

Bachelor of Science in Environmental Engineering

| FRESHMAN YEAR | | | SOPHOMORE YEAR | | |
|------------------|---|---------------------|------------------|---|---|
| Fall 15 Hours | | | Fall 16 Hours | | Spring 16 Hours |
| | MATH 125 Calculus I MA (4) | MATH 126 PH 105 | | MATH 227 Calculus III MA (4) | AEM 311 |
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| | CH 100 or 101 Chemistry I N (4) | CH 102 CE 320 | | Approved Natural Science N (4) | |
| | | | | | |
| | ENGR 103 Engineering Foundations (3) | AEM 201 ENGR 171 | | CE 260 Surveying (2) | |
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| | CE 121* Intro to CCEE (1) | | | AEM 201 Statics (3) | AEM 250 AEM 264 AEM 311 CE 262 |
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| | EN 101 English Comp I FC (3) | EN 102 | | GES 255 Engineering Statistics (3) | CE 420 |
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| Approved Natural Science (N) | Advising Notes | |
|--|--|---|
| Choose one from this list. GEO 101, 102, 104 or 105, OR GY 101, 102, 202 or 207 Note: Natural Science Elective must be an "Earth" science. | HU/L/FA = Humanities/Literature/Fine Arts • Foreign language is recommended as HU HI/SB = History/Social and Behavioral Science • EC 110 is recommended as SB FC = Freshman Composition W = Writing MA = Mathematics C = Computer Science | <ul style="list-style-type: none"> • A grade of C- or higher is required in each course that is a prereq to any course needed to meet degree requirements. • Honors College participants refer to your DegreeWorks for Honors College requirements and course options. • A max of 12 hours of 300/400 level courses can be transferred. • Students are limited to a max of three attempts per course offered by the College, excluding withdrawals. |
| Required: CH 100 or 101, AND PH 105 AND CH 102 AND BSC 114/115 | *ENGR 111 or any engineering major intro course will meet requirements of CE 121. | |

| KEY | | |
|---|----------------------------------|-------------------------------|
| Prerequisite Course(s) | Course ### Title (Credits) | Downward Depend- encies |
| Corequisite Course(s) | | |
| This is a coursework planning tool. The UA Undergraduate Catalog contains the official listing of academic information. | | |

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| Fall 16 Hours | | | JUNIOR YEAR Spring 15 Hours | | | Fall 15 Hours | | | SENIOR YEAR Spring 16 Hours | | |
|---------------------|---|--|-----------------------------------|---|--------|------------------|--|--------|--|---|--|
| AEM 201 MATH 227 | AEM 311 Fluid Mechanics (3) | CE 378 | AEM 250 CE 262 | CE 340 Geotechnical Engineering W (4) | CE 405 | CE 320 | CE 422 Solid & Hazardous Waste Mgmt Fall Only (3) | | CE 320 CE 378 GES 255 | CE 420 Environmental Measurements Spring Only (3) | |
| CH 101 | CE 320 Intro to Environmental Engineering (3) | CE 405 CE 420 CE 422 CE 424 CE 425 | AEM 264 AEM 311 | CE 378 Water Resources Engineering (3) | CE 405 | CE 320 | CE 424 Water & Wastewater Treatment Fall Only (3) | CE 405 | | Senior Plan of Study Elective (3) | |
| | BSC 114/115 Principles of Biology I N (4) | | AEM 311 CE 320 | CE 425 Air Quality Engineering Spring Only (3) | CE 405 | CE 378 | CE 475 Hydrology Fall Only (3) | CE 405 | | Senior Plan of Study Elective (3) | |
| | COM 123 HU/L/FA (3) | | MATH 126 | ME 216 Thermal Engr Survey or ME 215 Thermodynamics I (3) | | | Senior Plan of Study Elective (3) | | CE 320 CE 340 CE 378 CE 424 CE 425 CE 475 | CE 405 Capstone Design: Site W (4) | |
| | HI/SB Elective (3) | | | HI/SB Elective (3) | | | HU/L/FA Elective (3) | | | HU/L/FA Elective (3) | |

Senior Plan of Study Electives
See department guide for electives.

CE 405 Capstone Design Site: EnvE
Prerequisites (C- or greater) : CE 320, CE 340, and CE 378
Prerequisites with concurrency (can be taken concurrently): CE 424, CE 425, and CE 475

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[CoE Students](#)

Department of Civil, Construction and Environmental Engineering

Rev 10/01/2021 PAP