

Environmental Science Major

Winter 2025 Tip Sheet

Area 1: Lower-Division ENVS Requirements:

ENVS 201 (Muraca) Intro to Env Studies: Social Sciences (CRN 22177) [>2]
ENVS 203 (Cordes) Intro to Env Studies: Humanities (CRN 22190) [>1]

Area 2: Lower-Division Math & Statistics Requirements:

Math:

MATH 246 (TBA) Calculus for Biological Sciences I (CRN 23511-2) [>4]
MATH 247 (Fisher) Calculus for Biological Sciences II (CRN 23513-4) [>4]
MATH 251 (Multiple) Calculus I (CRN 23515-24) [>4]
MATH 252 (Multiple) Calculus II (CRN 23525-32) [>4]

Statistics:

ERTH 418 (Roering) Earth & Environmental Data Analysis (CRN 25798)
GEOG 495 (Lucash) Geographic Data Analysis (CRN 26176)
MATH 425 (Shahir) Statistical Methods I (CRN 23562) [>5]^C
SOC 312 (TBA) Statistical Analysis in Sociology (CRN 26701)

Analytical Approaches:

ENVS 427 (Boulay) Envir & Eco Monitoring (CRN 22221) °
GEOG 481 (Kohler) GIScience I (CRN 22503)

Area 3A: Natural Science:

Life Sciences

Lower-Division Introductory Sequence:

BI 211 (Barber) General Biology I: Cells (CRN 21060) [>3]
BI 212 (Carrier) General Biology II: Organisms (CRN 21069) [>3]
CH 221 (McConnell) General Chemistry I (CRN 21364) [>3]
CH 222 (Multiple Instructors) General Chemistry II (Multiple CRNs) [>3]
CH 227 (Clayton) General Chemistry Lab (Multiple CRNs)^B
CH 228 (Gupta) General Chemistry Lab (Multiple CRNs)^B

Upper-Division Electives:

Check for prerequisites!

BI 357 (McLachlan) Marine Biology (CRN 21098) [>3]
BI 370 (Policha) Ecology (CRN 21109)
BI 457 (Galloway) Top Marine Env Issue (CRN 26676) [OIMB] (5 credits)

BI 471 (Diez) Population Ecology (CRN 26308)
BI 472 (Bohannon) Community Ecology (CRN 21201)
CH 335 (Haley) Organic Chemistry II (CRN 21423)
ENVS 410 (Aoki) Coastal Ecology (CRN 22217)
ENVS 410 (Lucash) Landscape Ecology (CRN 22218)

Earth & Physical Science:

Lower-Division Introductory Sequence:

ERTH 102 (Miller) Exploring Earth Enviro (Multiple CRNs) [>3]
ERTH 201 (Rempel) Dynamic Planet Earth (CRN 22261) [>3]
ERTH 202 (Sutherland) Earth Surface & Enviro (CRN 22264) [>3]
ERTH 203 (Davis) History of Life (CRN 22268) [>3]
GEOG 141 (Christian) The Natural Environment (CRN 22465) [>3]^D
PHYS 202 (Strom) General Physics (Multiple CRNs) [>3]
PHYS 205 (Goering) Intro Physics Lab (CRN 24748-56)^B

Upper-Division Electives:

ERTH 306 (Bindeman) Volcanoes & Earthquakes (CRN 26785)^A
ERTH 308 (Blackwell) Geology of Oregon & Pacific NW (CRN 26566)^A
ERTH 310 (Mckay) Earth Resource & Enviro (CRN 22275) ASYNC WEB
ERTH 315 (Karlstrom) Earth Physics (CRN 22276)
ERTH 332 (Wallace) Intro Petrology (CRN 22279)
ERTH 353 (Bindeman) Geologic Hazards (CRN 22282)
ERTH 410 (Rempel) Topic: Introducing Ice (CRN 22295)
ERTH 410 (Sutherland) Topic: Coastal Env Science (CRN 26564) [OIMB]
ERTH 474 (Polizzotto) Soil & Environmental Chemistry (CRN 25802)
GEOG 321 (Christian) Climatology (CRN 22487)
GEOG 427 (Webb) Fluvial Geomorphology (CRN 26563)
GEOG 482 (Kohler) GIScience II (CRN 22508)
GEOG 485 (Fonstad) Remote Sensing I (CRN 26174)

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

Check for Prerequisites!

Social Science Foundation:

ENVS 435 (Norgaard) Environmental Justice (CRN 22222)

ENVS 450 (Walker) Political Ecology (CRN 26765)
SOC 416 (McGee) Top Race & Climate Chg (CRN 25211)

Policy Foundation:

ENVS 410 (Stasiewicz) Fire Soc and Policy (CRN 22216)

Humanities Foundation:

ENVS 345 (Foor) Environmental Ethics (CRN 26795) [^{>1}]
ENVS 430 (Wald) Nature in Pop Culture (CRN 26167)
HIST 379 (Weisiger) Am ENV Hist, 1890-Pres (CRN 22735)
HIST 473 (Weisiger) Top Native Am Env Hist (CRN 26671)
JCOM 385 (Sutter) Science of Science Communication (CRN 22989)

Sustainable Design & Practice Foundation:

LA 337 (Russel) Topic Design Sustainable World (CRN 26714)
LA 410 (Russel) Top Sustainable Design Principles & Practice (CRN 26715)
PPPM 442 (Yang) Sustainable Urban Dev (CRN 24861)
PPPM 445 (Russo) Green Cities (CRN 24862)

Area 4: Environmental Issues:

ENVS 411 (Fowler) Top Reimag Public Lands (CRN 22219)
ENVS 411 (Stoeckl) Top Climate Wayfinding (CRN 26165)
ENVS 411 (Kristensen) Top Multi-Species City (CRN 26166)
ENVS 425 (Lynch) Env Ed Theory & Practice (CRN 22220) ^o

Area 5: Practical Learning Experience (PLE):

ENVS 401 (STAFF) Research (CRN 22208)
ENVS 403 (STAFF) Thesis (CRN 22209)
ENVS 404 (Imtiaz, Boulay) Internship (CRN 22210) ⁺

KEY:

^A Only one EARTH 30X counts towards ENVS/ESCI Major Requirements.
^B CH/PHYS sequence labs are not required but are strongly recommended.
^C Students cannot receive credit for both STAT 243Z and MATH 425
^D Counts for non-focal area only.
^o Environmental Leadership Program students only.
⁺ Internship credits must be earned during the same term as enrollment in 404 (no retroactive internship credit).
ASYNC WEB: does not meet in person on campus or virtual class time.
SYNC WEB: has scheduled online meeting times.

Bracketed Codes/University Requirements:

>1 Arts & Letters
>2 Social Science
>3 Science
>4 Either Science *or* B.S. Math
>5 B.S. Math

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 university Areas of Inquiry requirements.
- 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.