -- C or better required
   ** Official substitution form available https://www.utep.edu/engineering/student-resources/student-resources-forms.html

BSCEM Total Hours  120

SUBSTITUTIONS**

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APPROVALS:

Advisor: ____________________________  Date: ____________________________
Chair: ____________________________  Date: ____________________________

Rev. 03-22-2021