

Environmental Science Major  
Spring 2019 TIP SHEET

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

**AREA 1. Environmental Studies Core Requirements**

ENVS 201 (Schreiner) Intro Env Studies: Soc Sci (CRN 35919) [>2]°  
ENVS 203 (LeMenager) Intro Env Stu: Hum (CRN 32049) [>1]°

**AREA 2. Math and Statistics Requirements**

**Math:**

MATH 247 (Fisher) Calc for Biol Sci II (CRN 33384)  
MATH 251 (Mult. Instructors) Calculus I (Multiple CRNs)  
MATH 252 (Mult. Instructors) Calculus II (Multiple CRNs)

**Statistics:**

MATH 425 (Peterson) Statistical Methods I (CRN 36028)  
SOC 312 (Southworth) Statistical Analy Soc (CRN 35260)

**Analytical Approaches:**

LA 413 (Ribe) Analyzing Land Systems (CRN 36767)  
GEOG 481 (Fish) GIScience I (CRN 32325)

**AREA 3A. Natural Science Requirements**

**Life Sciences**

**Lower division introductory sequences:**

BI 212 (Carrier) Gen Biol II: Organisms (CRN 30930) [>3]  
BI 213 (Huslander/Pfeifer-Meister) Gen Biol III: Populat (CRN 30939) [>3]  
CH 222 (Boettcher) General Chemistry II (CRN 31221) [>3]  
CH 223 (Kellman/Gervasi) General Chemistry III (CRNs 31222/31223) [>3]

**Upper division electives:**

ANTH 361 (Blumenthal) Human Evolution (CRN 35959) [>3]  
ANTH 375 (Ulbarri) Primate in Ecol Commun (CRN 35903) [>3]  
ANTH 472 (Ting) Primate Conservation Biol (CRN 35975)  
BI 306 (Wetherwax) Pollination Biology (CRN 35806) [>3]  
BI 307 (Dickman) Forest Biology (CRN 30960) [>3]  
BI 330 & 331 (Saunders/Kelly) Microbiology & Lab (Multiple CRNs)  
BI 374 (Schlenoff) Conservation Biology (CRN 30983)  
BI 390 (Shanks) Animal Behaviour (CRN 36062) [OIMB]  
BI 399 (McGuire) Sp St Tropical Ecology (CRN 35807)  
BI 442 (Policha) Systematic Botany (CRN 35815)  
BI 451 (Emlet/Watts) Invertebrate Zoology (CRN 31071) [OIMB] [8 credits]

BI 474 (tba) Marine Ecology (CRN 31073) [OIMB]  
CH 336 (Doxsee) Organic Chemistry III (CRN 31268)  
GEOG 423 (Chritz) Advanced Biogeography: Africa (CRN 36496)

**Earth and Physical Sciences**

**Lower division introductory sequences:**

GEOG 141 (Saban) Natural Environment (CRN 32289) [>3] [WEB]\*  
GEOL 103 (Baxter) Exploring Earth History (CRNs 32377/32378) [>3]  
GEOL 202 (Roering) Earth Surface & Enviro (CRN 32398) [>3]  
GEOL 203 (Retallack) History of Life (CRN 32401) [>3]  
PHYS 203 (Jenkins) General Physics III (34758/34759) [>3]

**Upper division electives:**

ENVS 350 (Bothun) Ecol Energy Generation (CRN 35918) [>1]  
GEOG 321 (Bartlein) Climatology (CRN 32307) [>3]  
GEOG 360 (McDowell) Watershed Sci & Pol (CRN 32309) [>3]  
GEOG 410 (Silva) Forests and Society (CRN 35986)  
GEOG 427 (McDowell) Fluvial Geomorphology (CRN 32322)  
GEOG 490 (Zettler-Mann) GIS Top: Map w/ Drone (CRN 35988)  
GEOG 491 (Kohler) Adv GIS: Python (CRN 32331)  
GEOG 494 (Luan) Spatial Analysis (CRN 35991)  
GEOL 306 (Karlstrom) Volcanoes and Earthquake (CRN 32405) [>3]\*\*  
GEOL 307 (Sahakian) Oceanography (CRN 32406) [>3]\*\*  
GEOL 310 (McKay) Earth Resources and Envir (CRN 32407) [>3] [WEB]  
GEOL 311 (Blackwell) Earth Materials (CRN 32408) [5 credits]  
GEOL 316 (Rempel) Intro Hydrogeology (CRN 35942)  
GEOL 334 (Dorsey) Sediment and Stratigraph (CRN 32415)  
GEOL 350 & 351 (Miller) Structural Geology & Lab (CRN 32418, 32419)  
GEOL 353 (Toomey) Geological Hazards (CRN 32421) [>3]  
GEOL 435 (Retallack) Paleopedology (CRN 35947)  
GEOL 438 (Jin) Geobiology (CRN 32437)

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

**Social Science Core:**

ENVS 455 (Walker) Sustainability (CRN 36195)  
GEOG 410 (Walker) Oregon Environmen Politic (CRN 35985)

**Policy Core:** *If you are graduating Spring 2019 and need a Policy Core please see Brittany McFall ([bmcfall@uoregon.edu](mailto:bmcfall@uoregon.edu))*

**Humanities Core:**

PHIL 340 (Muraca) Environmental Philos (CRN 35732) [>1]  
ENVS 410 (Muraca) Justice, Cap, & Anthro (CRN 36099)

**Sustainable Design & Practice Core:**

ARCH 430 (Keyes) Architectural Contexts (CRN 30400)

**AREA 4. Environmental Issues Courses**

ENVS 410 (Martin) Consumerism Th Env (CRN 36193)  
ENVS 411 (Maggiulli) Top Species Problem (CRN 32068)

**AREA 5. Practical Learning Experience (PLE)**

ENVS 404 (Johnson) Intern Env Studies (CRN 32060)  
ENVS 429 (Lynch/Boulay) Top Environ Leadership (CRN 32069/32075)<sup>#</sup>

**°Only one ENVS course may count towards general education group requirements if ENVS/ESCI is your 1<sup>st</sup> major**

**\*GEOG 141 may only be used if Earth & Physical Science is NOT the focal area**

**\*\*Only one GEOL 30X class may count towards ENVS/ESCI major requirements**

**# Must be enrolled in the Environmental Leadership Program**

**PLEASE NOTE:**

- **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 for that particular term.**
- **Some courses may be restricted to certain majors for the first few days of registration. You can look up individual CRN information in the class schedule to learn about pre-requisites, registration restrictions and other important information.**
- **All Courses for the major/minor must be taken for a grade of C- or better. Do not take major course for P/NP.**

Last Updated: 3/13/19