### Department of Civil, Construction, and Environmental Engineering

## Environmental (BSEnvE)

### Freshman Year

**Fall**  
15 Hours

- **CE 121** Intro to CCEE  
  (1)
- **MATH 125** Calculus I  
  MA (4)
- **ENGR 103** Engineering Foundations  
  (3)
- **EN 101** English Comp I  
  FC (3)
- **CH 101** Chemistry I  
  N (4)
- **HI/SB**
  
  Elective
  
  HI/SB (3)

**Spring**  
15 Hours

- **MATH 126** Calculus II  
  MA (4)
- **PH 105** Gen. Physics w/ Calculus I  
  N (4)
- **EN 102** English Comp II  
  FC (3)
- **CH 102**
  
  CE 320

**Approved Natural Science (N) Electives**

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<tr>
<th>BSCivE</th>
<th>BSConE &amp; BSArchE</th>
<th>BSEnvE</th>
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<td>Required: CH 101, PH 105, and either CH 102 or PH 106</td>
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<td>Approved Electives:</td>
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<td>GY 101 Atmospheric Processes</td>
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**Sophomore Year**

**Fall**  
16 Hours

- **ENGR 171** Engineering Graphics  
  (1)
- **MATH 115**  
  (4)
- **CE 260** Surveying  
  (2)
- **AEM 201**  
  (3)
- **AEM 250** Mechanics of Materials  
  (3)
- **CH 102** Chemistry II  
  N (4)

**Spring**  
16 Hours

- **ENGR 171**  
  (1)
- **MATH 115**  
  (4)
- **CE 260** Surveying  
  (2)
- **AEM 201**  
  (3)
- **AEM 250** Mechanics of Materials  
  (3)
- **CH 102** Chemistry II  
  N (4)

**Approval Notes**

- **1HI/SB** = History & Social Behavioral Science
- **1HUI/FA** = Humanities/Literature/Fine Arts
  - CE 220 and EC 110 are recommended as SB electives
  - Foreign language is recommended as HU electives

**KEY**

- *Prerequisite (must be taken before)*
- *Prerequisite (may be taken concurrently)*
- *Downward Dependencies (course(s) for which this course is a prerequisite)*

**Revision 2.1 April 17 2017**
## Department of Civil, Construction, and Environmental Engineering:
### Bachelor of Science in Environmental Engineering (BSEnvE)

**JUNIOR YEAR**

**Fall 16 Hours**
- CH 101
- AEM 311
- BSC 114/115 Principles of Biology N (4)

**Spring 16 Hours**
- CE 262
- AEM 250
- AEM 264
- AEM 311
- CE 378
- CE 425

**Fall 15 Hours**
- CE 320
- AEM 311
- CE 378
- ME 216
- MATH 126

**Senior Plan of Study Elective**

**Senior Year**

**Fall 16 Hours**
- CE 230
- CE 340
- CE 401
- CE 403
- CE 320
- CE 320
- CE 301
- CE 475

**Spring 16 Hours**
- CE 401
- CE 424
- CE 425
- CE 422
- CE 420
- CE 478
- CE 424

**Senior Plan of Study Elective**

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### Advising Notes

- **Plan of Study**

- **Senior Design Prequisite and Corequisite Requirements**
  - CE 401 Capstone Project - Site Design

- **Advising Notes**
  - *Please see the student guide to Senior Plan of Study Electives for a full list of electives and requirements.
  - All students must submit a Graduation Portfolio. Please see the student guide for further information.
  - All students are strongly encouraged to prepare for and take the Fundamentals of Engineering (FE) Exam during their senior year.

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### Department Notes

- **HI/SB** = History & Social and Behavioral Science
- **HU/L/FA** = Humanities/Literature/Fine Arts
- **C** = Computer Science
- **W** = Writing
- **N** = Natural Science

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**Revision 2.1 April 17 2017**