# Environmental and Sustainable Engineering

**Major Academic Pathway (MAP)**  
Bachelor of Arts

## Fall Semester 1
- AMat 112 **MS**  
- AChm 120 **NS**  
- AChm 124  
- IEse 110  
- ABI 130  
- UUNI 110 **WCI**

## Spring Semester 1
- AMat 113  
- AChm 121  
- AChm 125  
- ICsi 201  
- Social Science **SS**  
- US Historical Perspectives Gen Ed **US**

## Summer 1
- Consider coursework  
- Look for a summer job in the area of your studies

## Fall Semester 2
- ABI 201  
- APhy 140  
- APhy 145  
- AMat 214  
- ICen 210  
- IEse 201

## Spring Semester 2
- IEse 202  
- IEse 221  
- HSph 321  
- AMat 311  
- Humanities **HU**  
- International Perspectives **IP**

## Summer 2
- Consider study abroad options

## Fall Semester 3
- IEse 301  
- IEse 321  
- AMat 370  
- IEse 351  
- AAtm 210  
- Challenges 21\textsuperscript{st} Century Gen Ed **CH**

## Spring Semester 3
- IEse 381  
- IEse elective  
- IEse elective  
- AEnv 250  
- Foreign Language **FL**

## Summer 3
- Summer internship or shadowing opportunities

## Fall Semester 4
- IEse 432  
- IEse 451  
- IEse 411  
- IEse 471  
- IEse elective

## Spring Semester 4
- IEhs 560  
- IEse 497  
- IEse 431  
- IEse 412  
- Arts **AR**

## Congratulations!

### General Education Requirements, for students matriculating Fall 2014 or after

- **MS** Mathematics and Statistics  
- **WCI** Writing and Critical Inquiry  
- **AR** Arts  
- **HU** Humanities  
- **NS** Natural Sciences  
- **SS** Social Sciences  
- **US** U.S. Historical Perspectives  
- **IP** International Perspectives  
- **FL** Foreign Language (one semester of collegiate study, or the equivalent, of a foreign language)  
- **CH** Challenges for the 21\textsuperscript{st} Century

### Credit bearing Professional Development Options:

- RSSW 290, 291 and 390 – Community Service  
- Research within major  
- University internship  
- Departmental Internship  
- Community Engaged Coursework  
- Study Abroad  
- Tutoring opportunities

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Note: This is a suggested course sequence  
Updated May 2019