Environmental Studies Major
Winter 2015 TIP SHEET

Bracketed codes refer to University Requirements: Arts and Letters = [>1]; Social Science = [>2]; Science = [>3]; Multicultural Codes = {IC}, {IP}, {AC}

**AREA 1. Lower Division Environmental Studies Core Requirements**

ENVS 201 (Bacon) Intro Env Studies: Soc Sci (CRN 22144) [>2]*
ENVS 202 (Sutherland) Intro to Env Studies: Natural Science (CRN 22154) [>3]*

**AREA 2. Lower Division Math and Science Requirements**

Math Courses
MATH 111 (multiple instructors) College Algebra (multiple CRNs)

Statistics
GEOG 495 (Bartleine) Geographic Data Analysis (CRN 22452)
GEOL 418 (Davis) Earth & Env Data Analysis (CRN 22527)
MATH 425 (Merchant) Statistics (CRN 22463)

MATH 425 (Merchant) Statistical Methods I (CRN 23728)
SOC 312 (York) Quantitative Methods in Sociology (CRN 25423)

**Science Sequence Courses**

BI 211 (Wetherwax/Prikril) General Biology I: Cells (CRN 20958/20967) [>3]
BI 212 (Carrier) General Biology II: Organisms (CRN 20976) [>3]
CH 222 (tba/tba) General Chemistry II (CRN 21225/6) [>3]
GEOL 102 (Roering) Env. Geology & Landform Development (CRN 22483/4) [>3]
GEOL 202 (Blackwell) Earth Surface & Env Geology (CRN 22504) [>3]
PHYS 161 (Parthasarathy) Physics of Energy & Environment (CRN 24931) [>3]
PHYS 162 (Deutsch) Solar and Other Renewable Energies (CRN 24652) [>3]
PHYS 202 (Jenkins) General Physics II (CRN 24933/34/49) [>3]

**Additional Science Non-Sequence Courses**

GEOG 141 (Goslin) The Natural Environment (CRN 22388) [>3]
GEOG 181 (Lobben) Our Digital Earth (CRN 26491)
GEOL 213 (Miles) Geology of National Parks (CRN 27006) [WEB]

**AREA 3A. Upper-Division Natural Science**

*Be especially alert to prerequisites listed in the class schedule and in the UO catalog.*

ANTH 361 (tba) Human Evolution (CRN 26933)
ANTH 466 (Waller) Primate Feeding and Nutrition (CRN 26785) [WEB]
ANTH 472 (Ting) Primate Conservation Biology (CRN 26964)
BI 357 (Jarvis) Marine Biology (CRN 21001)
BI 370 (Pfeifer-Meister) Ecology (CRN 21012)
BI 390 (Schlenoff) Animal Behavior (CRN 21019)
BI 410 (Bohannon) Microbial Biology (CRN 26344)
BI 410 (Wood) Tropical Marine Biology (CRN 26925)
BI 410 (Castenholz) Life in Extreme Environments (CRN 27122)
BI 476 (Bridgham) Terrestrial Ecosystem Ecology (CRN 26352)
CH 335 (Branchaud) Organic Chemistry II (CRN 21278)
ENVS 411 (Boulay) Ecological Restoration (CRN 22176)
GEOG 322 (McDowell) Geomorphology (CRN 22424) [>3]
GEOG 421 (Bartlein) Advanced Climatology (CRN 26515)
GEOG 461 (Kohler) Environmental Alteration (CRN 22444)
GEOG 481 (Brittell) GIScience I (CRN 26537)
GEOG 482 (Kohler) GIScience II (CRN 26522)
GEOG 485 (Bonstad) Remote Sensing I (CRN 22446)
GEOL 304 (Baxter) Fossil Record (CRN 22508) [>3]*
GEOL 305 (Baxter) Dinosaurs (CRN 27042) [WEB] [>3]**
GEOL 306 (Bindeman) Volcanoes & Earthquakes (CRN 26033) [>3]**
GEOL 307 (Orr) Oceanography (CRN 27007) [WEB] [>3]**
GEOL 308 (Tozer) Oregon & Pacific NW (CRN 26467) [>3]**
GEOL 310 (Reed) Earth Resources & Environment (CRN 22509) [>3]
GEOL 316 (Rempel) Intro to Hydrogeology (CRN 22511)
GEOL 332 (Wallace) Intro to Petrology (CRN 26488)
GEOL 353 (McKay) Geological Hazards (CRN 27008) [>3]
GEOL 410 (Blackwell) Colorado Plateau Geology (CRN 22524)

**AREA 3B. Upper-Division Social Science, Policy, Humanities, and Sustainable Design & Practice**

**Social Science Core:**
ENVS 435 (Norgaard) Environmental Justice (CRN 22178)
SOC 410 (Norgaard) Exp Crs Salmon & Society (CRN 26024)

**Social Science Elective:**
GEOL 342 (Buck) Geography of Globalization (CRN 22429) [>2]
GEOL 442 (Hardwick) Urban Geography (CRN 22442)
GEOL 471 (Holtgrieve) N American Hist Landscapes (CRN 26788) [WEB] {AC}
SOC 304 (Domínguez) Community, Environment, Society (CRN 25416) [>2]
SOC 450 (Wu) Sociology of Developing Areas (CRN 25445) {IC}

**Policy Core:**
ENVS 335 (Cameron) Allocating Scarce Environmental Resources (CRN 22164) [>2]
PMMM 331 (Holtgrieve) Environmental Management (CRN 26166) [WEB]
PMMM 444 (tba) Environmental Policy (CRN 25052)
EC 434 (Mastromonaco) Environmental Economics (CRN 27143)

**Policy Elective:**
EC 330 (Urbanbich) Urban and Regional Economic Problems (CRN 21890) [>2] {IP}
EC 333 (Fitch-Fleischmann) Resource and Environmental Economics (CRN 26155)
PMMM 340 (tba) Climate Change Policy (CRN 25034) [>2]
PMMM 441 (Lewis) Growth Management (CRN 26676)
PMMM 446 (Jepson) Socioeconomic Development Planning (CRN 25054) [WEB]

**Humanities Core:**
HUM 355 (Dennis) The American City (CRN 26235)
HIST 473 (Dennis) American Environmental History (CRN 25954)

**Humanities Elective:**
ENG 325 (Witte) Literature of the Northwest (CRN 22084)
HIST/HUM/PHYS 361 (Nicsol, Bothum) Science & Culture (multiple CRNS/groups)
J 412 (Greene) Top Food as Communication (CRN 23153)
PHIL 330 (Zack) Philosophy & Disaster (CRN 25930)
Sustainable Design & Practice Core:
ARCH 431 (Fifield) Community Design (CRN 20405)
ENVS 467 (Martin) Sustainable Agriculture (CRN 22185)
PPPM 442 (Wei) Sustainable Urban Development (CRN 25051)

Sustainable Design & Practice Elective:
ARCH 491 (Kwok) Environmental Control Systems (CRN 20446)
LA 337 (Lueck) Living Landscapes (CRN 27152)
LA 390 (Keeler) Urban Farm (CRN 23383)
LA 410 (Helphand) Contemporary Landscape Theory (CRN 23392)
LA 410 (Eischeid) History of Landscape Architecture (CRN 26835)
LA 410 (Keeler) Civic Agriculture (CRN 27254)
PPPM 407 (Nelson) Sem Land Development (CRN 25045)

AREA 4. Environmental Issues Courses
ENVS 411 (Christian Myers) Climate Ethics (CRN 22175)
ENVS 411 (Rommwatt) Marine Dead Zones (CRN 27034)

AREA 5. Practical Learning Experience
AAA 406 (Dellabough) SP PR HOPES Coordinator (CRN 26749) [1-credit]
ENVS 404 (Dreher) Internship (CRN 22169)
PEOL 455 (Strong, Crowe) Principles of Outdoor Leadership (CRN 24799)

*Only one ENVS course may count towards general education group requirements
** Only one GEOL 30X class may be taken

DISCLAIMER: The tip sheet is to be used as a guide only. Changes may be made to the class schedule after the tip sheets have been published. Any class on the tip sheet or requirement sheet is guaranteed to count toward the major in the Area under which it is listed. Classes on the tip sheet count in the Area for that particular term.