Environmental Science Major
Winter 2016 TIP SHEET

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

Upper division electives:
ENVS 465 (Bridgham) Wetland Ecology & Management (CRN 26765)
GEOG 322 (McDowell) Geomorphology (CRN 22532) [>3]
GEOG 361 (Bartlein) Global Environmental Change (CRN 26944) [>3]
GEOG 410 (Fonstad) Mountain Geography (CRN 27167)
GEOG 425 (Fonstad) Hydrology and Water Resources (CRN 26938)
GEOG 482 (Kohler) GIScience II (CRN 22555)
GEOG 485 (Kohler) Remote Sensing I (CRN 22558)
GEOL 304 (Baxter) Fossil Record (CRN 22621) [>3] **
GEOL 305 (Baxter) Dinosuars (CRN 26537) [WEB] [>3] **
GEOL 306 (Humphreys) Volcanoes & Earthquakes (CRN 22622) [>3] **
GEOL 307 (Orr) Oceanography (CRN 26538) [WEB] [>3] **
GEOL 310 (Reed) Earth Resources & Environment (CRN 22624) [>3]
GEOL 353 (Bindeman) Geological Hazards (CRN 26066) [>3]
GEOL 410 (Blackwell) Colorado Plateau Geology (3 Credits) (CRN 26239)
GEOL 410 (Sutherland) Physical Oceanography (CRN 26077)
GEOL 410 (Armentrout) Petroleum Geology (CRN 26084)
GEOL 433 (Retallack) Palaeobotany (CRN 26090)
GEOL 468 (Toomey) Intro Seismology (CRN 26082)
GEOL 473 (Bindeman) Isotope Geochemistry (CRN 26088)

AREA 1A. Environmental Studies Core Requirements
ENVS 201 (Schreiner) Intro Env Studies: Soc Sci (22250) [>2] *

AREA 2. Math and Statistics Requirements
Math
MATH 246 (Hertvert/TBA) Calculus for the Biological Sciences I (CRN 23727/8)
MATH 247 (Davidson/Schopieray) Calculus for the Bio. Sciences II (CRN 23729/30)
MATH 251 (Multiple Instructors) Calculus I (Multiple CRNs)
MATH 252 (Multiple Instructors) Calculus II (Multiple CRNs)

Statistics
GEOG 495 (Bartlein) Geographic Data Analysis (CRN 22562)
GEOL 418 (Roering) Earth & Env Data Analysis (CRN 22640)
SOC 312 (Gullickson) Quantitative Methods in Sociology (CRN 25506)

Analytical Approaches
ENVS 427 (Boulay) Environmental and Ecological Monitoring (CRN 26774)
LA 413 (Ribe) Analyzing Land Systems (CRN 27100)

AREA 3A. Natural Science Requirements
Life Sciences
Lower division introductory sequences:
BI 211 (Wetherwax/Prikryl) General Biology I: Cells (21030/21039) [>3]
BI 212 (Carrier) General Biology II: Organisms (CRN 21048) [>3]
CH 222 (Williams/Greenbowe) General Chemistry II (CRN 21307/8) [>3]
CH 228 (Greenbowe) General Chemistry Lab II (CRN 21310/42) ***

Upper division electives:
ANTH 330 (Sugiyama) Hunters and Gatherers (CRN 26384) [>2] {IC} [WEB]
BI 309 (Weeks) Tropical Diseases of Africa (CRN 26515) {IC}
BI 357 (Wood) Marine Biology (CRN 21076) [>3]
BI 359 (Streisfeld) Plant Biology (CRN 26519)
BI 370 (Roy) Ecology (CRN 21084)
BI 390 (Schlenoff) Animal Behavior (CRN 21087)
BI 410 (Bohannan) Microbial Ecology (CRN 21158)
CH 335 (Haley) Organic Chemistry II (CRN 21359)
GEOG 423 (Gavin) Top Biodiv Crisis (CRN 26937)

Earth and Physical Sciences
Lower division introductory sequences:
GEOG 141 (Gavin) The Natural Environment (CRN 22498) [>3] *
GEOL 202 (Blackwell) Earth Surface & Env Geology (CRN 22617) [>3]
PHYS 202 (Jenkins) General Physics II (Multiple CRNs) [>3]
PHYS 205 (Peterson) Intro Physics Lab II (Multiple CRNs) ***
**Sustainable Design & Practice Core:**
PPPM 442 (Wei) Sustainable Urban Development (CRN 25082)

**AREA 4. Environmental Issues Courses**
ENVS 411 (Christion Myers) Top Climate Ethics (CRN 22278)
ENVS 411 (Bacon) Top Ecol Conflicts (CRN 22280)
ENVS 425 (Lynch) Environmental Education (CRN 22282)

**AREA 5. Practical Learning Experience**
ENVS 404 (Jones) Internship (CRN 22273)

*Only one ENVS course may count towards general education group requirements if ENVS/ESCI is your 1st major*

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

**Only one GEOL 30X class may be taken**

***Recommended class, does not count for major***

DISCLAIMER: 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. Classes on the tip sheet count in the Area for that particular term.