

Environmental Science Major (after Summer 2007)
Fall 2009 TIP SHEET

Bracketed codes refer to University General Education Requirements: A&L=Arts and Letters; SSC=Social Science; SC=Science; IC, IP, AC=Multicultural Codes.

AREA 1. Environmental Studies Core Requirements

ENVS 201 (Martin) Intro to Env Studies: Social Sciences (CRN 12387) [SSC]
ENVS 203 (Elliott) Intro to Env Studies: Humanities (CRN 16192) [A&L]

AREA 2. Math and Statistics Requirements

Math

MATH 246 (TBA) Calculus for Biological Sciences I (CRN 13689/13690) [SC]
MATH 251 Calculus I (multiple CRNs) [SC]
MATH 252 Calculus II (multiple CRNs) [SC]

Analytical Approaches

GEOG 416 (Kohler) Intro to GIS (CRN 12700)

AREA 3A. Natural Science Requirements

Life Sciences

Lower division introductory sequences:

BI 211 (Wetherwax) General Biology I: Cells (CRN 11344) [SC]
BI 251 (Sprague/Stiefbold/Westerfield) Biochem & Cell Physiology (CRN 11360) [SC]
CH 111 (Engelking) Intro to Chemical Principles (CRN 11579) [SC]
CH 221 (Herrick/Exton/Dyke) General Chemistry I (multiple CRNs) [SC]
CH 227 (Exton) General Chemistry Lab I (CRN 11590/11599)

Upper division electives:

ANTH 472 (White) Primate Conservation Biology (CRN 16370)
BI 307 (Dickman) Forest Biology (CRN 11366) [SC]
BI 370 (Bohannan) Ecology (CRN 11380)
BI 454 (Emlet) Estuarine Biology (CRN 11443) (OIMB)
BI 457 (Hodder) Marine Environmental Issues (CRN 11445) (OIMB)
BI 457 (Maslakova) Marine Molecular Biology (CRN 11446) (OIMB)
BI 458 (Shanks) Biological Oceanography (CRN 11448) (OIMB)
CH 331 (Johnson/Williams) Organic Chemistry I (CRN 11634)
GEOG 433 (Gavin) Fire and Natural Disturbances (CRN 16660)
LA 441 (Johnson/Simms) Principles of Applied Ecology (CRN 13474)

Earth and Physical Sciences

Lower division introductory sequences:

GEOL 201 (Hooft Toomey) Earth's Interior Heat (CRN 12755) [SC]
PHYS 201 (Taylor/Micklavzina) General Physics I (multiple CRNs) [SC]
PHYS 204 (Livelybrooks) Intro Physics Lab I (multiple CRNs)

Upper division electives:

GEOG 321 (TBA) Climatology (CRN 12686) [SC]
GEOG 360 (Blanton) Watershed Science & Policy (CRN 16977) [SC]
GEOG 425 (TBA) Hydrology & Water Resources (CRN 15987)
GEOL 310 (Rusk) Earth Resources & Environment (CRN 16431) [SC]
GEOL 311 (Reed) Earth Materials (CRN 15775)
GEOL 334 (Dorsey) Sedimentology & Stratigraphy (CRN 12764)

AREA 3B. Social Science and Humanities Courses

Social Science

GEOG 341 (Cohen) Population & Environment (CRN 12687) [SSC] {IC}

Policy

PPPM 331 (Holtgrieve) Environmental Management (CRN 14912)

Humanities

PHIL 410 (Jamieson) Climate Ethics & Law (CRN 16848)

Design

ARCH 435 (TBA) Principles of Urban Design (CRN 10797/10798) (Portland)
LA 361 (Thoren/Warren) Land Analysis (CRN 13463)

AREA 4. Environmental Issues

ENVS 411 (Peacher) Top: American Wilderness (CRN 12408)
ENVS 411 (Horan/Stratton) Top: Ecology & the Economy (CRN 16206)

AREA 5. Practical Learning Experience (PLE)

ENVS 404 Internship (CRN 12404)