

Environmental Science Major
SPRING 2020 TIP SHEET

**Bracketed codes refer to University Requirements: Arts and Letters = [>1]; Social Science = [>2]; Science = [>3];
Multicultural Codes for students enrolled prior to Fall 2019 = [IC], [IP], [AC]
Cultural Literacy Codes starting Fall 2019: Global Perspectives = {GP} ; Difference, Inequality, Agency {US}**

AREA 1. Environmental Studies Core Requirements

ENVS 201 (Walker) Intro Env Studies: Soc Sci (CRN 32198) [>2]°
ENVS 203 (Wald) Intro Env Stu: Hum (CRN 32211) [>1]°

AREA 2. Math and Statistics Requirements

Math

MATH 247 (tba) Calc for Biol Sci II (CRN 33579)
MATH 251 (Multiple Instructors) Calculus I (multiple CRNs)
MATH 252 (Multiple Instructors) Calculus II (multiple CRNs)

Statistics

MATH 425 (tba) Statistical Methods I (CRN 33637)
GEOG 495 (Bartlein) Geographic Data Analy (CRN 36452)

Analytical Approaches

ENVS 410 (Bothun) Quant Reas Env Matters (CRN 36676)

AREA 3A. Natural Science Requirements

Life Sciences

Lower division introductory sequences:

BI 212 (Carrier) Gen Biol II: Organisms (CRN 31037) [>3]
BI 213 (Wetherwax) Gen Biol III: Populat (CRN 31047)
CH 222 (Boettcher) General Chemistry II (CRN 31335) [>3]
CH 223 (Lonergran/Kellman) General Chemistry III (CRN 31336/31337) [>3]

Upper division electives:

ANTH 361 (Blumenthal) Human Evolution (CRN 30306) [>3]
ANTH 362 (DuBois) Human Biol Variation (CRN 36699) [>3] [IP] {GP} [WEB]
ANTH 463 (Ulibarri) Primate Behavior (CRN 36261) [WEB]
BI 330 (Singh) Microbiology (CRN 31078) [3 credits]
BI 331 (Kelly) Microbiology Lab (multiple CRNs) [3 credits]
BI 374 (Schlenoff) Conservation Biology (CRN 31087)
BI 390 (Shanks) Animal Behavior (CRN 31091) [OIMB]
BI 399 (McGuire) Sp St Tropical Ecology (CRN 31092)
BI 410 (Wood) Tropical Marine Biology (CRN 36790)

BI 410 (McGuire) Microbial Ecology (CRN 36147)
BI 442 (Policha) Systematic Botany (CRN 31180)
BI 451 (Emllet/Watts) Invertebrate Zoology (8 credits) (CRN 31181) [OIMB]
BI 474 (Galloway) Marine Ecology (CRN 31184) [OIMB]
CH 336 (Doxsee) Organic Chemistry III (CRN 31382)
LA 410 (Johnson) Climate Adapt Design (CRN 33296)

Earth and Physical Sciences

Lower division introductory sequences:

GEOG 141 (Herring) Natural Environment (CRN 32435) [>3] *
GEOL 103 (tba) Explorng Earth History (CRN 32522/32523) [>3]
GEOL 202 (Chaussard) Earth Surface/Environ (CRN 32544) [>3]
GEOL 203 (Retallack) Evolution of the Earth (CRN 32547) [>3]
PHYS 203 (Ursell) General Physics III (CRN 35126/35127) [>3]

Upper division electives:

GEOG 321 (Bartlein) Climatology (CRN 32454)(>3)
GEOG 360 (McDowell) Watershed Sci & Pol (CRN 32456) [>3]
GEOG 427 (McDowell) Fluvial Geomorphology (CRN 32470)
GEOG 430 (Gavin) Long-Term Environmental Change (CRN 36454) GEOG
490 (Fonstad) GIS Top Map w/ Drone (CRN 32476)
GEOG 482 (Kohler) GIScience II (CRN 36449)
GEOL 305 (Baxter) Dinosaurs (CRN 36298) [>3] **
GEOL 306 (Tozer) Volcanoes and Earthquakes (CRN 32550) [>3] [WEB] **
GEOL 307 (Sahakian) Oceanography (CRN 32551) [>3] **
GEOL 308 (Hager) Oregon and Pacific NW (CRN 36549) [>3] **
GEOL 310 (McKay) Earth Resources & Envir (CRN 32552) [>3] [WEB] GEOL
311 (Blackwell) Earth Materials (5 credits) (CRN 32553)
GEOL 316 (Jin) Intro Hydrogeology (CRN 32556)
GEOL 334 (Dorsey) Sediment & Stratigraph (CRN 32560)
GEOL 350 (Miller) Structural Geology (3 credits) (CRN 32563) %
GEOL 351 (Miller) Structural Geol Prob (1 credit) (CRN 32564) %
GEOL 352 (Miller) Struc Geol Lab & Field (multiple CRNs) %
GEOL 353 (Bindeman/McKay) Geologic Hazards (CRN 32567) [>3]
GEOL 410 (Watkins) Geochem Modeling (CRN 36622)
GEOL 410 (Townsend) Mapping the Earth (CRN 36669)
GEOL 433 (Retallack) Paleobotany (CRN 36550)
GEOL 454 (Karlstrom) Fluid Dynamics (CRN 36555)

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

Social Science Core:

ENVS 455 (Walker) Sustainability (CRN 32240)
SOC 416 (Foster) Iss Envir Soc: Topic (CRN 36159)

Policy Core:

PPPM 443 (Ribe) Natural Resource Pol (CRN 36886)

Humanities Core:

ARH 410 (Scott) Land & Enviro Art (CRN 30672)
ENVS 410 (Muraca) Justice, Cap & Anthro (CRN 32228)
ENVS 410 (Sayre) Species and Extinction (CRN 32229)

Sustainable Design & Practice Core:

ARCH 430 (Keyes) Architectural Contexts (CRN 30481)
ENVS 467 (Martin) Sustain Agriculture (CRN 36734)
LA 440 (Ko) Intro Lands Plan Ana (CRN 33302)

AREA 4. Environmental Issues Courses

ENVS 411 (Otjen) Multispecies St & Anth (CRN 32230)
ENVS 411 (Johnson) Indig, Land-use & Bio (CRN 36682)

AREA 5. Practical Learning Experience (PLE)

ENVS 404 (Hinde) Internship (CRN 32223)
ENVS 429 (Lynch/Boulay) Top Environ Leadership (CRN 32231/32237) +

KEY

°Only one ENVS course may count towards general education group requirements if ENVS is your primary 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

% GEOL 351 and GEOL 352 are corequisites with GEOL 350

OIMB= Oregon Institute of Marine Biology

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.