Environmental Science Major
Winter 2014 TIP SHEET

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

AREA 1. Environmental Studies Core Requirements
ENVS 201 (Lynn) Intro Env Studies: Social Science (23449 + Dis) [>2]

AREA 2. Math and Statistics Requirements
Math
MATH 246 (Battiste, Welty) Calculus for the Biological Sciences I (CRN 24902, 24903) [>3]
MATH 247 (Ostrik, Iverson) Calculus for the Biological Sciences II (CRN 24904, 24905) [>3]
MATH 251 (Multiple Instructors) Calculus I (Multiple CRNs) [>3]
MATH 252 (Multiple Instructors) Calculus II (Multiple CRNs) [>3]
Statistics
GEOG 495 (Bartlein) Geographic Data Analysis (CRN 23751)
GEOL 418 (Roering) Earth & Env Data Analysis (CRN 23836 + Lab)
MATH 425 (Merchant) Statistical Methods I (CRN 24958)
SOC 312 (Clement) Quantitative Methods in Sociology (CRN 26616)

Analytical Approaches
GEOG 485 (Dietrich) Remote Sensing I (CRN 23744 + Lab)
GEOG 491 (Kohler) Advanced GIS (CRN 23747)

AREA 3A. Natural Science Requirements
Life Sciences
Lower division introductory sequences:
BI 211 (Wetherwax/Priky) General Biology I: Cells (CRN 22266, 22275 + Lab) [>3]
BI 212 (Carrier) General Biology II: Organisms (CRN 22284 + Lab) [>3]
CH 222 (Chimploy, Exton/Greenbow) General Chemistry II (Multiple CRNs) [>3]
CH 228 (Exton/Greenbow) General Chemistry Lab II (multiple CRNs)
Upper division electives:
ANTH 446 (Lee) Practical Archeobotany (CRN 28177)
ANTH 463 (Wallar) Primate Behavior (CRN 27810)
BI 357 (Trowbridge) Marine Biology (CRN 22284 + Lab) [>3]
BI 359 (Streisfeld) Plant Biology (CRN 22272 + Dis)
BI 370 (Pfeifer-Meister) Ecology (CRN 27609 + Lab)
BI 380 (Bradshaw) Evolution (CRN 27266 + Dis)
BI 390 (Schlenoff) Animal Behavior (CRN 22318 + Dis)
CH 335 (Branchaud) Organic Chemistry II (CRN 22578)
ENVS 465 (Bridgham) Wetland Ecology & Management (CRN 28053)
LA 465 (Johnson) Landscape Ecology (CRN 28471)

Earth and Physical Sciences
Lower division introductory sequences:
GEOG 141 (Goslin) The Natural Environment (CRN 23681 + Dis) [>3] *
GEOG 202 (Owen) Earth Surface & Env Geology (CRN 23812 + Lab) [>3]
PHYS 202 (Multiple Instructors) General Physics II (multiple CRNs + Tutorial) [>3]
PHYS 205 (TBA) Intro Physics Lab II (multiple CRNs)
Upper division electives:
GEOG 322 (McDowell) Geomorphology (CRN 28051) [>3]
GEOG 360 (McDowell) Watershed Science and Policy (CRN 28019) [>3]
GEOG 361 (Bartlein) Global Environmental Change (CRN 28020) [>3]
GEOG 410 (Fonstad) Mountain Geography (CRN 28022)
GEOG 461 (Kohler) Environmental Alteration (CRN 28026)
GEOL 304 (Baxter) Fossil Record (CRN 23816) [>3]
GEOL 306 (McKay) Volcanoes & Earthquakes (CRN 27820) [>3]
GEOL 307 (Orr) Oceanography (CRN 27821) [>3]
GEOL 308 (Miles) Oregon & Pacific NW (CRN 27819) [>3]
GEOL 310 (Reed) Earth Resources & Environment (CRN 23818) [>3]
GEOL 331 (Blackwell) Mineralogy (CRN 23821 + Lab)
GEOL 353 (Watkins) Geological Hazards (CRN 23824) [>3]
GEOL 410 (Sutherland) Oceanography of Oregon Coast (CRN 23835)
GEOL 410 (Blackwell) Colorado Plateau Geology (CRN 28079)
GEOL 410 (Armentrout) Petroleum Geology (CRN 28083)
GEOL 433 (Retallack) Paleobotany (CRN 28081)
GEOL 473 (Binder) Isotope Geochemistry (CRN 28400)

AREA 3B. Upper-Division Social Science, Policy, Humanities, and Sustainable Design & Practice
Social Science Core:
ENVS 399 (Norgaard) Env Movements of Global North/South (CRN 28077)
ENVS 435 (Norgaard) Environmental Justice (CRN 23482)
SOC 304 (Foster) Community, Environment, Society (CRN 27498) [>2]
Policy Core:
ENVS 335 (Cameron) Allocating Scarce Environmental Resources (CRN 23469) [>2]
PPPM 444 (Jacobsen) Environmental Policy (CRN 26229)
EC 410 (Mastromonaco) Environmental Economics (CRN 23207)

Humanities Core:
ENG 469 (Westling) Literature and the Environment (CRN 27546)

Sustainable Design & Practice Core:
ENVS 467 (Martin) Sustainable Agriculture (CRN 28055)
PPPM 442 (Wei) Sustainable Urban Development (CRN 26228)
PPPM 445 (Lewis) Green Cities (CRN 27508)

AREA 4. Environmental Issues Courses
ENVS 411 (Christion Myers) Climate Ethics (CRN 23478)

AREA 5. Practical Learning Experience (PLE)
ENVS 404 (Au) Internship (CRN 23472)

*Only one ENVS course may count towards general education group requirements
*GEOG 141 may only be used if Earth & Physical Science is NOT the focal area
**Only one GEOL 30X class may be taken

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