Environmental Science Major
Winter 2027 Tip Sheet

Area 1: Lower-Division ENVS Requirements:
ENVS 201 (Walker) Intro to Env Studies: Social Sciences (CRN 21774) [>2]
ENVS 203 (Cordes) Intro to Env Studies: Humanities (CRN 21783) [>1]

Area 2: Lower-Division Math & Statistics Requirements:
Math:
MATH 246 (TBA) Calculus for Biological Sciences I (CRN 22972, 22973) [>3>4]
MATH 247 (Fisher) Calculus for Biological Sciences II (CRN 22974, 22975) [>3>4]
MATH 251 (Multiple) Calculus I (CRN Multiple) [>3>4]
MATH 252 (Multiple) Calculus II (CRN Multiple) [>3>4]

Statistics:
ERTH 418 (Roering) Earth & Env Data Analysis (CRN 21874)
GEOG 495 (Miller) Geographic Data Analysis (CRN 22105)
MATH 425 (Pazdan-Siudeja) Statistical Methods I (CRN 23018, 23019) [>5]
SOC 312 (Gullickson) Statistical Analysis in Sociology (CRN 24703)

Analytical Approaches:
GEOG 481 (Merson) GIScience I (CRN 22095)

Area 3A: Natural Science:
Life Sciences
Lower-Division Introductory Sequence:
BI 221Z (Jud) Principles of Biology I: Cells (CRN 20721) [>3]
BI 222Z (Prikryl) Principles of Biology II: Organisms (CRN 20730) [>3]
CH 221Z (Gupta) General Chemistry I (CRN 21011, 21012) [>3]
CH 222Z (Multiple) General Chemistry II (CRN Multiple) [>3]
Upper-Division Electives:
Check for prerequisites!
ANTH 369 (TBA) Human Growth & Devel (CRN 25360) [>3]
ANTH 472 (Ting) Primate Conservation Biology (CRN 25370)
ANTH 487 (Sterner) Bioanthropology Method (CRN 25371)
BI 357 (Martinez Llaurador) Marine Biology (CRN 20763) [>3]
BI 370 (Policha) Ecology (CRN 20771)
BI 390 (Singh) Animal Behavior (CRN 26047)
BI 401 (Multiple) Topics in Env-instructor approval courses-student will need to petition for course topic to count for major (CRN Multiple) [OIMB]
BI 457 (Galloway) Top Marine Envir Issues (CRN 25688) [OIMB]
CH 335 (Haley) Organic Chemistry II (CRN 21064)
ENVS 410 (Aoki) Top Coastal Change (CRN 25904) [OIMB]

Earth & Physical Science:
Lower-Division Introductory Sequence:
ERTH 102 (Miller) Exploring Earth's Environment (CRN 21822, 21832) [>3]
ERTH 201 (Paty) Dynamic Planet Earth (CRN 21843) [>3]
ERTH 202 (Adusumilli) Earth's Surface & Envir (CRN 21846) [>3]
ERTH 203 (Okhai) History of Life (CRN 21850) [>3]
Upper-Division Electives:
ERTH 305 (Hopkins) Dinosaurs (CRN 25875) [>3]
ERTH 315 (Melgar Moctezuma) Earth Physics (CRN 21856)
ERTH 332 (Bindeman) Intro Petrology (CRN 21859)
ERTH 353 (Mckay) Geologic Hazards (CRN 21862) [>3]
ERTH 410 (Kehoe) Tectonics (CRN 25881)
ERTH 474 (Polizzotto) Soil & Envir Chemistry (CRN 25882)
GEOG 321 (Christian) Climatology (CRN 22080) [>3]
GEOG 482 (Kohler) GIScience II (CRN 22100)
GEOG 486 (Kohler) Remote Sensing II (CRN 25312)

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

Social Science Foundation:
ENVS 410 (Carey) Top Arctic Env & Soc (CRN 25898)
ENVS 435 (Norgaard) Environmental Justice (CRN 25900)
ENVS 450 (Walker) Political Ecology (CRN 25901)
GEOG 341 (Cohen) Population & Environment (CRN 22081) [>2>GP]
SOC 416 (York) Top Climate & Society (CRN 26146)

Policy Foundation:
ENVS 410 (Kaul) Top Energy Policy (CRN 25897)

Humanities Foundation:
ARH 368 (Scott) Art Visual Climate Change (CRN 25399) [>GP]
ENG 469 (Herrera) Top Racial Ecologies (CRN 26216)
ENVS 345 (TBA) Environmental Ethics (CRN 25893, 25894) [>1]
HIST 378 (Wadewitz) American Envir History to 1890 (CRN 25223) [>2>US]
PHIL 340 (Brence) Environmental Philosophy (CRN 25999) [>1>GP]

Sustainable Design & Practice Foundation:
ENVS 459 (Russel) Water, Public Health, & Envir (CRN 25902)
PPPM 442 (Yang) Sustainable Urban Dev (CRN 24343)
PPPM 445 (Stapleton) Green Cities (CRN 24345)

Area 4: Environmental Issues:
ENVS 350 (Kaul) Ecol Energy Generation (CRN 26418)
ENVS 411 (TBA) Top Indig Water Justice (CRN 21807)
ENVS 425 (Lynch) Top Env Ed Thry & Prac (CRN 25899)°
BI 457 (Galloway) Top Marine Envir Issues (CRN 25688) [OIMB]

Area 5: Practical Learning Experience (PLE):
ENVS 403 (STAFF) Thesis (CRN 21800)
ENVS 404 (Schaub) Internship (CRN 21801) +

KEY:
[A] Only one ERTH 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.
° Environmental Leadership Program students only.
+ Internship credits must be earned during the same term as enrollment in 404 (no retroactive internship credit).

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.