

## Environmental Studies Major

### Spring 2020 TIP SHEET

Bracketed codes refer to General 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. Lower Division 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. Lower Division Math and Science Requirements**

##### **Math**

MATH 111 (Multiple Instructors) College Algebra (Multiple CRNs)

##### **Statistics**

MATH 243 (Price) Intro Probabil & Stats (CRN 33533/33550)

MATH 425 (tba) Statistical Methods I (CRN 33637)

GEOG 495 (Bartlein) Geographic Data Analy (CRN 36452)

##### **Lower Division Natural Science Sequence Courses**

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]

GEO 103 (tba) Exploring Earth History (CRN 32522/32523) [>3]

GEO 202 (Chaussard) Earth Surface/Environ (CRN 32544) [>3]

GEO 203 (Retallack) Evolution of the Earth (CRN 32547) [>3]

PHYS 162 (tba) Solar & Renew Energies (CRN 35124) [>3]

PHYS 203 (Ursell) General Physics III (CRN 35126/35127) [>3]

##### **Additional Science Non-Sequence Courses**

ANTH 170 (Blumenthal) Intro Human Origins (CRN 30258) [>3]

ANTH 270 (Sterner) Intro Biological Anth (CRN 30288) [>3]

BI 150 (Wood) The Ocean Planet (CRN 31029) [>3]

GEOG 141 (Lea) The Natural Environment (CRN 32435) [>3]

GEOG 181 (Marcus) Our Digital Earth (CRN 32443) [>2]

GEO 137 (Webb) Mountains and Glaciers (CRN 32540) [>3]

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

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

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 (Emlet/Watts) Invertebrate Zoology (8 credits) (CRN 31181) [OIMB] BI

474 (Galloway) Marine Ecology (CRN 31184) [OIMB]

CH 336 (Doxsee) Organic Chemistry III (CRN 31382)

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

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 Envir Change (CRN 36454)

GEOG 482 (Kohler) GIScience II (CRN 36449)

GEOG 490 (Fonstad) GIS Top Map w/ Drone (CRN 32476)

GEO 305 (Baxter) Dinosaurs (CRN 36298) [>3] \*\*

GEO 306 (Tozer) Volcanoes and Earthquakes (CRN 32550) [>3] [WEB] \*\*

GEO 307 (Sahakian) Oceanography (CRN 32551) [>3] \*\*

GEO 308 (Hager) Oregon and Pacific NW (CRN 36549) [>3] \*\*

GEO 310 (McKay) Earth Resources & Envir (CRN 32552) [>3] [WEB]

GEO 311 (Blackwell) Earth Materials (5 credits) (CRN 32553)

GEO 316 (Jin) Intro Hydrogeology (CRN 32556)

GEO 334 (Dorsey) Sediment & Stratigraph (CRN 32560)

GEO 350 (Miller) Structural Geology (3 credits) (CRN 32563) %

GEO 351 (Miller) Structural Geol Prob (1 credit) (CRN 32564) %

GEO 352 (Miller) Struc Geol Lab & Field (multiple CRNs) %

GEO 353 (Bindeman/McKay) Geologic Hazards (CRN 32567) [>3]

GEO 410 (Watkins) Geochem Modeling (CRN 36622)

GEO 410 (Townsend) Mapping the Earth (CRN 36669)

GEO 433 (Retallack) Paleobotany (CRN 36550)

GEO 454 (Karlstrom) Fluid Dynamics (CRN 36555)

LA 410 (Johnson) Climate Adapt Design (CRN 33296)

#### **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)

**Social Science Elective:**

ES 354 (Reyes-Santos) Environmental Racism (CRN 32274) [>2] [AC] {US}  
 ES 399 (O'Neal) Sp St Indg Peoples OR (CRN 36580)  
 GEOG 442 (tba) Urban Geography (CRN 36456)  
 INTL 421 (Braun) Gender & Intl Develop (CRN 32932) [IP] {GP}  
 SOC 304 (Bentacourt De La Parra) Commun Envir & Society (CRN 36139) [>2]  
 SOC 399 (Ingalsbee) Sp St Forest Fires Soc (CRN 36189)  
 WGS 331 (Bufalino) Sci/Technol & Gender (CRN 36786) [IP]

**Policy Core:**

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

**Policy Elective:**

EC 330 (Urbancic) Urban & Region Ec Prob (CRN 31986) [>2] [IP] {US}  
 EC 333 (Mueller) Resour & Envir Ec Iss (CRN 31987) [>2]  
 EC 399 (Doering) Sp St Sustainability Econ (CRN 36109)  
 EC 462 (Wilson) Econ of Transportation (CRN 32011)  
 PPPM 331 (Holtgrieve) Environmental Mgmt (CRN 35225) [WEB]  
 PPPM 410 (Brown) Transportation Policy (CRN 35243)  
 PPPM 438 (Schlossberg) Top Bicycle Transporta (CRN 35248)  
 PPPM 480 (Lambert) Nonprofit Mgmt I (CRN 35251)

**Humanities Core:**

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

**Humanities Elective:**

ENG 407 (Alaimo) Sem Env Theo Animal St (CRN 32170)  
 HUM 361 (Wilson) Ancient Science & Culture (CRN 36438) [>1]  
 HIST 410 (Howell O) Sp St Urban Hist West (CRN 36529)  
 HIST 463 (Heinz) Top His of Consumerism (CRN 32749)  
 PHIL 309 (tba) Global Justice (CRN 36084) [>2] [IC] {GP}  
 PHIL 339 (tba) Intro to Philosophy of Science (CRN 36089) [>2]  
 PHIL 345 (tba) Place in the Cosmos (CRN 35092) [>1]

**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)

**Sustainable Design & Practice Elective:**

ARCH 407 (Larco) Sem Sustain Urbanism (3 credits) (CRN 30434) [PDX]  
 ARCH 492 (Elzeyadi) Envir Control Sys II (CRN 30521)  
 ENVS 493M (Rempel) Passive Cooling (CRN 32241)  
 LA 337 (Lueck) Top Trees Across OR (CRN 33281)  
 LA 390 (Keeler) Urban Farm (CRN 33284/33285)  
 LA 423 (Abelman) Drawing the Landscape (CRN 33299)  
 LA 439 (Krueger/Geffel) LA Des & Proc III (CRN 33300)  
 LA 459 (Lee) Top Land Perform Tools (CRN 33305) [WEB]  
 LA 459 (Lee) Top Sensing the Enviro (CRN 33303) [WEB]

**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

\*\*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.