### A. Core Curriculum (45 SCH)
(minimum of "C" grade required)

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<tr>
<th>Semester Completed</th>
<th>Final Grade</th>
<th>Sub #</th>
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1. Communication (6 credit hours required)
   - RWS 1301* Rhetoic and Composition I
   - RWS 1302* Rhetoic and Composition II

2. Mathematics (4)
   - MATH 1411* Calculus I

3. Natural Science (8)
   - CHEM 1305* General Chemistry
   - CHEM 1306* General Chemistry

4. Language, Philosophy, and Culture (3)
   - ENGL 2311*, 2312*, 2313*, 2314*, 2318*, FREN 2322*, HIST 2301*, 2302*, PHIL 1301*, PHIL 2306*, RS 1301*, SPAN 2340*, WS 2300*, WS 2350*

5. Creative Arts (3)
   - 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)
   - 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)
   - COMM 1301* Public Speaking
   - UNIV 1301* Fresh.Sem: Foundations of Engineering

B. Foundational Math & Science (10 SCH)

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- MATH 1312* Calculus II
- MATH 2313* Calculus III
- PHYS 2420* Introduction to Mechanics

C. Major: Required Lower Division Courses (20 SCH)

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- CE 1205* Graphic Fundamentals in Engineering Design
- CE 2315* Statics
- CE 2334* Mechanics of Materials
- CE 2377* Electro Mechanical Systems (IE 2377)
- CE 2375* Introduction to Thermal-Fluid Science
- COMM 1302* Business/Profession.Comm
- ACCT 2301* Principles of Accounting

D. Major: Required Upper Division Courses (45 SCH)

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- CE 3313 Engineering Measurements
- CE 3335 Geological Engineering (GEOL 3321)
- CE 3336 Civil Engineering Materials
- CE 3343 Structural Analysis I
- BLAW 3301 Legal Environment of Business
- MGMT 3303 Introduction to Management
- FIN 3310 Business Finance
- CE 4334 Construction Management I
- CE 4346 Geotechnical Engineering
- CE 4354 Electrical and Mechanical Construction
- CE 4382 Construction Cost Analysis and Bidding
- CE 4385 Construction Internship
- CE 4386 Construction Law and Ethics
- CE 4387 Construction Scheduling
- CE 4389 Construction Safety

NOTES:

- Grade of "C" or better required
- If student is not a Freshman, please see complete list of choices

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

ADVISOR DATE

CHAIR DATE

BSCM Total Hours 120