

## ENVIRONMENTAL STUDIES CHECKSHEET

(general ed function in these brackets) <prerequisites in these brackets> {semester offered in these brackets}

### **Core Curriculum (all courses required for majors and minors): 25 credits**

#### *Semester Grade*

#### ENVIRONMENT AND SCIENCE AREA (7 credits)

\_\_\_\_\_ Biology 105, or Chemistry 103, or Geology 150, or Geography 121 (all NS) <none>  
{fall, spring}

\_\_\_\_\_ Env St/Bio 260: Environmental Science <intro Env Science course> {spring}

#### ENVIRONMENT AND SOCIETY AREA (6 credits)

\_\_\_\_\_ Env St 101: Seminar on Env Issues (SS) or TBIS: Nature and Society (SS) <none> {fall, fall  
interim, spring}

\_\_\_\_\_ Env St/Poli Sci/Soc 261: Environment and Society (SS) <none> {fall, spring}

#### ENVIRONMENT AND VALUES AREA (6 credits)

\_\_\_\_\_ ES/Rel 162: Religion and Nature (HU) <none> {spring} or ES/Engl 243: Intro American Nature  
Writing (HU) <none> {fall} or ES/Engl 244: Japanese Nature Writing (HU/NW) <none> {spring}

\_\_\_\_\_ ES 282: Environment, Community, & Values (HU) <ES 101 & 162/243/244> {fall}

#### INTERDISCIPLINARY SEMINARS (6 credits)

\_\_\_\_\_ Env St 370: Environmental Science, Policy, & Problem Solving <ES 260 & ES 261> {fall}

\_\_\_\_\_ Env St 490: Senior Seminar <ES 260, 261, and 282> {spring}

### **Electives (for majors only): 12 credits <prerequisites in brackets>**

#### APPLIED ENVIRONMENTAL SCIENCE ELECTIVES: *Take two courses from the following* (6 credits)

\_\_\_\_\_ Biology 325: Field Ecology <Bio 105 & 349 (concurrent is OK), some knowledge of chemistry>

\_\_\_\_\_ Biology 326: Introduction to Limnology <One Bio course & one year of Chemistry>

\_\_\_\_\_ Biology 327: Microbial Ecology <Bio 231, 233, or 309 or consent of instructor>

\_\_\_\_\_ Biology 336: Freshwater Algae <Bio 231, 233, or 309> {fall odd years}

\_\_\_\_\_ Biology 349: Ecology and Evolution <One Bio course> {every fall & spring}

\_\_\_\_\_ Biology 376: Population & Community Ecology <Bio 349> {at least every other fall}

\_\_\_\_\_ Biology 386: Ecosystems Ecology <Bio 349 & good knowledge of general chemistry>

\_\_\_\_\_ Env St/Biology 318: Wildlife Behavior and Conservation

\_\_\_\_\_ Env St/Anthropology 372: Primate Behavior and Ecology <none>

\_\_\_\_\_ Env Stds 391: Special topics in Environmental Science

\_\_\_\_\_ Env Stds 396: Fields Studies in Environmental Science

\_\_\_\_\_ Geography 304: Soils <none> {occasional}

\_\_\_\_\_ Geography 313: Wisconsin <none> {fall, spring}

\_\_\_\_\_ Geography 314: Environmental Conservation <none> {spring}

\_\_\_\_\_ Geography 335: Climatology <Geog 121> {fall}

\_\_\_\_\_ Geography 363: Biogeography <Geog 121 or Bio 349> {fall}

\_\_\_\_\_ Geography 364: Water Resource Management <8 crs Phys Geography or Geology> {occasional}

\_\_\_\_\_ Geography 371: Cartography <none> {fall, spring}

\_\_\_\_\_ Geography 382: Remote Sensing of the Environment <none> {fall}

\_\_\_\_\_ Geography 414: Natural Resource Management <Geog 314> {fall}

\_\_\_\_\_ Geography 471: Geographic Information Systems <Geog 371> {fall}

\_\_\_\_\_ Geography 472: Advanced Geographic Information Systems <Geog 471> {spring}

\_\_\_\_\_ Geology 320: Geomorphology <Geol 109> {fall even years}

\_\_\_\_\_ Geology 328: Oceanography <8 credits of lab science> {every spring}

\_\_\_\_\_ Geology 335: Glacial Geology <Geol 102, 110, or 150> {fall odd years}

\_\_\_\_\_ Geology 365: Phys Hydrogeology <Comp Sci 115; Geol 150, 102, or 110; Math 108> {fall odd}

\_\_\_\_\_ Geology 366: Chemical Hydrogeology <Geol 365, Math 171, Chem 106> {spring even years}

\_\_\_\_\_ Geology 370: Field Hydrogeology I <Geol 365 or consent of instructor> {spring interim even}

\_\_\_\_\_ Geology 371: Field Hydrogeology II <Geol 366 or consent of instructor> {spring interim even}

\_\_\_\_\_ Nursing 361: Human Health & the Environment <none>

ENVIRONMENT, COMMUNITY, AND CULTURE ELECTIVES: *Take two courses from the following* (6 credits)

*Semester Grade*

|       |       |  |
|-------|-------|--|
| _____ | _____ | Anthropology 348: Economy, Nature and Culture <Anthropology 102>                               |
| _____ | _____ | Economics 355: Natural Resource Economics <Econ 206/208 & 207/209> {spring even years}         |
| _____ | _____ | Economics 360: Environmental Economics and Policy <Econ 206/208 & 207/209> {spring odd}        |
| _____ | _____ | Env St/History 326: American Environmental History <none>{fall}                                |
| _____ | _____ | Env St 332: Radical Environmentalism <none>  |
| _____ | _____ | Env St/History 339: Public History <9 credits of Env Stds or History>                          |
| _____ | _____ | Env St/English 342: Green Romanticism <Eng 281>  |
| _____ | _____ | Env St/English 343: Nature Writing <none>  |
| _____ | _____ | Env St/History 345: History of American Wilderness <3 credits of Env Stds or History> {spring} |
| _____ | _____ | Env St/History 355: Global Environmental History <3 credits Env Stds or History>               |
| _____ | _____ | Env St/Women's Studies 365: Gender and Nature <none>   |
| _____ | _____ | Env St/Anthropology 368: Human Dimensions of Wildlife Conservation                             |
| _____ | _____ | Env St 375: Ecosocial Advocacy <30 credits>  |
| _____ | _____ | Env St/Anthropology 380: Globalization <none>  |
| _____ | _____ | Env St 390: Special Topics <none >   |
| _____ | _____ | Env St 395: Field Studies <none>   |
| _____ | _____ | Env St 414: Bioregionalism <none>  |
| _____ | _____ | Env St/Management 450: Environmental Management <none> {spring}                                |
| _____ | _____ | Env St/Communication 455: Environmental Communication <Comm 118 or 236 or consent>             |
| _____ | _____ | Geography 377: Population and Environment <ES 101, Geog 102, 111 or 213>                       |
| _____ | _____ | Geography 419: Natural Hazards & Disaster Planning <8 credits Physical Geog or Geology>        |
| _____ | _____ | Political Science 395: Global Environmental Politics <Pol Sci 101, 115, or Soc 161>            |
| _____ | _____ | Public Administration 391 Environmental Energy Management <Pub Aff 221 or Cr Jus 213>          |
| _____ | _____ | Religious Studies 362: Religion and Earth Ethics <Rel 107, 262, or ES 162>                     |
| _____ | _____ | Sociology 342: Social Ecology <none>   |
| _____ | _____ | Urban & Regional Studies 317: Land Use Regulations <none> {spring}                             |

**Optional additional electives**

*Students may elect to take one or more of the following courses. However, only three credits from this group of courses can count toward the major. Students may take additional courses, but they will not count in the major.*

|       |       |                           |
|-------|-------|---------------------------|
| _____ | _____ | ES 300: Internship        |
| _____ | _____ | ES 446: Independent Study |
| _____ | _____ | ES 456: Directed Reading  |
| _____ | _____ | ES 474: Honors Thesis     |

**Additional emphasis for majors**

Second major or a minor in another department or program