

Environmental Science Major

Fall 2017 TIP SHEET

Bracketed codes refer to General University Requirements: Arts and Letters = [>1]; Social Science = [>2]; Science = [>3];
Multicultural Codes = {IC}, {IP}, {AC}

AREA 1. Lower Division Environmental Studies Core Requirements

ENVS 201 (Martin) Intro Env Stu: Soc Sci (CRN 12188) [>1]°

ENVS 203 (LeMenager) Intro Env Stu: Hum (CRN 12201) [>3]°

AREA 2. Lower Division Math and Science Requirements

Math

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

MATH 251 (multiple instructors) Calculus I (multiple CRNs)

MATH 252 (multiple instructors) Calculus II (multiple CRNs)

Statistics

MATH 425 (Ralph) Statistical Methods I (CRN 13797)

SOC 312 (Gullickson) Statistical Analy Soc (CRN 15495)

Analytical Approaches

GEOG 481 (Schmidtke) GIScience I (CRN 12567)

LA 413 (Enright) Analyzing Land Systems (CRN 13463)

AREA 3A. Natural Science Requirements

Life Sciences

Lower division introductory sequences:

BI 211 (Barber/Hulslander) Gen Biol I: Cells (CRN 11058/11066) [>3]

BI 213 (Wetherwax) Gen Biol III: Populations (CRN 11075) [>3]

CH 111 (Sullivan) Intro Chem Principles (CRN 11351/16986)*

CH 221 (Exton/Greenbowe) General Chemistry I (CRN 11359/11360) [>3]

CH 223 (tba) General Chemistry III (CRN 16197) [>3]

CH 227 (Greenbowe/Exton) Gen Chemistry Lab (multiple CRNs) (2 credits)^

Upper division electives:

ANTH 463 (tba) Primate Behavior (CRN 16173)

BI 370 (Roy) Ecology (CRN 11115)

BI 380 (Bradshaw) Evolution (CRN 11118)

BI 432 (Stone) Mycology (CRN 11197) (5 credits)

BI 454 (Emler) Estuarine Biology (CRN 11199) [OIMB] (5 credits)

BI 457 (Young) Top Deep Sea Ecology (CRN 11201) [OIMB] (5 – 8 credits)

BI 457 (Hodder) Top Marine Envir Iss (CRN 11200) [OIMB] (5 credits)

BI 458 (Shanks) Biol Oceanography (CRN 11202) [OIMB] (5 credits)

CH 331 (tba) Organic Chemistry I (CRN 11417)

GEOG 323 (tba) Biogeography (CRN 12547)

GEOG 433 (Gavin) Fire & Natural Disturb (CRN 16388)

Earth and Physical Sciences

Lower divisions introductory sequences:

GEOG 141 (Gavin) Natural Environment (CRN 12516)* [>3]

GEOG 101 (Rempel) Earth's Dynamic Interior (CRN 12613,12621) [>3]

GEOG 201 (Thomas) Earth's Interior Heat (CRN 12636)

PHYS 201 (Taylor/Jenkins) General Physics (CRN 14987,14996, 15000) [>3]

PHYS 204 (Scannell) Intro Physics Lab (multiple CRNs) (2 credits)^

Upper division electives:

ENVS 477 (Silva) Soil Science (CRN 16565)

GEOG 361 (tba) Global Environ Change (CRN 16385)

GEOG 485 (Kohler) Remote Sensing I (CRN 12572)

GEOG 305 (Baxter) Dinosaurs (CRN 12641)**

GEOG 306 (Tozer) Volcanoes & Earthquake (CRN 12642)**

GEOG 310 (Blackwell) Earth Resources & Envir (CRN 12644)

GEOG 331 (Blackwell) Minerology (CRN 12649) (5 credits)

GEOG 353 (Mckay) Geological Hazards (CRN 12652) [WEB]

GEOG 434 (Hopkins) Verteb Paleontology (CRN 12666)

GEOG 441 (Roering) Hillslope Geomorphol (CRN 16076)

GEOG 468 (Hooft Toomey) Intro Seismology (CRN 16513)

GEOG 473 (Bindeman) Isotope Geochemistry (CRN 16108)

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

Social Science Core:

ENVS 435 (Bacon) Environmental Justice (CRN 16571)

GEOG 341 (Cohen) Population & Environ (CRN 16384) [>2] {IC}

Policy Core:

PPPM 408 (Holtgrieve) Wrk Env Impact Assessm (CRN 15100) [WEB]

PPPM 443 (Rosenburg) Natural Resource Pol (CRN 15111)

PS 477 (Mitchell) Intl Environ Politics (CRN 16281)

Humanities Core:

ENVS 345 (Morar) Environmental Ethics (CRN 12217) [>1]°

HIST 378 (Weisiger) Amer Envir Hst to 1890 (CRN 16572) [>2] {AC}

Sustainable Design & Practice Core:

ARCH 435 (Gast) Princ Urban Design (CRN 10496) [PDX]
ENVS 400M (Rempel) Climate Responsive Des (CRN 16573)
LA 441 (Johnson) Princ Applied Ecology (CRN 13467)
PPPM 445 (Stephens) Green Cities (CRN 15113)

AREA 4. Environmental Issues

ENVS 411 (Meier) Top Altern Infrastruct (CRN 12230)
ENVS 411 (Pravin) Coastal Cities Clim Ch (CRN 12231)

AREA 5. Practical Learning Experience

ENVS 404 (tba) Intern Env Studies (CRN 12225)
ENVS 429 (Boulay) Top Environ Leadership (CRN 12232)#

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

*GEOG 141/CH 111 may only be used in your non-focal area

** Only one GEOL 30X class may be taken

^ Highly recommended class, does not count for major

Application 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.