Environmental Science Major
Spring 2012 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 (Mason) Intro to Env Studies: Social Science (CRN 32810)
ENVS 203 (Toadvine) Intro to Env Studies: Humanities (CRN 32814)

AREA 2. Math and Statistics Requirements
Math
MATH 247 (Wang) Calculus for Biological Sciences II (CRN 34124) [SC]
MATH 251 Calculus I (multiple CRNs) [SC]
MATH 252 Calculus II (multiple CRNs) [SC]
Statistics
GEOG 417 (Bartlein) Geographical Data Analysis (CRN 33064)
SOC 312 (Southworth) Quantitative Methods in Soc (CRN 35763)

Analytical Approaches
BI 473 (Bradshaw) Quantitative Ecology (CRN 36453)
GEOG 410 (Bone) Spatial Analysis/Modeling (CRN 37076)
GEOG 416 (Kohler) Intro to Geographic Information Systems (CRN 37082)
GEOG 472 (Kohler) Advanced Geographic Information Systems (CRN 33068)
PPPM 434 (Yang) Urban Geog Info Systems (CRN 35392)

AREA 3A. Natural Science Requirements
Life Sciences
Lower division introductory sequences:
BI 212 (Carrier) General Bio II: Organisms (CRN 31729) [SC]
BI 213 (Hulslander) General Bio III: Population (CRN 31737) [SC]
CH 223 (Herrick/Williams) General Chemistry III (CRNs 31983/31984) [SC]
CH 229 (Herrmann) General Chemistry Lab III (CRNs 31986/36831)

Upper division electives:
ANTH 446 (Lee) Practical Archaeobotany (CRN 31095)
ANTH 472 (Waller) Primate Conservation Biology (CRN 36975)
BI 306 (Wetherwax) Pollination Biology (31751) [SC]
BI 307 (Dickman) Forest Biology (CRN 36436) [SC]
BI 330 (Guillemin) Microbiology (CRN 31767)
BI 331 (Kelly) Microbiology Lab (multiple CRNs)
BI 375 (Green) Biological Diversity (CRN 36439)
BI 380 (Cresko) Evolution (CRN 36443)
BI 390 (Shanks) Animal Behavior (CRN 31772) [OIMB]
BI 410 (Bohannan) Microbial Ecology (CRN 36447)
BI 442 (Roy) Systematic Botany (CRN 36451)
BI 451 (Emlet) Invertebrate Zoology (CRN 31839) [OIMB]

Earth and Physical Sciences
Lower division introductory sequences:
GEOG 141 (Atha) Natural Environment (CRN 33025) [SC] *
GEOL 203 (Retallack) Evolution of the Earth (CRN 33127) [SC]
PHYS 203 (Jenkins) General Physics III (CRNs 35299/35300) [SC] *

Upper division electives:
GEOG 360 (McDowell) Watershed Science & Policy (CRN 33053) [SC]
GEOG 427 (McDowell) Fluvial Geomorphology (CRN 33066)
GEOG 432 (Bartlein) Climate Aspects of Global Change (CRN 37088)
GEOL 304 (Miles) Fossil Record (CRN 37345) [SC] [web] **
GEOL 305 (Baxter) Dinosaurs (CRN 33131) [SC] **
GEOL 306 (Tozer) Volcanoes & Earthquakes (CRN 37347) [SC] [web] **
GEOL 307 (Sutherland) Oceanography (CRN 36301) [SC] **
GEOL 308 (Blackwell) Oregon & Pacific NW (CRN 36306) [SC] **
GEOL 308 (Miles) Oregon & Pacific NW (CRN 37346) [SC] [web] **
GEOL 310 (Rusk) Earth Resources & Environment (CRN 37348) [web]
GEOG 323 (Gavin) Biogeography (CRN 33047)

AREA 3B. Upper-Division Social Science, Policy, Humanities, and Design
Social Science
PPPM 399 (Doppelt) Sp St Thinking Sustainably (CRN 36605)
SOC 410 (Hunt) Salmon & Society (CRN 35780)

Policy
PPPM 408 (Holtgrieve) Wrk Env Impact Assessment (CRN 37317) [web]
PPPM 443 (Margerum) Natural Resource Policy (CRN 35397)
PS 477 (Mitchell) Intl Environmental Politics (CRN 36525)
Humanities
J 463 (Bassett) Top Environmental Writing (CRN 33689) †
J 463 (Palfreman) Top Reporting Science (CRN 33693) †
PHIL 340 (Brence) Environmental Philosophy (CRN 35255) {A&L}

Design
ARCH 430 (Keyes/Muller) Architectural Contexts: Place & Culture (CRN 31198)
LA 413 (Corlett/Ribe) Analyzing Land Systems (CRN 37250)

AREA 4. Environmental Issues
ENVS 411 (Knapp) Conservation & Restoration (CRN 32836)
ENVS 411 (Martin) Sustainable Agriculture (CRN 36756)
ENVS 411 (Veazey) Env Action in America (CRN 37420)

AREA 5. Practical Learning Experience (PLE)
ENVS 404 (Boulay) Internship (CRN 32832)

* GEOG 141 may only be used if Earth & Physical Science is not the focal area.
** Only one GEOL 30X class may be taken
† Listed as open only to Journalism majors – ENVS/ESCI majors allowed with instructor approval