Environmental Science Major (after Summer 2007)
Fall 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 (Walker) Intro Env Studies: Social Science (CRN 12718) [SSC]
ENVS 203 (Mason) Intro Env Studies: Humanities (CRN 12731) [A&L]

AREA 2. Math and Statistics Requirements
Math
MATH 246 (tba) Calculus for Biological Sciences I (multiple CRNs) [SC]
MATH 251 (tba) Calculus I (multiple CRNs) [SC]
MATH 252 (tba) Calculus II (multiple CRNs) [SC]

Statistics
MATH 410 (Sadofsky) Statistical Models/ Methods (CRN 17044)
SOC 312 (York/O’Brien) Quantitative Methods in Sociology (CRNs 15787/ 16706)

Analytical Approaches
GEOG 416 (tba) Intro to Geog Info Systems (CRN 13071)

AREA 3A. Natural Science Requirements
Life Sciences
Lower division introductory sequences:
BI 211 (Hulslander/Postlethwait) General Biology I: Cells (CRN 11604) [SC]
BI 213 (Wetherwax) General Biology III: Population (CRN 11615) [SC]
CH 111 (Lonergan) Intro to Chemical Principles (CRN 11861) [SC]
CH 221 General Chemistry I (multiple CRNs)
CH 227 (Herrman/Exton) General Chemistry Lab I (CRNs 11873/ 11882)

Upper division electives:
ANTH 310 (tba) Top: Env Archaeology (CRN 16761)
ANTH 361 (Frost) Physical Geog: Field Methods (CRN 16824)
ENVS 410 (Bridgham) Soil Science (CRN 12740)
GEOG 321 (Bartlein) Climatology (CRN 13056) [SC]
GEOG 361 (Bartlein) Global Environmental Change (CRN 16822) [SC]
GEOG 410 (McDowell) Geology of Ore Deposits (CRN 13150)
GEOG 410 (Jin) Env Reaction Model (CRN 16282)
GEOG 425 (Reed) Geology of Ore Deposits (CRN 13150)

Earth and Physical Sciences
Lower division introductory sequences:
GEOL 201 (tba) Earth’s Interior Heat & Dynamics (CRN 13125) [SC]
PHYS 201 (Jenkins/ Miclavelzina) General Physics I (CRNs 15309/ 15327) [SC]
PHYS 204 (Livelybrooks) Intro Physics Lab I (multiple CRNs)

Upper division electives:
ENVS 410 (Bridgham) Soil Science (CRN 12740)
GEOL 306 (Bindeman) Volcanoes & Earthquakes (CRN 13129) [SC]*
GEOL 308 (Tozer) Oregon & Pacific NW (CRNs 13131/17175) [SC]*
GEOG 341 (Cohen) Population & Environment (CRN 13057) [SSC]
GEOG 361 (Bartlein) Climatology (CRN 13056) [SSC]
GEOG 410 (Roering) River Mechanics (CRN 16262)
GEOG 410 (Jin) Env Reaction Model (CRN 16282)
GEOG 425 (Reed) Geology of Ore Deposits (CRN 13150)

AREA 3B. Social Science and Humanities Courses
Social Science
ENVS 455 (Walker) Sustainability (CRN 12745)
GEOG 341 (Cohen) Population & Environment (CRN 13057) [SSC]
SOC 304 (Miller) Community, Environment, Society (CRN 16715) [SSC]

Policy
PPPM 331 (Holtgrieve) Environmental Mgmt (CRN 15391)

Humanities
ENVS 345 (tba) Environmental Ethics (CRN 17052) [A&L]
HIST 473 (Weisiger) American Env History in the 20th Century (CRN 16524)

Design
ARCH 435 (Gast) Principles of Urban Design (CRN 11044)
PPPM 445 (Young) Green Cities (CRNs 15411/ 17016)

AREA 4. Environmental Issues
ENVS 411 (Veazey/ Krell Rivera) Top Env Act in America (CRN 12742)
ENVS 411 (Crider) Top Law & Environment (CRN 12743)
ENVS 411 (Bonady/Lynch) Top NW Ethnobotany (CRN 16950)

AREA 5. Practical Learning Experience (PLE)
ENVS 404 (Boulay) Internship (CRN 12736)

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