

**Environmental Studies Major Worksheet**  
**Social Science Track\***  
2011-2012

1. Introduction to Environmental Studies
  - ES 137
  
2. Natural Science study of the environment (*two courses from, one must carry ES Dept designation*)

<ul style="list-style-type: none"><li><input type="checkbox"/> Bi/ES 226</li><li><input type="checkbox"/> Bi/ES 228</li><li><input type="checkbox"/> ES 245</li><li><input type="checkbox"/> ES 255</li><li><input type="checkbox"/> ES 281/381 when taught with natural science focus and approved by Chair</li><li><input type="checkbox"/> Bi/ES 320</li><li><input type="checkbox"/> Bi/ES 350</li></ul>	<ul style="list-style-type: none"><li><input type="checkbox"/> Bio 224</li><li><input type="checkbox"/> Bio 226 or 261</li><li><input type="checkbox"/> Chem 124</li><li><input type="checkbox"/> Chem 255/256</li><li><input type="checkbox"/> Phys 123</li><li><input type="checkbox"/> Bio/Chem 391 when taught with environmental science focus and approved by Chair</li></ul>
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3. Arts and Humanities study of the environment (*two courses from*)

<ul style="list-style-type: none"><li><input type="checkbox"/> ES 202</li><li><input type="checkbox"/> ES 222</li><li><input type="checkbox"/> ES 270</li><li><input type="checkbox"/> ES 281/381 when taught with arts and humanities focus and approved by Chair</li></ul>	<ul style="list-style-type: none"><li><input type="checkbox"/> Hist 245</li><li><input type="checkbox"/> Hist 275</li><li><input type="checkbox"/> Phil 257</li><li><input type="checkbox"/> Eng 276</li></ul>
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4. Methodological Analysis (*one course from*)

<ul style="list-style-type: none"><li><input type="checkbox"/> ES 255</li><li><input type="checkbox"/> Stat 110</li><li><input type="checkbox"/> Stat 212</li><li><input type="checkbox"/> Stat 263</li></ul>	<ul style="list-style-type: none"><li><input type="checkbox"/> Stat 272</li><li><input type="checkbox"/> SA 371</li><li><input type="checkbox"/> Psych 230</li><li><input type="checkbox"/> PS 220</li></ul>
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5. Economic Analysis (*two courses from*)
  - Econ 121 (or Econ 110-120)
  - Econ 242
  
6. Environmental Political Policy & Institutions (*one course from*)
  - ES/PS 201
  - ES 232
  - ES/PS 276
  
7. Social Science Electives (*two courses from*)

<ul style="list-style-type: none"><li><input type="checkbox"/> ES/PS 201</li><li><input type="checkbox"/> ES/PS 225</li><li><input type="checkbox"/> ES 232</li><li><input type="checkbox"/> ES/PS 276</li><li><input type="checkbox"/> ES 281/381 when taught with social science emphasis and approved by Chair</li><li><input type="checkbox"/> Econ 243</li></ul>	<ul style="list-style-type: none"><li><input type="checkbox"/> Psych 227</li><li><input type="checkbox"/> PS 221</li><li><input type="checkbox"/> SA 222</li><li><input type="checkbox"/> SA 297</li><li><input type="checkbox"/> ID 234</li></ul>
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8. Senior Capstone
  - ES 399
  
9. Experiential Component (see reverse)

\* Double counting of courses for multiple requirements is not permitted. For example, consider ES 255. If it is used to meet requirement #2, then it cannot apply to #4 and vice versa.

# Experiential Component in Environmental Studies: Guidelines & Planning

The experiential component blends academic study and environmental experiences. The combination should approximate the time and effort required in one full course. The component must be completed as a separate unit in addition to ENVST 399/98 Senior Capstone or Independent research. To assist you with the process of constructing and executing an activity that meets the guidelines below, a planning document has been created. *Please complete the planning form and have it approved prior to registering for a course, engaging in independent research, independent study, or an internship.* Referenced links can be found at <http://www.stolaf.edu/depts/environmental-studies/experientialguidelines.html>

The component may be satisfied in either of two ways:

**OPTION 1:** By successful completion of an approved course or off-campus program. An updated list of approved programs and courses includes the following:

## Semester Courses and Programs

- BIO 371 Field Ecology
- [Biology in South India](#) (STO)
- [Environmental Studies in Australia](#) (STO)
- [Field Research in the Environment, Social Sciences & Humanities](#) (ACM)
- [Washington Semester in International Environment and Development](#) (American U)
- [Wilderness Field Station in Ely, MN](#) (Coe College)

## Interim Courses

- BIO 281 Winter Ecology
- BIO 282 Desert Ecology
- BIO 287 Island Biology
- BIO 288 Equatorial Biology
- BI/ES 286 Tropical Ecology and Sustainable Land Use in Costa Rica

**OPTION 2:** By successful completion of an independent study, independent research, internship or similar combination of academic study and environmental experience. The activity must meet the following guidelines for the experiential component and *receive approval of the Chair of Environmental Studies before and after the activity is conducted.* Use the [CEL's internship Learning Plan document](#) as a guide to frame your thoughts on these topics!

- a. **Educational Purpose.** The activity must demonstrate a clear educational purpose.
- b. **Environmental Focus.** The focus of the activity must be the environment.
- c. **Out-of-classroom context.** The activity must involve experiences that are conducted outside of the usual classroom context. Typically these will be off-campus experiences, although exceptions may be made for on-campus projects or research in which the experiences are student organized and initiated.
- d. **Academic Reflection.** The activity must demonstrate academic reflection on environmental experiences. Typically this will involve the study of books or articles as a basis for reflections on experiences. The reflections should be organized and presented in journals, essays or reports.
- e. **Duration.** The combination of academic study and environmental experiences should approximate the time and effort required for one full course, that is, 140-160 hours.