# Checklist of Environmental Studies Major Requirements, 2016-17

To be completed, signed by student and adviser, and returned to ES Program Office with Declaration of Major Form

## I. Social Science & Humanities Courses Required of All ES Majors

In the columns below, insert a semester and year (e.g. F16) to indicate courses taken and to be taken. Number of credits, disciplinary designation and semester next offered are listed in parentheses. e.g., (4NS, F16) = 4 credits of natural science offered in fall 2016.

<table>
<thead>
<tr>
<th>Taken</th>
<th>To Be Taken</th>
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- ENVS101 Environment and Society (4SS Offered every semester)
- ENVS208 Environmental Policy (4SS Offered every semester)
- OR ECON231 Environmental Economics (4SS, S17)
- ENVS201 Nature, Culture & Interpretation (4HU S17—2 sections)

## II. Social Science & Humanities Courses Meeting Additional Credit Requirements

Majors must take 3 additional full courses from the list below in either Social Science or Arts and Humanities.

**Social Science (SS) Courses:**

- ECON/ENVS231 AND ENVS/POLT208 (include only if you are taking both)
- ANTH212 Ecological Perspectives on Small-Scale Societies (4SS, F16)
- ECON/ENVS331 Natural Resource Economics (4SS, 2017-18)
- ENVS222 Local vs. Global: Environmental Issues Beyond Borders (4SS, S18)
- ENVS225 Indigenous Peoples and Climate Change (4SS, F16)
- ENVS322 Energy and Society (4SS, S17)
- ENVS323 Global Environmental Politics (4SS, F16)
- ENVS324 Natural Resources and Conflict (4SS, S17)
- ENVS327 Indigenous Environmentalism (4SSAH, S17)
- ENVS342 (formerly 223) Political Ecology (4SS, F16)
- ENVS354 Practicum in Ecological Communication (4SS, F17)
- ENVS390 Sustainable Cities: Theory, Analysis and Design (4SS, F16)
- POLT312 Mastering Nature: The Politics of Science and Technology in the Middle East (4SS, F16)

Courses from “Alternate List” (available in Program office, specify courses)

**Humanities (HU) Courses:**

- ENGL223 Meaning and Being: Nature in 19th-Century American Narrative (4HU, F16)
- ENVS244 Society and Environment in Latin America and the Caribbean (4SS, S17)
- ENGL255 The Concept of Nature in Early American Writing (4HU, S17)
- ENGL366 Nature and Transcendentalism (4HU, S17)
- ENVS219 Climate Change: Ethics, Equity, Narratives (4HU, S19)
- ENVS301 Community Engagement and Public Humanities (2HU, F18)
- ENVS/CAST302 American Agricultures (4HU, F18)
- RELG248 Religion, Ethics and the Environment (4HU, S17)

Courses from “Alternate List” (available in Program office, specify courses)

## III. Natural Science Courses Required of All Majors

The following three courses must be taken. (Note that between III and IV a minimum of one NS course with lab is required.

- BIOL103 Environmental Biology (4NS, S17) OR BIOL 200 Evolution and Ecology (4NS, S17)
  
  (Previously offered BIOL 102 Genetics, Evolution and Ecology can also count toward the major.)
- CHEM101 Structure & Reactivity (4NS, F16) OR CHEM102 Chemical Principles (4NS, S17) OR CHEM103 Topics in General Chemistry (4NS, F16) OR CHEM051 Chemistry and the Environment (4NS, F16)
- GEOL120 Earth’s Environments (4NS, every semester)

## IV. Natural Science Courses Meeting Additional Credit Requirements

An additional full credit NS course must be selected from courses on the following list or that count for full credit toward BIOL, CHEM, GEOL or PHYS majors.

<table>
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<tr>
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- ENVS316 Systems Ecology (4NS, F17)
- ENVS340 Systems Modeling: Systems Thinking (4NS, S18)
- PHYS068 Energy Science and Technology (4NS, S17)
- PHYS103 Elementary Physics I (4NS, F16)

NS Courses from “Alternate List” (available in Program office, specify courses)
V. RESEARCH METHODS REQUIREMENT:

Circle the research methods course you have taken or plan to take. In the space indicate semester taken or to be taken. Courses listed here and elsewhere on the checklist may count towards multiple requirements.

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>CAST300 (S17) Field Based Research</td>
<td>GEOL 235 (F16) Applied GIS</td>
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<tr>
<td>CHEM211 (F16) Analytic Chemistry</td>
<td>GSFS305 (F16) Feminist Research Methodologies</td>
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<tr>
<td>ECON255 (F16, S17) Introduction to Econometrics</td>
<td>PHIL201 (S17) Reason and Argument</td>
</tr>
<tr>
<td>ENGL255 (S17) Nature in Early American Literature</td>
<td>PSYC200 (F16, S17) Research Methods I</td>
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<tr>
<td>ENGL299 (F16, S17) Intro to the Advanced Study of Literature</td>
<td>SOCI301 (F16) Social Research Methods</td>
</tr>
<tr>
<td>ENVS316 (F16) Systems Ecology</td>
<td>STAT113 (F16, S17) Introduction to Statistics</td>
</tr>
<tr>
<td>ENVS340 (S18) System Models: System Thinking</td>
<td>STAT215 (F16) Statistics and Modeling</td>
</tr>
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Approved methods courses from “Alternate List” (available in Program office, specify courses)

Other Course-Related Requirements:
- At least five full courses completed for the ES major must be taken at Oberlin; no more than three study away or transfer courses will count towards the ES major.
- Courses cross-listed in two departments (e.g., ENVS208 and POLT208) can be taken in either department.
- First year seminar program (FYSP) courses do not count toward the ES major.
- Minimum grades of C- (or P) must be earned in order for courses to be applied to the ES major or minor.
- A maximum one full course of combined private reading (ENVS995) and independent research or honors (ENVS501-4 Full) can be counted towards the ES major. The faculty sponsor, in consultation with the ES program director, will determine whether a given private reading may count as credit towards NS or SS/HU requirements.

General Requirements:
- If ES requirements change after the major is declared, students can choose to comply with either the requirements in place at the time of their declaration of major or the revised requirements.

Curricular Pathways Requirements:
“Curricular Pathways for ES Majors”, available in the ES Program office or on the ES website, describes complete pathway requirements and provides templates for the pathway proposal, capstone proposal and pathway report.
- A curricular pathway must be selected at the time the major is declared (specify in space provided below)
- A draft pathway proposal, incorporating a statement of goals and intent and a course trajectory is due to the adviser no later than two weeks before fall break in the first semester of junior year or by the end of the semester when the student declares (if declaring in junior year or later). A final draft, reviewed and accepted by the adviser, must be turned in no later than one week after break.
- A capstone proposal is due no later than fall or spring break the semester prior to undertaking the capstone project.
- A draft of the pathway report is due to the adviser no later than two weeks before spring break senior year (fall break for December graduates). A final draft, reviewed and accepted by adviser, must be turned in no later than one week after break.

Pathway Focal Area ____________________________________________________________

Student _________________________________              __________________________________      Date_______________

Name (print)     Signature

Advisor____________________________________          _________________________________        Date________________

Name (print)                 Signature

ENVS Program Director  ___________________________________________________________         Date________________

Signature