Environmental Science Major
Winter 2024 Tip Sheet

Area 1: Lower-Division ENVS Requirements:
ENVS 201 (Martin) Intro to Env Studies: Social Sciences (CRN 21935) [>2]
ENVS 203 (Scott) Intro to Env Studies: Humanities (CRN 21948) [>1]

Area 2: Lower-Division Math & Statistics Requirements:
Math:
MATH 246 (Multiple Instructors) Calc for Biological Sciences I (CRN 23187/8)
MATH 247 (Fisher) Calculus for the Biological Sciences II (CRN 23189/90)
MATH 251 (Multiple Instructors) Calculus I (CRN 23191-00)
MATH 252 (Multiple Instructors) Calculus II (CRN 23201-8)

Statistics:
MATH 425 (Shahir) Statistical Methods (CRN 23238)
SOC 312 (Littlejohn) Statistical Analysis in Sociology (CRN 24788) ASYNC WEB

Analytical Approaches:
BI 410 (Hallett) Data Visualization (CRN 25848)
BI 410L (Ponisio) Data Sci Ecol Conserv (CRN 26228)
ENVS 427 (Boulay) Environmental and Ecological Monitoring (CRN 21972) [E]
GEOG 481 (TBA) GIScience I (CRN 22255)

Area 3A: Natural Science:
Life Sciences
Lower-Division Introductory Sequence:
BI 211 (Barber) General Biology I: Cells (CRN 20891) [>3]
BI 212 (Carrier) General Biology II: Organisms (CRN 20900) [>3]
CH 221 (Multiple Instructors) General Chemistry I (Multiple CRNs) [>3]
CH 222 (Multiple Instructors) General Chemistry II (CRN 21171/2) [>3] ASYNC WEB
CH 227 (Multiple Instructors) General Chemistry Lab (Multiple CRNs) [D]
CH 228 (Multiple Instructors) General Chemistry Lab (Multiple CRNs) [D]

Upper-Division Electives:
Check for prerequisites!
BI 357 (TBA) Marine Biology (CRN 26238)
BI 359 (Shavlik) Plant Biology (CRN 25831)
BI 370 (Policha) Ecology (CRN 20931)
BI 390 (Singh) Animal Behavior (CRN 25834)
BI 472 (Bohannan) Community Ecology (CRN 21021)
CH 335 (Haley) Organic Chemistry II (CRN 21226)
ENVS 410 (Aoki) Top Coastal Ecology and Society (CRN 25863)
ENVS 410 (Lucash) Landscape Ecology (CRN 26101)
GEOG 423 (Gavin) Top Clim Chng & Biodiv (CRN 25788)

Earth & Physical Science:
Lower-Division Introductory Sequence:
ERTH 102 (Polizotto) Exploring Earth's Environment (CRN 21990/9) [>3]
ERTH 201 (Blackwell) Dynamic Planet Earth (CRN 22011) [>3]
ERTH 202 (Tozer) Earth's Surface and Environment (CRN 22014) [>3]
ERTH 203 (Davis) History of Life (CRN 25525) [>3]
GEOG 141 (Gavin) The Natural Environment (CRN 22216) [>3] [B]
PHYS 202 (Strom) General Physics (CRN 24339/43) [>3]
PHYS 205 (Goering) Intro Physics Lab (Multiple CRNs) [D]

Upper-Division Electives:
ERTH 307 (Sutherland) Oceanography (CRN 22022) [>3] [A]
ERTH 308 (Tozer) Geology of Oregon and the Pacific Northwest (CRN 22023) [>3] [A]
ERTH 310 (Mckay) Earth Resources & Environment (CRN 22024) [>3] ASYNC WEB
ERTH 315 (Karlstrom) Earth Physics (CRN 22025)
ERTH 332 (Wallace) Introduction to Petrology (CRN 22028)
ERTH 353 (Bindeman) Geologic Hazards (CRN 22031)
ERTH 399 (Dufek) Building an Atmosphere (CRN 25530)
ERTH 451 (Jin) Hydrogeology (CRN 25534)
ERTH 468 (Sahakian) Introduction to Seismology (CRN 25536)
GEOG 321 (TBA) Climatology (CRN 22241) [>3]
GEOG 360 (McDowell) Watershed Science and Policy (CRN 22243)
GEOG 482 (Kohler) GIScience II (CRN 22260)

Area 3B: Upper-Division Social Science, Policy, Humanities, & Sustainable Design & Practice:
Check for Prerequisites!
Social Science Foundation:
ENVS 435 (Norgaard) Environmental Justice (CRN 25865)
ENVS 450 (Walker) Political Ecology (CRN 21973)
GLBL 410 (Martin) Consumer and Global Envi (CRN 22349)
Policy Foundation:
ENVS 410 (Stasiewicz) Fire Soc and Policy (CRN 25862)

Humanities Foundation:
ARH 457 (Scott) Land and Environmental Art (CRN 20659)
ENVS 345 (Kristensen) Environmental Ethics (CRN 26097)
ENVS 410 (Wald) Nature in Pop Culture (CRN 21966)
HIST 379 (Wadewitz) American Env Hist 1890 to Present (CRN 22458) [>2 >AC >US]
HIST 467 (Weisiger) The American West (CRN 25385)
PHIL 340 (TBA) Environmental Philosophy (CRN 25810) [>1 >GP >IC]

Sustainable Design & Practice Foundation:
ARCH 435 (Gast) Principles of Urban Design (CRN 20508/9)
ENVS 459 (Russel) Wtr, PubHlth & Environ (CRN 25866)
PPPM 442 (Dhar) Sustainable Urban Development (CRN 24448)
PPPM 445 (Russo) Green Cities (CRN 25501)

Area 4: Environmental Issues:
ENVS 411 (Ford) Environmental Issues: Critical Resources (CRN 25864)
ENVS 425 (Lynch) Environmental Education Theory and Practice (CRN 21971) [E]
ENVS 427 (Boulay) Environmental and Ecological Monitoring (CRN 21972) [E]

Area 5: Practical Learning Experience (PLE):
ENVS 404 (Wood) Internship (CRN 21959)

KEY:
[A]Students cannot receive credit for both STAT 243Z and MATH 425.
[B]Counts for non-focal area only.
[C]Only one ERTH 30X counts towards ENVS/ESCI Major Requirements.
[D]CH and PHYS labs are not required but are highly recommended.
[E]Limited to students enrolled in the Environmental Leadership Program.
ENVS 427 can count as Area 3A LS in lieu of Area 2 Analytical Approaches.
OIMB: at Oregon Institute of Marine Biology.
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

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 your Areas of Inquiry.
- 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.