

Environmental Science Major
Winter 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. Environmental Studies Core Requirements

ENVS 201 (Walker) Intro Env Studies: Soc Sci (CRN 22119) [>2]

AREA 2. Math and Statistics Requirements

Math

MATH 246 (tba) Calc for Biol Sci I (CRN 23549/23550)

MATH 247 (Fisher/tba) Calc for Biol Sci II (CRN 23551/23552)

MATH 251 (multiple instructors) Calculus I (Multiple CRNs)

MATH 252 (multiple instructors) Calculus II (Multiple CRNs)

Statistics

ERTH 418 (Davis) Earth & Env Data Analy (CRN 22509)

MATH 425 (tba) Statistical Methods I (CRN 23608)

Analytical Approaches

GEOG 481 (Fish) GIScience I (CRN 22419)

AREA 3A. Natural Science Requirements

Life Sciences

Lower division introductory sequences:

BI 211 (Barber) Gen Biol I: Cells (CRN 20984) [>3] WEB

BI 212 (Carrier) Gen Biol II: Organisms (CRN 20994) [>3]

CH 221 (Kellman) General Chemistry I (CRN 21272) [>3]

CH 222 (Greenbowe/Exton) General Chemistry II (CRN 21273/21274) [>3] WEB

Upper division electives:

BI 309 (Weeks) Tropical Diseases Afr (CRN 21012) [>3] [IC] {GP}

BI 357 (Sutherland) Marine Biology (CRN 21028) [>3]

BI 374 (Schlenoff) Conservation Biology (CRN 26801)

BI 471 (Diez) Population Ecology (CRN 25787)

BI 472 (Bohannon) Community Ecology (CRN 21126)

CH 335 (Haley) Organic Chemistry II (CRN 21330)

Earth and Physical Sciences

Lower division introductory sequences:

ERTH 102 (Miller) Exploring Earth Environ (CRN 22454) [>3]

ERTH 201 (Roering) Earth Surface/Environ (CRN 22477) [>3]

GEOG 141 (Chritz) The Natural Environment (CRN 22380) [>3]*

PHYS 202 (Micklavzina) General Physics (CRN 24503)

Upper division electives:

ENVS 465 (Bridgham) Wetland Ecol/Mgmt (CRN 26767)

GEOG 321 (Bartlein) Climatology (CRN 25611)

GEOG 425 (Fonstad) Hydrology and Water Resources (CRN 25616)

GEOG 482 (Kohler) GIScience II (CRN 26638)

ERTH 304 (Baxter) Fossil Record (CRN 22482) [>3]**

ERTH 305 (Baxter) Dinosaurs (CRN 22483) [>3]** WEB

ERTH 306 (Tozer) Volcanoes & Earthquake (CRN 22484) [>3]**

ERTH 308 (Tozer) Oregon & Pacific NW (CRN 26389) [>3] **

ERTH 315 (Karlstrom) Earth Physics (CRN)

ERTH 332 (Wallace) Intro Petrology (5 cr.) (CRN 22489)

ERTH 410 (Polizzotto) Soil and Environ Chem (CRN 26440)

ERTH 434 (Hopkins) Vertebrate Paleontology (CRN 26484)

ERTH 451 (Jin) Hydrogeology (CRN 26437)

ERTH 462 (Rempel) Environmental Geomech (CRN 26442)

ERTH 473 (Binderman) Isotope Geochemistry (CRN 26647)

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

Social Science Core:

ENVS 435 (Norgaard) Environmental Justice (CRN 22158)

ENVS 455 (Walker) Sustainability (CRN 26504)

SOC 416 (Ingalsbee) Top Climate Change (CRN 25054)

SOC 416 (Foster) Top Earth System Crisis (CRN 25772)

Policy Core:

ENVS 335 (Cameron) Alloc Scarce Environmental Resources (CRN 22141) [>2]

Humanities Core:

ARH 457 (Scott) Top Land and Environ (CRN 26130)
ENVS 345 (Muraca) Environmental Ethics (CRN 22142) [>1]
ENVS 410 (Scott) Unnatural Disasters (CRN 22153)
HIST 379 (Weisiger) Am Env Hist, 1890-Pres (CRN 26695) [>2] [>AC] {US}

Sustainable Design & Practice Core:

ENVS 467 (Martin) Sustain Agriculture (CRN 27064)
ENVS 410 (Russel) Water, Pub Health, Env (CRN 26752)
LA 410 (Johnson) Climate Adapt Design (CRN 23266) On Campus
PPPM 442 (Yang) Sustainable Urban Dev (CRN 24647)

AREA 4. Environmental Issues Courses

ENVS 411 (Renirie) Top Clim Chg Conflict (CRN 26763)
ENVS 425 (Lynch) Top Env Ed Thry & Prac (CRN 22156)

AREA 5. Practical Learning Experience (PLE)

ENVS 404 (STAFF) Internship (CRN 22147)
ENVS 429 (Boulay) Top Environ Leadership (CRN 26935)

KEY

***GEOG 141 may only be used if Earth & Physical Science is NOT the focal area**
****Only one EARTH 30X class may count towards ENVS/ESCI major requirements**

OIMB= Oregon Institute of Marine Biology

WEB= No on-campus meetings or scheduled meeting times. Class is asynchronous

On Campus= On-campus meeting times and locations as scheduled

Remote= Courses have class meeting days and times as scheduled and will include live engagement during scheduled class periods.

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.**