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|------|-----|------|
| Name | ID# | Date |
|------|-----|------|

## Planning Sheet: ENVIRONMENTAL STUDIES Environmental Sustainability/HECUA Track

(Effective Fall 2011. This major consists of 14 courses)

**Environmental Studies Core Requirements:** Complete the following courses.

| <u>Term</u> | <u>Grade</u> | <u>Course #</u> | <u>AugCore</u> | <u>Title</u>                              |
|-------------|--------------|-----------------|----------------|---|
| ___         | ___          | ENV 100         | SBS            | Environmental Connections                 |
| ___         | ___          | SWK 210         |                | Environmental Justice and Social Change   |
| ___         | ___          | HIS 316         |                | U.S. Urban Environmental History          |
| ___         | ___          | SBS 499         | KC             | Environmental Studies Independent Project |

Select and complete one (1) of the following courses:

|     |     |                 |     |                          |  |
|-----|-----|-----------------|-----|--------------------------|--|
| ___ | ___ | ENL 270         | HUM | <input type="checkbox"/> | Themes: Environmental Literature<br>(Pre- or coreq: ENL 111 or 112 or HON 111) |
|     |     | REL 313/WST 313 |     | <input type="checkbox"/> | Environmental Theology and Ethics (Center for Global Education)                |

**Complete the following courses offered through the Higher Education Consortium for Urban Affairs (HECUA).**

This semester of courses, titled "Environmental Sustainability: Science, Politics and Public Policy" is generally taken the fall of junior year. For more information, please contact your Environmental Studies faculty advisor.

|     |     |         |    |                          |   |
|-----|-----|---------|----|--------------------------|---|
| ___ | ___ | INS 345 |    | <input type="checkbox"/> | Social Dimensions of Environmental Change |
| ___ | ___ | INS 346 |    | <input type="checkbox"/> | Adaptive Ecosystem Management             |
| ___ | ___ | INS 399 | AE | <input type="checkbox"/> | Internship (2 course credits)             |

### Biology Requirements:

|     |     |         |            |  |   |
|-----|-----|---------|------------|--|---|
| ___ | ___ | BIO 151 | NSM-L & EM |  | Introductory Biology (Prereq: MPG 3 or concurrent registration in MAT 105, and concurrent registration in CHM 105 or 115) |
| ___ | ___ | BIO 152 | NSM-L      |  | Ecology, Evolution and Diversity (Prereq: MPG 3 & BIO 151)  |
| ___ | ___ | BIO 481 |            |  | Ecology (Must have pre-requisites waived by professor to take course)   |

**Chemistry:** Select and complete 1 of the following Chemistry sequences, depending on your math placement level.

|     |     |         |       |  |  |
|-----|-----|---------|-------|--|--|
| ___ | ___ | CHM 115 | NSM-L |  | General Chemistry I (Prereq: HS Chemistry & MPG 4) |
| ___ | ___ | CHM 116 | NSM-L |  | General Chemistry II (Prereq: CHM 115)             |

**OR**

|     |     |         |       |  |  |
|-----|-----|---------|-------|--|--|
| ___ | ___ | CHM 105 | NSM-L |  | Principles of Chemistry I (Prereq: MPG 3)              |
| ___ | ___ | CHM 106 | NSM-L |  | Principles of Chemistry II (Prereq: CHM 105 and MPG 3) |

### Notes:

- **Keystone:** ENV 490 will meet the Keystone requirement.
- **Abbreviation Key:** ML = Modern Language; SC = Signature Curriculum; EM = Engaging Minneapolis; AE = Augsburg Experience; KC = Senior Keystone Course; NSM = Natural Science & Mathematics - no lab; NSM-L = Natural Science & Mathematics-with lab; SBS = Social & Behavioral Science; FA = Fine Arts; HUM = Humanities; QA = Quantitative Applications; QF = Quantitative Foundations; QFA = Quantitative Foundations & Applications.

**See back for information on graduation skills requirements**

## Planning Sheet: GRADUATION SKILLS REQUIREMENTS

These requirements were implemented for Fall 2008. Please talk with your faculty advisor for information.

**Graduation skills, including the Quantitative Reasoning requirements, are completed as follows.** Graduation skills in Critical Thinking, Writing, Speaking, and Quantitative Reasoning are required for graduation. Critical Thinking is embedded in all majors. Plans for completion of other graduation skills are determined by the major department. Consult your department chair or faculty advisor to select appropriate courses to meet the Quantitative Reasoning (QR) graduation skill. QR is satisfied by completing one (1) Quantitative Foundational course (QF) and one (1) Quantitative Application course (QA), or one (1) combined QFA course. The most current information on Graduation Skills can be found in the Augsburg College catalog at [www.augsburg.edu/catalog/](http://www.augsburg.edu/catalog/).

**Transfer students must consult an advisor about potential adjustments to their course requirements to fulfill each graduation skill.**

| Designated Major Course | GRADUATION SKILLS – Environmental Studies/HECUA   |            | Completed |
|-------------------------|---|------------|-----------|
| Embedded in major       | <b>Writing Requirements</b><br>TWO (2) Writing courses  |            |           |
| Embedded in major       |   |            |           |
| Embedded in major       | <b>Speaking</b><br>One (1) Speaking course  |            |           |
| Designated Major Course | QUANTITATIVE REASONING  |            | Completed |
| Embedded in major       | <b>Quantitative Foundations &amp; Applications</b><br>One (1) QFA course (Prereq: MPG3)   | QFA course |           |
| <b>– OR –</b>           |   |            |           |
| Embedded in major       | <b>Quantitative Foundations and Quantitative Applications</b><br>One (1) QF course (Prereq: MPG 3) <b>and</b> one (1) QA course |            | QF course |
| Embedded in major       |   |            | QA course |

## Graduation Tally Checklist

These requirements were implemented in April 2003 and remain in effect until further notice.

| Requirement  | Progress Towards Completion |            |
|--|-----------------------------|------------|
| <b>Cumulative Course Credits</b> <ul style="list-style-type: none"> <li>▪ Minimum number of course credits needed for graduation = <b>32</b></li> <li>▪ At least 8 credits completed at Augsburg.</li> <li>▪ 6 of last 8 credits completed in residence.</li> <li>▪ Second degree – minimum of 8 credits completed in residence.</li> </ul>  | Transfer Credits Earned     |            |
|  | + Aug. Credits Earned       |            |
|  | = Total Credits Earned      |            |
|  | # Credits Needed            |            |
| <b>Grade Point Average (GPA)</b> <ul style="list-style-type: none"> <li>▪ Minimum 2.0 GPA required in major, minor, &amp; overall.</li> <li>▪ Some majors require higher GPA.</li> <li>▪ Latin Honors GPA requirements:                             <ul style="list-style-type: none"> <li>○ Summa cum laude: 3.9-4.0</li> <li>○ Magna cum laude: 3.80-3.89</li> <li>○ Cum laude: 3.60-3.79</li> </ul> </li> </ul> | Cumulative GPA              |            |
|  | Major 1 GPA                 |            |
|  | Major 2 GPA                 |            |
|  | Minor GPA                   |            |
| Other Limits   | Minimum/Maximum             | Your Total |
| <b>Overall maximum courses graded Pass/No Pass (P/N)</b> <ul style="list-style-type: none"> <li>▪ Grade of 2.0 or above required to Pass and earn credit for course.</li> <li>▪ Maximum of 2 of 6 credits P/N may be in major.</li> </ul>  | Maximum of 6                |            |
| <b>Major Courses graded Pass/No Pass (P/N)</b>   | Maximum of 2                |            |
| <b>Latin Honors courses graded Pass/No Pass (P/N)</b>  | Maximum of 2                |            |
| <b>Latin Honors traditionally graded courses</b>   | Minimum of 14               |            |
| <b>Internships</b>   | Maximum of 4                |            |
| <b>Independent/Directed Studies</b>  | Maximum of 2                |            |

## Sample Four-Year Plan (B.A.)

This is a possible plan for the Bachelor of Arts in Environmental Studies/HECUA track, though there are many configurations of courses. Students should limit lab courses to two per term. Students may want to consider an additional major or minor in fields such as biology, political science, women's studies, or history.

### Freshman Year

#### Fall Term (4)

BIO 151  
CHM 105 or 115  
LAF Course  
ENL 111  
AugSem

#### Spring (4)

BIO 152  
CHM 106 or CHM 116  
ENV 100  
REL 100  
HPE 001

### Sophomore Year

#### Fall Term (4)

BIO 481  
SWK 210  
Major/Minor or Elective  
Modern Language  
HPE Skill

#### Spring (4)

ENL 270  
Major/Minor or Elective  
Major/Minor or Elective  
Modern Language

### Junior Year

#### Fall Term (4)

INS 345 (HECUA)  
INS 346 (HECUA)  
INS 399 (2 credits – HECUA)

#### Spring (4)

LAF Course  
REL 200  
Major/Minor or Elective  
Major/Minor or Elective

### Senior Year

#### Fall Term (4)

HIS 316  
LAF Course  
Major/Minor or Elective  
Major/Minor or Elective

#### Spring (4)

ENV 490  
LAF Course  
Major/Minor or Elective  
Major/Minor or Elective

## What can I do with an Environmental Studies major?

Environmental Studies pursues a multifaceted examination – across the natural sciences, social sciences, humanities, and professional studies – of the interdependence shared by people and nature. Graduates of the program may pursue vocations in non-profit organizations, government policy and planning positions, law, education, ministry, and corporate settings, some of which may require graduate school. Some positions include:

|                                  |                          |
|----------------------------------|--------------------------|
| Environmental Lawyer             | Researcher               |
| Writer                           | Park Ranger              |
| Lobbyist                         | Naturalist               |
| Ecologist                        | Fundraiser               |
| Alternative Energy Specialist    | Parks Planner            |
| Organic Food Grower              | Water Quality Specialist |
| Environmental Compliance Officer | Soil Scientist           |
| EPA Inspector                    | Teacher                  |
| Professor                        | Public Health Inspector  |

For more information on possible careers in environmental studies, please talk with your faculty advisor, and also the Center for Service, Work and Learning.

## Environmental Studies

The Environmental Studies major is a collaboration between faculty from history, social work, political science, chemistry, biology, and English. You may contact the following faculty for more information on the program.

John Zobitz, Director  
Assistant Professor, Mathematics  
E-mail: [zobitz@augsborg.edu](mailto:zobitz@augsborg.edu)

Ralph Butkowski  
Assistant Professor, Biology  
E-mail: [butkowsk@augsborg.edu](mailto:butkowsk@augsborg.edu)

Michael J. Lansing  
Assistant Professor, History  
E-mail: [lansing@augsborg.edu](mailto:lansing@augsborg.edu)

Kristen Chamberlain  
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