Environmental Science
(Concentration in Ecology and Organismal Biology)

Graduation Check Sheet
124 credits required
Fall 2010

UNIVERSITY REQUIREMENTS
All requirements must be fulfilled as indicated in the University Catalog. Exceptions are granted only in extenuating circumstances and only by the Office of Academic Programs.

MAJOR REQUIREMENTS
(64-67 credits)

<table>
<thead>
<tr>
<th>COURSE</th>
<th>TITLE</th>
<th>CR</th>
<th>GRADE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENSC 101</td>
<td>Introduction to the Environment</td>
<td>3</td>
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<tr>
<td>BISC 207</td>
<td>Introductory Biology I</td>
<td>4</td>
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<tr>
<td>BISC 208</td>
<td>Introductory Biology II</td>
<td>4</td>
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<tr>
<td>ENWC 201</td>
<td>Wildlife Conservation and Ecology</td>
<td>3</td>
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<tr>
<td>CHEM 103</td>
<td>General Chemistry I</td>
<td>4</td>
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<tr>
<td>CHEM 104</td>
<td>General Chemistry II</td>
<td>4</td>
<td></td>
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<tr>
<td>GEOL 107</td>
<td>General Geology</td>
<td>4</td>
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<tr>
<td>MATH 241</td>
<td>Analytic Geometry and Calculus A</td>
<td>4</td>
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<td>MATH 242</td>
<td>Analytic Geometry and Calculus B</td>
<td>4</td>
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<tr>
<td>GEOG 271</td>
<td>Introduction to Geographic Data Analysis</td>
<td>4</td>
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<tr>
<td>PHYS 201 or PHYS 207</td>
<td>Introductory Physics I or Fundamentals of Physics</td>
<td>4</td>
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<tr>
<td>ENSC 450</td>
<td>Proseminar: The Environment</td>
<td>3</td>
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Second Approved Writing Requirement
Any three credit course satisfying the College of Arts and Sciences Second Writing Course requirement. Recommended courses are: ENGL 301, ENGL 312, ENGL 410, and ENGL 415.

(*ENSC 450) *

Foreign Language Requirement
(0-12 credits)

Credits for these courses should not be counted in the total number of credit hours as they have already been included elsewhere on this checksheet.

*Dependent on concentration; see concentration details for specifics.

PROGRAM BREADTH REQUIREMENTS
These program breadth courses, when combined with University breadth courses must represent at least two departments or appropriate instructional units in each category.

(9 credits)

<table>
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<tr>
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<tbody>
<tr>
<td>ENGL 110</td>
<td>Critical Reading and Writing (minimum C-)</td>
<td>3</td>
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<tr>
<td>ENGL 110</td>
<td>First Year Experience/FYE</td>
<td>0-4</td>
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<tr>
<td>ENGL 110</td>
<td>Discovery Learning Experience (DLE)</td>
<td>3</td>
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<tr>
<td>ENGL 110</td>
<td>Multicultural Course</td>
<td>3</td>
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Creative Arts and Humanities

3

History and Cultural Change

3

Social and Behavioral Sciences

3

Mathematics, Natural Sciences, and Technology

3

University Breadth Requirements
(12 credits)

Creative Arts and Humanities

3

History and Cultural Change

3

Social and Behavioral Sciences

3

Mathematics, Natural Sciences, and Technology

3

*Credits for these courses should not be counted in the total number of credit hours as they have already been included elsewhere on this checksheet.

Environmental Science – Concentration in Ecology and Organismal Biology
### CONCENTRATION REQUIREMENTS

**BISC 302** General Ecology 3
**BISC 495** Evolution 3
**ENWC 205** Elements of Entomology 3
**ENWC 325** Wildlife Management 3

Six additional credits from the following: 6 credits

**BISC 317** Tropical Ecology 3
**BISC 321** Environmental Biology 3
**ENWC 418** Ornithology 3
**ENWC 419** Biological Control 3
**ENWC 425** Mammalogy 3
**ENWC 435** Wildlife Population Dynamics 3
**ENWC 444/** **BISC 440** Conservation of Tropical Biodiversity 3
**ENWC 456** Conservation Biology 3
**ENWC 620** Behavioral Ecology 3
**MAST 427/** **MAST 627** Marine Biology 3
**MAST 629** Topics in Marine Ecology 1-6

See catalog for restrictions.

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Minimum Credit Hours Required for Graduation = 124

Your Total Credit Hours: ____________

Major requirements are approved by your advisor and the department chair or designee:

Advisor’s Signature: ____________________________

Department Designee: ____________________________

Student Signature: ____________________________

Signature of the Office of Academic Programs: ____________________________

Comments: Please attach additional information on course substitutions or waivers if necessary. All changes to Departmental/Major requirements must be approved in writing by the Department Chair. All changes to University/College requirements require approval of the Assistant Dean for Student Services.

### NOTES:

**RE: University Breadth Requirements**

Students may not use a course that is cross-listed with a subject area that has already been used to satisfy a university breadth requirement. Students enrolled in a single major may not satisfy the breadth requirement with courses in the subject area of that major (e.g., chemistry majors may not use CHEM courses). Students who are enrolled in more than one major or degree are allowed to meet the University breadth requirement by taking approved breadth courses from within the subject areas of their majors.

**RE: Foreign Language Requirement**

Completion of the intermediate-level course (107 or 112 or 214) in an ancient or modern language. The number of credits needed and initial placement will depend on the number of years of high school study of foreign language. Students with four or more years of high school work in a single foreign language, or who have gained proficiency in a foreign language by other means, may attempt to fulfill the requirement in that language by taking an exemption examination through the Foreign Languages and Literatures Department.

Other:

It is possible that courses taken to fulfill Major requirements also may be used to fulfill University or College requirements; check your catalog and with your advisor for restrictions.

In the case that one course fulfills two requirements, be advised that the credits count only ONCE toward the overall total. For example, using HIST 103 to fulfill both the multicultural course and the History and Cultural Change breadth requirement may be allowed; however, only 3 credits are counted toward the degree total.