

## Environmental Studies Major

### Spring 2021 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} ; US = Difference, Inequality, Agency {US}

*Unless otherwise noted, classes are remote. Remote courses have class meeting days and times as scheduled and will include live engagement during scheduled class periods.*

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

ENVS 201 (Martin) Intro Env Studies: Soc Sci (CRN 32099) [>2]

ENVS 203 (Scott) Intro Env Studies: Hum (CRN 32112) [>1]

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

##### **Math**

MATH 111 (tba) College Algebra (multiple CRNs)

MATH 247 (Fisher) Calc for Biol Sci II (CRN 33448)

MATH 251 (tba) Calculus I (multiple CRNs)

MATH 252 (tba) Calculus II (multiple CRNs)

##### **Statistics**

MATH 243 (Harker/Dugger) Intro Probabil & Stats (CRN 33410/33427)

MATH 425 (Pazdan-Siudeja) Statistical Methods I (CRN 33501)

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

BI 212 (Carrier) Gen Biol II: Organisms (CRN 30965) [>3]

BI 213 (Wetherwax) Gen Biol III: Population (CRN 30972) [>3]

CH 222 (Boettcher) General Chemistry II (CRN 31244) [>3]

CH 223 (Lonagan) General Chemistry III (CRN 31245) [>3]

ERTH 103 (Tate) Exploring Earth History (CRN 32397) [>3]

ERTH 202 (Chaussard) Earth Surface/Environ (CRN 32418) [>3]

ERTH 203 (Retallack) Evolution of the Earth (CRN 32421) [>3]

PHYS 162 (Parthasarathy) Solar & Renew Energies (CRN 36789) [>3]

PHYS 203 (Ursell) General Physics (CRN 34532) [>3]

PHYS 206 (Scannel) Intro Physics Lab (multiple CRNs)

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

ANTH 170 (Blumenthal) Intro Human Origins (CRN 30242) [>3]

ANTH 270 (Sterner) Intro Biological Anthropology (CRN 36358) [>3]

BI 150 (Wood) The Ocean Planet (CRN 30956) [<3]

GEOG 141 (Saban) The Natural Environment (CRN 32319) [>3] WEB

GEOG 181 (Marcus) Our Digital Earth (CRN 32327) [>2] Hybrid

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

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

ANTH 341 (tba) Food Origins (CRN 36408) [>3]

ANTH 361 (Blumenthal) Human Evolution (CRN 35591) [>3]

ANTH 463 (Ulibarri) Primate Behavior (CRN 36195) WEB

BI 330 (Prikryl) Microbiology (3 credits) (CRN 31001)

BI 331 (tba) Microbiology Lab (3 credits) (multiple CRNs) Hybrid

BI 390 (Shanks) Animal Behavior (CRN 31010) OIMB

BI 390 (Shanks) Animal Behavior (CRN 36567)

BI 395 (McGuire) Tropical Ecology (CRN 36685)

BI 410 (McGuire) Microbial Ecology (CRN 31095)

BI 442 (Stankuna) Systematic Botany (CRN 31099)

BI 451 (Emlet/Watts) Invertebrate Zoology (CRN 35580) OIMB

BI 474 (Galloway) Marine Ecology (CRN 35584) OIMB

CH 336 (Jasti) Organic Chemistry III (CRN 31291)

ERTH 305 (Baxter) Dinosaurs (CRN 32424) [>3] WEB\*\*

ERTH 306 (Townsend) Volcanoes & Earthquakes (CRN 32425) [>3]\*\*

ERTH 307 (Martin/Hager) Oceanography (CRN 32426) [>3]\*\*

ERTH 316 (Rempel) Intro Hydrogeology (CRN 32432)

ERTH 334 (Dorsey) Sediment & Stratigraph (CRN 32436) Hybrid

ERTH 350 (Miller) Structural Geology (3 credits) (CRN 32439) %

ERTH 351 (Miller) Structural Geol Prob (1 credit) (CRN 32440) %

ERTH 352 (Miller) Struc Geol Lab & Field (1 credit) (multiple CRNs) %

ERTH 353 (Thomas) Geological Hazards (CRN 32443) [>3] Hybrid

ERTH 435 (Retallack) Paleopedology (CRN 36592) Hybrid

GEOG 322 (Fonstad) Geomorphology (CRN 36737) [>3]

GEOG 360 (McDowell) Watershed Sci & Pol (CRN 32339)

GEOG 361 (Silva) Global Environ Change (CRN 36738)

GEOG 490 (Fonstand) Top Map with Drone (CRN 32358)

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

### **Social Science Foundation:**

ENVS 450 (Walker) Political Ecology (CRN 36044)  
GEOG 410 (Walker) Oregon Environ Politics (CRN 32349)  
ES 354 (Pulido) Environmental Racism (CRN 32178) [>2], [>IP], [>GP]  
SOC 416 (Lievanos) Top Environmnt & Health (CRN 35029)

### **Social Science Elective:**

SOC 304 (Richardson) Commun Envir & Society (CRN 35004) [>2]

### **Policy Foundation:**

If you are graduating S21 and need a Policy Foundation course, see your Tykeson Adviser.

### **Policy Elective:**

EC 330 (Morehouse) Urban & Region Ec Prob (CRN 31895) [>2], [>IP], [>GP]  
EC 399 (Doering) Sp St Sustainability Ec (CRN 31902)  
EC 434 (McDermott) Environmental Econ (CRN 36183)  
PPPM 331 (Holtgrieve) Environmental Mgmt (CRN 34628) WEB  
PPPM 418 (Stotter) Intro Public Law (CRN 36236)  
PPPM 438 (Schlossberg) Top Bicycle Transportation (CRN 34648)  
PPPM 480 (Lambert) Nonprofit Mgmt (CRN 34653)

### **Humanities Foundation:**

ARH 368 (Scott) Art Visual Climate Chg (CRN 35537) [>GP]  
HIST 473 (Weisiger) Top: Amer Envir Hist (CRN 36793)  
PHIL 340 (Muraca) Environmental Philos (CRN 35483) [>1]

### **Humanities Elective:**

PHIL 463 (McKenna) Top Plumwood (CRN 35525)  
ENG 3361 (Sayre) Native American Writers (CRN 35796)

### **Sustainable Design & Practice Foundation:**

ARCH 435 (Gast) Principles of Urban Design (CRN 36763)  
ENVS 493M (Rempel) Passive Cooling (CRN 32137)  
LA 440 (Ko) Intro Landsc Plan Ana (CRN 33195)  
LA 459 (Russel) Top Sustainable Sites (CRN 33197)

### **Sustainable Design & Practice Elective:**

ARCH 407 (Larco) Sem Sustain Urbanism (CRN 30384) PDX  
ARCH 492 (Elzeyadi) Envir Control Sys II (CRN 30456)  
ARCH 492 (tba) Envir Control Sys II (CRN 36687) PDX  
GLBL 407 (Hindery) Sem Innovative Alt (CRN 36938)  
LA 328 (Densmoore) Spring Plants (CRN 33175) On Campus  
LA 337 (Lueck) Top Trees Across OR (CRN 36472) On Campus  
LA 390 (Keeler) Urban Farm (CRN 36464/36468) On Campus  
LA 410 (Ko) Des for Climate Action (CRN 33191)  
LA 459 (Lee) Top Sensing the Envrio (CRN 33196) WEB  
LA 459 (Ribe) Top Stormwater Des (CRN 36529) Hybrid  
LA 475 (Eischeid) Hist Landscape Arch II (CRN 33203)

## **AREA 4. Environmental Issues Courses**

ENVS 411 (Maggiulli) Top Futurity... (CRN 32131)  
ENVS 411 (White) Top Plant to Pharmacy (CRN 32132)

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

ENVS 404 (STAFF) Internship (CRN 32123)  
ENVS 429L (Boulay/Lynch) Top Environ Leadership (CRN 36821/36822) +

### **KEY**

**\*\*Only one EARTH 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**  
**PDX= Portland UO Campus. Most Portland UO classes are remote Spring 2021.**  
**WEB= No on-campus meetings or scheduled meeting times. Class is asynchronous.**  
**On Campus= On-campus meeting times and locations as scheduled**  
**Hybrid= Lectures are remote or web; discussion sections or labs are in person.**

### **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.**
- **Up to three ENVS courses may count towards different general education group requirements if ENVS is your primary major**
- **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.**