

# Environmental Science Major

## Fall 2023 Tip Sheet

### Area 1: Lower-Division ENVS Requirements:

ENVS 203 (LeMenager) Intro Env Studies: Humanities (CRN 11788) [>1]

### Area 2: Lower-Division Math & Statistics Requirements:

#### Math:

MATH 246 (TBA) Calc for Biol Sci I (Multiple CRNs)

MATH 251 (TBA) Calculus I (Multiple CRNs)

MATH 252 (TBA) Calculus II (Multiple CRNs)

#### Statistics:

MATH 425 (TBA) Statistical Methods I (CRN 13182)<sup>A</sup>

ERTH 418 (Roering) Earth & Env Data Analy (CRN 15580)

SOC 312 (Gullickson) Statistical Analy Soc (CRN 14691)

### Analytical Approaches:

GEOG 481 (Fish) GI Science I (CRN 12084)

### Area 3A: Natural Science:

#### Life Sciences

##### *Lower-Division Introductory Sequence:*

BI 211 (Jud/Barber) Gen Biol 1: Cells (CRN 10666) [>3]

BI 213 (Policha) Gen Biol III: Populat (CRN 10683) [>3]

CH 111 (Gupta/Clayton) Intro Chem Principles (CRN 10980) [>3]<sup>B</sup>

CH 221 (TBA) General Chemistry I (CRN 10983) [>3]

CH 223 (Lonergan) General Chemistry III (CRN 10985) [>3]

##### *Upper-Division Electives:*

*Check for prerequisites!*

ANTH 410 (Snodgrass) Healthy Aging (CRN 10191)

BI 380 (Kern) Evolution (CRN 10724)

BI 390 (Shanks/Goodfellow) Animal Behavior (CRN 10728) ASYNC WEB

BI 454 (Emlet) Estuarine Biology (CRN 10814) OMIB

BI 457 (Galloway) Top Marine Envir Issue (CRN 16038) OIMB

BI 488 (Streisfeld) Evolutionary Processes (CRN 10819)

CH 331 (Glass) Organic Chemistry I (CRN 11039)

ENVS 410 (Boulay) Avian Ecology & Consvr (CRN 11814)

GEOG 323 (Gavin) Biogeography (CRN 12065) [>3]

GEOG 433 (Gavin) Fire and Natural Disturb (CRN 15440)

### Earth & Physical Science:

#### *Lower-Division Introductory Sequence:*

ERTH 101 (Rempel) Exploring Planet Earth (CRN 11829/11839) [>3]

ERTH 201 (Watkins) Dyn Planet Earth (CRN 11852) [>3]

ERTH 202 (Dorsey) Earth's Surface & Environment (CRN 15575) [>3]

ERTH 203 (TBA) History of Life (CRN 11857) [>3]

PHYS 201 (Banavar) Gen Physics (CRN 14244) [>3]

GEOG 141 (Fonstad) Natural Environment (CRN 12042)<sup>B</sup>

#### *Upper-Division Electives:*

ENVS 477 (Silva) Soil Sci (CRN 15566)

ERTH 306 (Giachetti) Volcanoes & Earthquakes (CRN 11862) [>3]<sup>C</sup>

ERTH 308 (Tozer) Geol of Oregon & Pacific NW (CRN 11863) [>3]<sup>C</sup>

ERTH 311 (Wallace) Earth Materials (CRN 11864)

ERTH 316 (Karlstrom) Intro Hydrogeology (CRN 11867)

ERTH 331 (Bindeman) Minerology (CRN 11871)

ERTH 353 (Mckay) Geologic Hazards (CRN 11874) [>3]

ERTH 410 (Dufek) Field Volcanology (CRN 15578)

ERTH 473 (Bindeman) Isotope Geochemistry (CRN 16243)

GEOG 482 (Kohler) GI Science II (CRN 12089)

GEOG 485 (TBA) Remote Sensing I (CRN 12092)

GEOG 491 (Kohler) Adv Geograph Info Syst (CRN 12095)

### Area 3B: Upper-Division Social Science, Policy, Humanities, & Sustainable Design & Practice:

*Check for Prerequisites!*

#### **Social Science Foundation:**

ENVS 410 (Carey) Climate Justice Prison (CRN 15563)

GEOG 341 (Cohen) Population & Environ (CRN 12070) [>2 >GP >IC]

SOC 416 (Norgaard) Top Environmental Soc (CRN 15723)

#### **Policy Foundation:**

PPPM 444 (Ofori) Environmental Policy (CRN 14363)

PS 477 (Mitchell) Intl Environ Politics (CRN 15754)

#### **Humanities Foundation:**

ENVS 345 (Muraca) Environmental Ethics (CRN 11805) [>1]

ENVS 410 (Sayre) Cascade Ice & Fire (CRN 15564)

**Sustainable Design & Practice Foundation:**

ENVS 467 (Martin) Sust Agriculture (CRN 16062)  
ARCH 435 (Gast) Princ Urban Design (CRN 10255)  
LA 337 (Russel) Top Dsgn Sustain Wrld (CRN 12842)  
PPPM 445 (Stephens) Green Cities (CRN 14364)

**Area 4: Environmental Issues:**

ENVS 411 (Modi) Top Gaia Theory & Life (CRN 11816)  
ENVS 411 (Foor) Top Queer Ecologic Rei (CRN 15565)

**Area 5: Practical Learning Experience (PLE):**

ENVS 401 (STAFF) Research (CRN 11809)  
ENVS 404 (Keeler) Intern Env Studies (CRN 11811)

**KEY:**

<sup>A</sup>Students cannot receive credit for both STAT 243Z and MATH 425.

<sup>B</sup>Counts for non-focal area only.

<sup>C</sup>Only one EARTH 30X counts towards ENVS/ESCI Major Requirements.

OIMB: at Oregon Institute of Marine Biology.

ASYNCR WEB: does not meet in person on campus or virtual class time.

SYNCR WEB: has scheduled online meeting times.

**Bracketed Codes/University Requirements:**

>1 Arts & Letters

>2 Social Science

>3 Science

**Multicultural Codes (if you were enrolled prior to 2019):**

IC International Cultures

IP Identity, Pluralism, & Tolerance

AC American Cultures

**Cultural Literacy Codes (starting Fall 2019):**

GP Global Perspectives

US Difference, Inequality, Agency

**Please Note:**

- Be Alert to Prerequisites listed in the class schedule and UO catalog.
- Tip Sheets are 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 requirements sheet is guaranteed to count toward the major in the Area under which it is listed for that 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 CRNs in the class schedule to learn about prerequisites, fees, field trips, registration restrictions, and other important information.