Environmental Science Major (after Summer 2007)
Summer 2011 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 (Veazey) Intro Env Studies: Social Science (CRN 41613) [SSC]
ENVS 203 (Bacon) Intro Env Studies: Humanities (CRN 41614) [A&L]

AREA 2. Math and Statistics Requirements
Math
MATH 251 (tba) Calculus I (CRN 42072) [SC]
MATH 252 (tba) Calculus II (CRN 42073) [SC]

Statistics
BI 399 (Bingham) Sp St: Experimental Design/ Stats (CRN 42967) [OIMB]
SOC 312 (Gullickson) Quantitative Methods in Sociology (CRN 42609)

Analytical Approaches
GEOG 416 (tba) Intro to Geog Info Systems (CRN 41713)
PPPM 434 (Callister) Urban Geog Info Systems (CRN 42430)

AREA 3A. Natural Science Requirements
Life Sciences
Lower division introductory sequences:
BI 211 (Hulslander) General Biology I: Cells (CRN 41167) [SC]
BI 212 (Prikryl) General Biology II: Organisms (CRN 42984) [SC]
CH 111 (Willemsen) Intro to Chemical Principles (CRN 41303) [SC]
CH 221 (Slabon) General Chemistry I (CRN 41304) [SC]
CH 222 (Slabon) General Chemistry II (CRN 41305) [SC]
CH 223 (Slabon) General Chemistry III (CRN 41306) [SC]
CH 227 (Robinson) General Chemistry Lab I (CRN 41307)
CH 228 (Robinson) General Chemistry Lab II (CRN 41310)
CH 229 (Robinson) General Chemistry Lab III (CRN 41313)

Upper division electives:
ANTH 399 (McLaughlin) Sp St: Forensic Anthropology (CRN 40965)
BI 412 (Schultz) Topic: Coastal Biology (CRN 41202)
BI 448 (Holmes) Field Botany (CRN 41203)
BI 451 (Williams) Invertebrate Zoology (CRN 41204)
BI 452 (tba) Insect Biology (CRN 41205)
BI 457 (Baker) Topic: Adaptation of Marine Animals (CRN 41207)
BI 457 (Trowbridge) Topic: Marine Botany (CRN 42977)
BI 457 (Parkyn) Topic: Biology of Fishes (CRN 42979)
BI 478 (Wetherwax) Neotropical Ecology in Ecuador (CRN 42993)
BI 479 (Wetherwax) Neotropical Ecology in Ecuador (CRN 42994)
CH 331 (tba) Organic Chemistry I (CRN 41316)
CH 335 (tba) Organic Chemistry II (CRN 41317)

Earth and Physical Sciences
Lower division introductory sequences:
PHYS 201 (Griffith) General Physics I (CRN 42396) [SC]
PHYS 202 (Peck) General Physics II (CRN 42397) [SC]
PHYS 203 (Frey) General Physics III (CRN 42398) [SC]
PHYS 204 (Planinsic/Scannell) Intro Physics Lab I (CRNs 42399/ 42400)
PHYS 205 (Benegas) Intro Physics Lab II (CRNs 42401/ 42402)
PHYS 206 (Scannell) Intro Physics Lab III (CRNs 42403/ 42404)

Upper division electives:
GEOG 322 (tba) Geomorphology (CRN 41704) [SC]
GEOG 410 (tba) Advanced Physical Geography (CRN 43069)
GEOL 304 (Miles) Fossil Record (CRN 43184) [SC]*
GEOL 305 (Orcutt) Dinosaurs (CRN 43144) [SC]*
GEOL 306 (Tozer) Volcanoes & Earthquakes (CRN 43186) [SC]*
GEOL 307 (Baxter) Oceanography (CRN 41733) [SC]*
GEOL 308 (Blackwell/Miles) Oregon & Pacific NW (CRNs 41734/ 43185) [SC]*

AREA 3B. Social Science and Humanities Courses
Social Science
ENVS 455 (Walker) Sustainability (CRN 43063)
GEOG 341 (tba) Population & Environment (CRN 41705) [SSC]
SOC 304 (Clement) Community, Environment, Society (CRN 42606) [SSC]
SOC 399 (Miller) Sp St: Environmental Justice (CRN 43022)

Policy
PPPM 331 (Holtgrieve) Environmental Management (CRN 42416)
PPPM 407 (Nielsen-Pincus) Sem: Managing Watersheds (CRN 42423)
PPPM 407 (tba) Sem: Natural Resource Management (CRN 42847)

AREA 4. Environmental Issues
ENVS 411 (Martin) Topic: Sustainable Agriculture (CRN 41622)
ENVS 411 (Wynn) Topic: Climate Justice (CRN 43061)
ENVS 411 (Elliott) Topic: Hanford & Columbia Basin (CRN 43062)

AREA 5. Practical Learning Experience (PLE)
ENVS 404 (Boulay) Internship (CRN 41618)

*Only ONE course of GEOL 30X can be counted for the ESCI major