

Environmental Science Major
Winter 2020 TIP SHEET

Bracketed codes refer to General University Requirements: Arts and Letters = [>1]; Social Science = [>2]; Science = [>3];
Multicultural Codes for students enrolled prior to Fall 2019 = [IC], [IP], [AC]
Fall 2019 & future enrollment: Global Perspectives = {GP} ; US = Difference, Inequality, Agency {US}

AREA 1. Environmental Studies Core Requirements

ENVS 201 (Martin) Intro Env Studies: Soc Sci (CRN 22279) [>2]°

AREA 2. Math and Statistics Requirements

Math

MATH 246 (Fisher) Calc for Biol Sci I (multiple CRNs)

MATH 247 (tba) Calc for Biol Sci II (multiple CRNs)

MATH 251 (multiple) Calculus I (multiple CRNs)

MATH 252 (multiple) Calculus II (multiple CRNs)

Statistics

GEOL 418 (Davis) Earth & Env Data Analy (CRN 22658) #

MATH 425 (Petersen) Statistical Methods I (CRN 26876)

Analytical Approaches

ENVS 427 (Policha) Envir & Eco Monitoring (CRN 22316) + ^

GEOG 481 (Fish) GIScience I (CRN 22565)

AREA 3A. Natural Science Requirements

Life Sciences

Lower division introductory sequences:

BI 211 (Wetherwax) Gen Biol I: Cells (CRN 21190) [>3]

BI 212 (Carrier) Gen Biol II: Organisms (CRN 21200) [>3]

CH 221 (Schabes) General Chemistry I (CRN 21465) [>3]

CH 222 (Schabes/Exton) General Chemistry II (CRN 21466/21467) [>3]

Upper division electives:

BI 309 (Weeks) Tropical Diseases Afr (CRN 21219) [>3] [IC] {GP}

BI 357 (Sutherland) Marine Biology (CRN 21235) [>3]

BI 359 (Streisfeld) Plant Biology (CRN 26020)

BI 390 (Schlenoff D) Animal Behavior (CRN 21243)

BI 472 (Bohannon) Community Ecology (CRN 26014)

CH 335 (Haley) Organic Chemistry II (CRN 21518)

Earth and Physical Sciences

Lower division introductory sequences:

GEOG 141 (Chritz) The Natural Environment (CRN 22531) [>3]

GEOL 102 (Polizotto) Exploring Earth Environ (CRN 22602) [>3]

GEOL 201 (Thomas) Dynamic Planet Earth (CRN 22622) [>3]

GEOL 202 (Webb) Earth Surface/Environ (CRN 22625) [>3]

PHYS 202 (Strom) General Physics (CRN 25015/25016)

Upper division electives:

GEOG 322 (McDowell) Geomorphology (CRN 26277) [>3]

GEOG 482 (Kohler) GIScience II (CRN 22568)

GEOG 361 (Bartlein P) Global Environ Change (22554) [>3]

GEOG 494 (Luan H) Spatial Analysis (CRN 26296)

GEOL 304 (Baxter) Fossil Record (CRN 22629) [>3]**

GEOL 305 (Baxter) Dinosaurs (CRN 22630) [>3]**

GEOL 306 (Tozer) Volcanoes & Earthquake (CRN 22631) [>3]**

GEOL 310 (Reed) Earth Resource & Envir (CRN 22633) [>3]

GEOL 315 (Karlstrom) Earth Physics (CRN 22634)

GEOL 332 (Bindeman) Intro Petrology (5 cr.) (CRN 22637)

GEOL 353 (McKay) Geological Hazards (CRN 22641) [>3] [WEB]

GEOL 410 (Chaussard) Earth Monitoring (CRN 26528)

GEOL 410 (Hopkins S) Paleocology (CRN 26721)

GEOL 468 (Hooft) Intro Seismology (CRN 26725)

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

Social Science Core:

ENVS 435 (Norgaard) Environmental Justice (CRN 22317)%

ENVS 450 (Walker) Political Ecology (CRN 22318)

SOC 416 (Norgaard) Soc of Climate Change (CRN 26051)

Policy Core:

ENVS 335 (Cameron) Alloc Scarce Environmental Resources (CRN 22302) [>2]

Humanities Core:

ENVS 345 (Muraca) Environmental Ethics (CRN 26334) [>1]

PHIL 340 (Muraca) Environmental Philos (CRN 25980) [>1]

ENG 469 (Dawson B) Top Colonialism and Sci (CRN 26568)

ENG 469 (Rossi) Top Senses of Place (CRN 26570)
ENVS 410 (Scott) Unnatural Disasters (CRN 22311)

Sustainable Design & Practice Core:

LA 337 (Russel) Top Des Sustainable Wild (CRN 23399)
PPPM 442 (Yang) Sustainable Urban Dev (CRN 25147)

AREA 4. Environmental Issues Courses

ENVS 411 (Seguin) Top Pol of Climate Change (CRN 22314)
ENVS 425 (Lynch) Top Env Ed Thry & Prac (CRN 22315) +

AREA 5. Practical Learning Experience (PLE)

ENVS 404 (STAFF) Internship (CRN 22305)%
ES 404 (Reyes-Santos) Intern OR Water Justice (CRN 26466)%

°Only one ENVS course may count towards general education group requirements if ENVS is your primary major

*GEOG 141 may only be used if Earth & Physical Science is NOT the focal area

**Only one GEOL 30X class may count towards ENVS/ESCI major requirements

Cannot be used to fulfill Bachelor of Science requirements.

+ Must be enrolled in the Environmental Leadership Program

^ May count for a different major requirement. See your academic adviser.

% Instructor approval required

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.
- 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, registration restrictions and other important information.