Environmental Science Major
SPRING 2023 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]

AREA 1. Environmental Studies Core Requirements
ENVS 201 (Walker) Intro Env Stu: Soc Sci (CRN 32510) [>2]

AREA 2. Math and Statistics Requirements
Math
MATH 247 (Fisher) Calc for Biol Scie II (CRN 33718)
MATH 251 (Multiple Instructors) Calculus I (Multiple CRNs)
MATH 252 (Multiple Instructors) Calculus II (Multiple CRNs)

Statistics
MATH 425 (Pazdan-Siudeja) Statistic Methods I (CRN 33764)
GEOG 495 (Lucash) Geographic Data Analy (CRN 32833)

Analytical Approaches
GEOG 481 (Kohler) GIsScience I (CRN 32820) ASYNC WEB

AREA 3A. Natural Science Requirements

Life Sciences
Lower division introductory sequences:
BI 212 (Carrier) Gen Biol II: Organisms (CRN 31493) [>3]
BI 213 (Policha/Pfeifer-Meister) Gen Biol III: Populat (CRN 31502) [>3]
CH 222 (tba) General Chemistry II (CRN 31794) [>3]
CH 222 (Exton) General Chemistry II (CRN 31795) [>3] ASYNC WEB
CH 223 (Clayton/Lonergan) General Chemistry III (CRNs 31796/36109) [>3]
CH 228 (Gupta) Gen Chemistry Lab (Multiple CRNs)A
CH 229 (Lonergan/Clayton) Gen Chemistry Lab (Multiple CRNs)A

Upper division electives:
ANTH 341 (Lee) Food Origins (CRN 36530) [>3] ASYNC WEB
ANTH 362 (DuBois) Human Biol Variation (CRN 36531) [>3 >GP >IP] ASYNC WEB
ANTH 472 (Ting) Primate Conserv Biol (CRN 36545)
BI 330 (Singh) Microbiology (CRN 31532)
BI 331 (Jud) Microbiology Lab (Multiple CRNs)
BI 380 (Mostoufi) Evolution (CRN 36050)
BI 390 (Shanks) Animal Behavior (CRN 36054) ASYNC WEB
BI 395 (McGuire) Tropical Ecology (CRN 31546) ASYNC WEB
BI 442 (Policha) Systematic Botany (CRN 31643)
BI 451 (Watts/Emlet) Invertebrate Zoology (CRN 31644) (OIMB)
BI 474 (Trowbridge) Marine Ecology (CRN 31647) (OIMB)
CH 336 (Glass) Organic Chemistry III (CRN 31850)

Earth and Physical Sciences
Lower division introductory sequences:
ERTH 103 (Barrett) Exploring Earth Hist (CRNs 32575/32584) [>3]
ERTH 202 ( Karlstrom) Earth Surface & Enviro (CRN 32595) [>3]
ERTH 203 (Davis) History of Life (CRN 32598) [>3]
GEOG 141 (Kohler) Natural Environment (CRN 32778) [>3] ASYNC WEB
PHYS 203 (Micklavzina) General Physics (CRNs 34878/34886) [>3]
PHYS 206 (Scannell) Intro Physics Lab (Multiple CRNs)A

Upper division electives:
GEOG 322 (Fonstad) Geomorphology (CRN 32798)
GEOG 425 (Cooley) Hydrology & Water Res (CRN 32818)
GEOG 486 (Kohler) Remote Sensing II (CRN 36637)
ERTH 305 (Baxter) Dinosaurs (CRN 32601)A
ERTH 306 (Tozer) Volcanoes & Earthquake (CRN 32602) ASYNC WEBB
ERTH 310 (Blackwell) Earth Resource & Envir (CRN 32603)
ERTH 316 (Rempel) Intro Hydrogeology (CRN 32604)
ERTH 334 (Dorsey) Sediment & Stratigraph (CRN 32608)
ERTH 350 (Miller) Structural Geology (CRN 32611)
ERTH 353 (Bindeman) Geologic Hazards (CRN 36581)
ERTH 410 (Reed) Faulting & Ore Deposit (CRN 36706)

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

Social Science Foundation:
ENVS 410 (Muraca) Ecosystem & Society (CRN 32540)
ENVS 455 (Walker) Sustainability (CRN 32556)
SOC 416 (tba) Top Climate Justice (CRN35326)
Policy Foundation:
PpPM 443 (Rosenberg) Natural Resource Pol (CRN 34993)
PpPM 444 (Ofori) Environmental Policy (CRN 36200)

Humanities Foundation:
ARH 368 (Scott) Art Visual Climate Chg (CRN 36395) [>GP >IC]
HIST 378 (Wadewitz) Amer Envir Hst to 1890 (CRN 36478) [>2 >AC >US]
PHIL 340 (Muraca) Environmental Philos (CRN 36253) [>1 >GP >IC]

Sustainable Design & Practice Foundation:
ENVS 467 (Martin) Sustain Agriculture (CRN 35929)
ENVS 493M (Rempel) Passive Cooling (CRN 31185)

AREA 4. Environmental Issues Courses
ENVS 400M (Shoop/Carey/Sutherland) Top Arctic Ice & State (CRN 32546)
ENVS 411 (Jacobson) Top Fire & State (CRN 32546)

AREA 5. Practical Learning Experience (PLE)
ENVS 429 (Boulay/Lynch) Top Environmental Leadership (CRNs 32547/32551)
ENVS 404 (Keeler) Intern Env Studies (CRN 32533)
ENVS 403 (tbd) Thesis (CRN 32533)

KEY

*AWe recommended taking the corresponding lab for CH and PHYS courses, but it isn’t required and does not count towards major requirements.
*BOnly one ERTH 30X class may count towards ENVS/ESCI major requirements.
*C GEOG 141 only counts if Earth & Physical Sciences is the non-focal area.
*D Limited to students participating in the Environmental Leadership Program
OIMB= Oregon Institute of Marine Biology
PDX= Class meets in Portland
ASYNc WEB= No on-campus meetings or scheduled meeting times. Class is asynchronous.

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, fees, field trips, registration restrictions and other important information.