

Environmental Science Major

Winter 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 (Walker) Intro Env Stu: Soc Sci (CRN 22858) [>2]°

AREA 2. Math and Statistics Requirements

Math

MATH 246 (Fisher/Staley) Calc for Biol Sci I (multiple CRNs)

MATH 247 (Wray/Fisher) Calc for Biol Sci II (multiple CRNs)

MATH 251 (multiple instructors) Calculus I (multiple CRNs)

MATH 252 (multiple instructors) Calculus II (multiple CRNs)

Statistics

SOC 312 (Gullickson) Statistical Analy Soc (CRN 26165)

GEOG 418 (Davis) Earth & Env Data Analysis (CRN 23265)

GEOG 495 (Bartlein) Geographic Data Analy (CRN 23183)

Analytical Approaches

GEOG 481 (Fish) GIScience I (CRN 27150)

GEOG 410 (Sahakian) Comput Tools for EARTH (CRN 23264)

LA 410 (Lee) Environmental Data Visualization [WEB] (CRN 24059)

ENVS 427 (Boulay) Envir & Eco Monitoring (CRN 22899) #,^

AREA 3A. Natural Science Requirements

Life Sciences

Lower division introductory sequences:

BI 211 (Wetherwax) Gen Biol I: Cells (CRN 21728) [>3]

BI 212 (Carrier) Gen Biol II: Organisms (CRN 21746) [>3]

CH 221 (Greenbowe) General Chemistry I (CRN 22016) [>3]

CH 222 (Page/Exton) General Chemistry II (CRN 22017/22018) [>3]

Upper division electives:

ANTH 362 (DuBois) Human Biol Variation (CRN 21045) [>3] [WEB] [IP]

BI 309 (Weeks) Tropical Diseases Afr (CRN 21765) [>3] [IC]

BI 357 (Munger) Marine Biology (CRN 21778) [>3]

BI 390 (Schlenoff) Animal Behavior (CRN 21790)

BI 410 (Bohannan) The Human Microbiome (CRN 26756)

CH 335 (Haley) Organic Chemistry II (CRN 22070)

ENVS 410 (Dickman) Forest Ecology & Mgmt (CRN 22894)

GEOG 323 (Herring) Biogeography (CRN 27137) [>3]

GEOG 423 (Gavin) Top Landscape Ecol (CRN 27143)

Earth and Physical Sciences

Lower division introductory sequences:

GEOG 141 (tba) Natural Environment (CRN 23126)* [>3]

GEOG 102 (Miller) Envir Geol & Land Dev (CRN 23210/23211) [>3]

GEOG 201 (Thomas) Dynamic Planet Earth (CRN 23230) [>3]

GEOG 202 (Webb) Earth Surface/Environ (CRN 23233) [>3]

PHYS 202 (Jenkins/Micklavizna) General Physics (multiple CRNs) [>3]

Upper division electives:

GEOG 361 (Bartlein) Global Environmental Change (CRN 27142) [>3]

GEOG 482 (Kohler) GIScience II (CRN 23178)

GEOG 486 (Kohler) Remote Sensing II (CRN 27184)

GEOG 304 (Baxter) Fossil Record (CRN 23237) [>3]**

GEOG 305 (Baxter) Dinosaurs (CRN 23238) [WEB] [>3] **

GEOG 306 (Giachetti) Volcanoes and Earthquake (CRN 23239) [>3]**

GEOG 308 (Tozer) Oregon & Pacific NW (CRN 23240) [>3]**

GEOG 310 (Blackwell) Earth Resources and Envir (CRN 27787) [>3]

GEOG 315 (Humphreys) Earth Physics (CRN 27221)

GEOG 332 (Wallace) Introduction to Petrology (CRN 23245) [5 credits]

GEOG 353 (McKay) Geological Hazards (CRN 23249) [WEB] [>3]

GEOG 410 (Polizzotto) Soil and Environ Chem (CRN 27343)

GEOG 451 (Jin) Hydrogeology (CRN 27233)

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

Social Science Core:

ENVS 435 (Norgaard) Environmental Justice (CRN 27159)

ENVS 450 (Walker) Political Ecology (CRN 27157)

Policy Core:

ENVS 335 (Cameron) Alloc Scarce Env Res (CRN 22878) [>2] °

Humanities Core: *If you are graduating Winter 2019 and need a Humanities Core please see Brittany McFall (bmcfall@uoregon.edu)*

Sustainable Design & Practice Core:

ARCH 431 (Fifield) Community Design (CRN 21168)

ENVS 410 (Russel) Water, Pub Health, Env (CRN 27155)

ENVS 467 (Martin) Sustain Agriculture (CRN 27164)

LA 337 (Russel) Top Design Sustainable Wild (CRN 26863)

PPPM 442 (Yang) Sustainable Urban Dev (CRN 25788)

AREA 4. Environmental Issues Courses

ENVS 411 (Shtob) Top Env Law Pro & Just (CRN 27152)

ENVS 411 (Fink) Top Liv in Anthropocen (CRN 27172)

ENVS 425 (tba) Top Env Ed Thry and Prac (CRN 22898)

AREA 5. Practical Learning Experience (PLE)

ENVS 404 (tba) Internship (CRN 22887)

°Only one ENVS course may count towards general education group requirements if ENVS/ESCI is your 1st 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

^May count for a different major requirement. See your academic adviser.

Must be enrolled in the Environmental Leadership Program

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.

