

Environmental Science Major

Fall 2025 Tip Sheet

Area 1: Lower-Division ENVS Requirements:

ENVS 203 (Wald) Intro to Env Studies: Humanities (CRN 11947) [>1]

Area 2: Lower-Division Math & Statistics Requirements:

Math:

MATH 246 (Fisher) Calculus for Biological Sciences I (CRN 13195-7) [>4]

MATH 251Z (Multiple) Differential Calculus (Multiple CRNs) [>4]

MATH 252Z (Multiple) Integral Calculus (Multiple CRNs) [>4]

Statistics:

MATH 425 (TBA) Statistical Methods I (CRN 13239) [>5] ^C

SOC 312 (Waight) Statistical Analysis in Sociology (CRN 14831)

Analytical Approaches:

BI 410L (Ponisio) Top Data Sci Ecol Conserv (CRN 15861)

GEOG 481 (Merson) GIScience I (CRN 12260)

Area 3A: Natural Science:

Life Sciences

Lower-Division Introductory Sequence:

BI 221Z (Multiple) Principles of Biology I: Cells (CRN 10867-8) [>3]

BI 223Z (Policha) Principles of Biology III: Ecology & Evolution (CRN 10869) [>3]

CH 111 (McConnell) Intro Chem Principles (Multiple CRNs) [>3] ^D

CH 221Z (Multiple) General Chemistry I (CRN 15668-9) [>3]

CH 223Z (Lonergan) General Chemistry III (CRN 15670) [>3]

CH 227Z (Gupta) General Chemistry I Lab (Multiple CRNs) ^B

CH 229 (Lonergan) General Chemistry Lab (CRN 15703) ^B

Upper-Division Electives:

Check for prerequisites!

ANTH 361 (Blumenthal) Human Evolution (CRN 10339) [>3]

BI 307 (Diez) Forest Biology (CRN 10884) [>3]

BI 330 (Spero) Microbiology (CRN 10897)

BI 331 (Jud) Microbiology Lab (CRN 10898)

BI 359 (Streisfeld) Plant Biology (CRN 15856)

BI 380 (Kern) Evolution (CRN 10908)

BI 390 (Singh) Animal Behavior (CRN 16439)

BI 457 (Treneman) Top Seaweed Biology (CRN 15997) [OIMB]

BI 458 (McLachlan) Biological Oceanography (CRN 10996) [OIMB]

CH 331 (Glass) Organic Chemistry I (CRN 11206)

ENVS 410 (Boulay) Top: Avian Ecology & Consv (CRN 15532)

ENVS 465 (Aoki) Wetland Ecol/Mgmt (CRN 15538)

GEOG 323 (Gavin) Biogeography (CRN 12241) [>3]

Earth & Physical Science:

Lower-Division Introductory Sequence:

ERTH 101 (Rempel) Exploring Planet Earth (Multiple CRNs) [>3]

ERTH 201 (Sahakian) Dynamic Planet Earth (CRN 12009) [>3]

ERTH 202 (Adusumilli) Earth Surface & Enviro (CRN 12014) [>3]

ERTH 203 (Davis) History of Life (CRN 12018) [>3]

GEOG 141 (Christian) The Natural Environment (CRN 12221) [>3] ^D

PHYS 201 (Banavar) General Physics (Multiple CRNs) [>3]

PHYS 204 (Scannell) Intro Physics Lab (CRN 14387-95) ^B

Upper-Division Electives:

ENVS 477 (Silva) Soil Science (CRN 11970)

ERTH 306 (Giachetti) Volcanoes and Earthquakes (CRN 12022) [>3] ^A

ERTH 308 (Tozer) Geology of Oregon & Pacific NW (CRN 12024) [>3] ^A

ERTH 311 (Wallace) Earth Materials (CRN 12025)

ERTH 316 (Rempel) Intro to Hydrogeology (CRN 12028)

ERTH 331 (Bindeman) Mineralogy (CRN 12032)

ERTH 353 (Mckay) Geologic Hazards (CRN 12035) ASYNC WEB

ERTH 473 (Bindeman) Isotope Geochemistry (CRN 16022)

GEOG 360 (Fonstad) Watershed Science and Policy (CRN 15559) [>3]

GEOG 485 (Fonstad) Remote Sensing I (CRN 12268)

GEOG 491 (Kohler) Adv Geographic Info Systems (CRN 16440)

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

Check for Prerequisites!

Social Science Foundation:

GEOG 341 (Cohen) Population and Environment (CRN 12245) [>GP]
SOC 416 (Hernandez Vidal) Top Climate Injustice (CRN 14847)
Plants & People: Wild Foods & Medicines in Italy (Lynch) [GEO Study Abroad]

Policy Foundation:

(none)

Humanities Foundation:

ENVS 345 (Morar) Environmental Ethics (CRN 11963) [>1]
ENVS 410 (Morar) Top: Cnsrv Bio Ideology (CRN 15531)
HIST 378 (Wadewitz) American Env History to 1890 (CRN 15785) [>US]
PHIL 340 (TBA) Environmental Philosophy (CRN 14331) [>1, >US]

Sustainable Design & Practice Foundation:

ARCH 435 (Gast) Principles of Urban Design (CRN 10421)
ENVS 459 (Russel) Wtr, PubHlth & Environ (CRN 15537)
PPPM 445 (Schlossberg) Green Cities (CRN 14500)

Area 4: Environmental Issues:

ENVS 411 (Tetteh) Top: Waste & Justice (CRN 15534)
ENVS 411 (Stoeckl) Top: Climate Wayfinding (CRN 15535)

Area 5: Practical Learning Experience (PLE):

ENVS 403 (STAFF) Thesis (CRN 11965)
ENVS 404 (TBA) Internship (CRN 11966) +

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.
+ 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.
OIMB: at Oregon Institute of Marine Biology

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.