Environmental Science Major
Fall 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 (Martin) Intro to Env Studies: Social Sciences (CRN 12274) [>2]*
ENVS 201 (Schreiner) Intro to Env Studies: Social Sciences (CRN 16493) [>2]*
ENVS 203 (Toadvine) Intro to Env Studies: Humanities (CRN 12287) [>1]*

**AREA 2. Math and Statistics Requirements**
Math
MATH 246 (mult. instructors) Calculus for the Bio Sciences I (mult. CRNs)
MATH 251 (mult. instructors) Calculus I (mult. CRNs)
MATH 252 (mult. instructors) Calculus II (mult. CRNs)

Statistics
MATH 425 (TBA) Statistical Methods I (CRN 13936)
SOC 312 (York) Quantitative Methods in Sociology (CRN 15596)

**Analytical Approaches**
GEOG 481 (Kohler) GIScience I (CRN 12655)
LA 413 (Thoren) Analyzing Land Systems (CRN 13603)

**AREA 3A. Natural Science Requirements**
Life Sciences
Lower division introductory sequences:
BI 211 (Postlethwait) General Biology I: Cells (CRN 11042, 11051) [>3]
BI 213 (Wetherwax) General Biology III: Populations (CRN 11060) [>3]
CH 111 (Lonergan) Intro to Chemical Principles (CRN 11317) [>3]
CH 221 (TBA) General Chemistry I (CRN 11323) [>3]
CH 227 (mult. instructors) Gen Chem Lab (mult. CRNs)***

Upper division electives:
BI 307 (Dickman) Forest Biology (CRN 11090) [>3]
BI 374 (Schlenoff) Conservation Biology (CRN 11193)
BI 380 (Bradshaw) Evolution (CRN 16214)
BI 432 (Stone) Mycology (CRN 11169)
BI 454 (Emlet) Estuarine Biology (CRN 16704) [OIMB]
BI 457 (Hodder) Top Marine Environmental Issues (CRN 11171) [OIMB]
BI 458 (Shanks) Biological Oceanography (CRN 11173) [OIMB]
BI 472 (Pfeifer-Meister) Community Ecology (CRN 16691)
CH 331 (Williams) Organic Chemistry I (CRN 11388)
GEOG 323 (Gavin) Biogeography (CRN 12633) [>3]
LA 441 (Johnson) Principles of Applied Ecology (CRN 13608)
LA 465 (Johnson) Reading the Landscape of Wild Oregon (CRN TBA)

Earth and Physical Sciences
Lower division introductory sequences:
GEOG 141 (Toadvine) The Natural Environment (CRN 12594) [>3]
GEOG 201 (Blackwell) Earth’s Interior Heat & Dynamics (CRN 12714) [>3]
PHYS 201 (mult. instructors) General Physics I (mult. CRNs) [>3]
PHYS 204 (mult. instructors) Intro Physics Lab I (mult. CRNs)***

Upper division electives:
ENVS 350 (Bothum) Ecology of Energy Generation (CRN 16881)
ENVS 477 (Marshall) Soil Science (CRN 16484)

**AREA 3B. Upper-Division Social Science, Policy, Humanities, and Sustainable Design & Practice**
Social Science Core:
GEOG 341 (Cohen) Population & Environment (CRN 12638) [>2] [IC]

Policy Core:
EC 410 (Cameron) Natural Resource Economics (CRN 12049)
PPPM 331 (Holtgrieve) Environmental Management (CRN 15172)
PPPM 408 (Holtgrieve) Environmental Impact Assessment (CRN 15181)
PS 399 (Mitchell) Politics of Climate Change (CRN 15268)

Humanities Core:
ENVS 345 (Toadvine) Environmental Ethics (CRN 12297) [>1]
PHIL 340 (Toadvine) Environmental Philosophy (CRN 16814) [>1]

Sustainable Design & Practice Core:
PPPM 445 (Stephens) Green Cities (CRN 15190)

**AREA 4. Environmental Issues Courses**
ENVS 411 (Lynn) Tribal Climate Change (CRN 12308)
ENVS 411 (Roberts) Edges (CRN 12309)
ENVS 411 (Gooch, Moore) Food Systems (CRN 12310)

**AREA 5. Practical Learning Experience (PLE)**
ENVS 404 (TBA) Internship (CRN 12304)
ENVS 429 (Boulay) Environmental Leadership (CRN 16483)

“Only one ENVS course may count towards general education group requirements if ENVS/ESCI is your 1st major
*GEOG 141 may only be used if Earth & Physical Science is NOT the focal area
**Only one GEOL 30X class may count towards ENVS/ESCI major requirements
***Does not count for major, but is strongly recommended

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