

## Environmental Science Major

### Fall 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 held in person on the Eugene Main Campus.*

#### **AREA 1. Environmental Studies Requirements**

ENVS 203 (LeMenager) Intro Env Studies: Hum (CRN 12402) [>1]

BI 457 (Galloway) Top Marine Bio Enviro (CRN 11315) OIMB

BI 458 (Shanks) Biol Oceanography (CRN 11317) OIMB

CH 331 (tba) Organic Chemistry I (CRN 11547)

ENVS 410 (Boulay) Avian Conservation (CRN 16389)

#### **AREA 2. Math and Statistics Requirements**

##### **Math**

MATH 251 (tba) Calculus I (multiple CRNs)

MATH 252 (tba) Calculus II (multiple CRNs)

##### **Statistics**

Math 425 (tba) Statistical Methods I (CRN 14009)

##### **Analytical Approaches**

BI 410 (Hallet) Data Visualization (CRN 17801)

GEOG 481 (Kohler) GIScience I (CRN 12735)

#### **AREA 3A. Natural Science Requirements**

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

##### **Life Sciences**

###### ***Lower division introductory sequences:***

BI 211 (Prikryl, Barber) Gen Biol I: Cells (CRN 11176/11185) [>3]

BI 213 (Policha) Gen Biol III: Population (CRN 11194) [>3]

CH 111 (Greenbowe) Intro Chem Principles (CRN 11476/11477)\*

CH 221 (Exton) General Chemistry I (CRN 11483/11484)

CH 223 (tba) General Chemistry III (CRN 11485)

###### ***Upper division electives:***

ANTH 362 (DuBois) Human Biol Variation (CRN 16125) [>3][>GP][>IP] ASYNC WEB

BI 307 (Diez) Forest Biology (CRN 17170)[>3]

BI 380 (Kern) Evolution (CRN 11229)

##### **Earth and Physical Sciences**

###### ***Lower division introductory sequences:***

ERTH 101 (Rempel) Exploring Planet Earth (CRN 12778)

ERTH 201 (Watkins) Dynamic Planet Earth (CRN 12787)

ERTH 203 (Davis) History of Life (CRN 12788) [>3]

GEOG 141 (Fonstad) The Natural Environment (CRN 12684)\*

PHYS 201 (Banavar) General Physics (CRN 15099/15108) [>3]

###### ***Upper division electives:***

ENVS 477 (Silva) Soil Science (CRN 12431)

ERTH 305 (Davis) Dinosaurs (CRN 12790) [>3]\*\*

ERTH 306 (Giachetti) Volcanoes & Earthquakes (CRN 12791) [>3]\*\*

ERTH 307 (Patton) Oceanography (CRN 17682) [>3]\*\*

ERTH 308 (Tozer) Oregon & Pacific NW (CRN 12792) [>3]\*\*

ERTH 310 (Breard) Earth Resources & Enir (CRN 12793) [>3] ASYNC WEB

ERTH 311 (Wallace) Earth Materials (CRN 16281)

ERTH 316 (Jin) Intro Hydrogeology (CRN 12794)

ERTH 331 (Binderman) Mineralogy (CRN 12796)

ERTH 353 (McKay) Geological Hazards (CRN 12797) [>3] ASYNC WEB

ERTH 410 (Dufek) Env Geophys Lab Sensor (CRN 12810)

ERTH 472 (Reed) Aqueous Min Gas Equil (CRN 16640)

GEOG 485 (Ryan) Remote Sensing I (CRN 12740)

GEOG 491 (Kohler) Advanced Geograph Info Syst (CRN 12745)

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

### **Social Science Foundation:**

GEOG 341 (Cohen) Population & Environment (CRN 12718) [>2][>GP][>IC]  
SOC 416 (Norgaard) Salmon & Society (CRN 17159)  
SOC 416 (York) Iss Envir Soc: Topic (CRN 17157)

### **Policy Foundation**

PPPM 443 (Rosenberg) Natural Resource Pol (CRN 15232)

### **Humanities Foundation:**

ENVS 345 (Muraca) Environmental Ethics (CRN 16352) [>1]  
ENVS 410 (Morar) Top Orig of Social Lf (CRN 16404)

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

LA 337 (Russel) Top Des for Sustain World (CRN 17610)  
PPPM 445 (Stephens) Green Cities (CRN 15233)

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

ENVS 410 (Lynch) Plants & People (CRN 12427)  
ENVS 411 (Provant) Top People, Mtns, Clim (CRN 12429)

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

ENVS 404 (STAFF) Internship (CRN 12421)

\*CH 111 only counts if Life Sciences is the non-focal area and GEOG 141 only counts if Earth & Physical Sciences is the non-focal area.  
\*\*Only one EARTH 30X class may count towards ENVS/ESCI major requirements  
OIMB= Oregon Institute of Marine Biology  
ASYNCH WEB= No on-campus meetings or scheduled meeting times. Class is asynchronous.

### **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, fees, field trips, registration restrictions and other important information.

