Environmental Science Major
Spring 2015 TIP SHEET

Bracketed codes refer to University Requirements: Arts and Letters = [>1]; Social Science = [>2]; Science = [>3]; Multicultural Codes = {IC}, {IP}, {AC}

AREA 1. Lower Division Environmental Studies Core Requirements
ENVS 203 (LeMenager) Intro to Env Studies: Humanities (CRN 32119) [>1] *

AREA 2. Lower Division Math and Science Requirements

Math Courses
MATH 247 (Hervert) Calculus for the Biological Sci II (CRN 33649)
MATH 251 (multiple instructors) Calculus I (multiple CRNs)
MATH 252 (multiple instructors) Calculus II (multiple CRNs)

Statistics
MATH 425 (Merchant) Statistical Methods I (CRN 33703)
SOC 312 (Lin) Quantitative Methods in Sociology (CRN 35428)+

Analytical Approaches
Make an appointment with Peg Boulay if you are graduating this term and need this requirement.

AREA 3A. Natural Science Requirements

Life Science

Lower division introductory sequences:
BI 212 (Carriar) General Biology II: Organisms (CRN 30922) [>3]
BI 213 (Yospin) General Biology III: Populations (CRN 30934) [>3]
CH 223 (Greenbowe) General Chemistry III (CRN 31193/4) [>3]
CH 229 (Exton) General Chemistry Laboratory III (multiple CRNs)***

Upper division electives:
ENVS 350 (Bothun) Ecology of Energy Generation (CRN 36907)
GEOG 321 (Bartlein) Climatology (CRN 32388) [>3]
GEOG 360 (McDowell) Watershed Sci and Pol (CRN 35908) [>3]
GEOG 427 (McDowell) Fluvial Geomorphology (CRN 32403)
GEOG 430 (Gavin) Long-Term Env Change (CRN 36545)
GEOG 482 (Kohler) GIScience II (CRN 32411)
GEOG 486 (Kohler) Remote Sensing II (CRN 32414)
GEOG 490 (Bone) Top Spatial Modeling (CRN 34215)
GEOG 491 (Bone) Advanced GIS (CRN 32418)
GEOG 304 (Miles) Fossil Record (CRN 35897) [WEB] [>3]**
GEOG 305 (Baxter) Dinosaurs (CRN 32500) [>3]**
GEOG 306 (Tozer) Volcanoes & Earthquakes (CRN 35898) [WEB] [>3]**
GEOG 307 (Toomey) Oceanography (CRN 32502) [>3]**
GEOG 308 (Miles) Oregon & Pacific NW (CRN 35899) [WEB] [>3]**
GEOG 310 (Rusk) Earth Resources and Env (CRN 35900) [WEB] [>3]
GEOG 311 (Watkins) Earth Materials (CRN 36572)
GEOG 334 (Dorsey) Sediment and Stratigraph (CRN 36580)
GEOG 350 (Miller) Structural Geology (CRN 32508) (3 credits)
GEOG 353 (McKay) Geological Hazards (CRN 35901) [WEB] [>3]
GEOG 410 (Karlstrom) Fluid Dynamics (CRN 36586)
GEOG 451 (Jin) Hydrogeology (CRN 32527)
GEOG 472 (Reed) Aqueous Min Gas Equil (CRN 32529)
GEOG 473 (Bindeman) Isotope Geochemistry (CRN 36592)

AREA 3B. Social Science, Policy, Humanities, and Sustainable Design & Practice

Social Science Core:
ENVS 450 (Walker) Political Ecology (CRN 36707)
ENVS 455 (Walker) Sustainability (CRN 36710)

Policy Core:
PPPM 331 (Holtgrieve) Environmental Management (CRN 36764) [WEB]
PPPM 408 (Holtgrieve) Environment Impact Assessment (CRN 36559)
PPPM 443 (Giesen) Natural Resource Policy (CRN 35047)
PS 477 (Mitchell) International Environmental Politics (CRN 35143)

Humanities Core:
ENG 469 (LeMenager) Top Animals in Lit (CRN 36404)
ENG 469 (Vazquez) Top Environmental Justice (CRN 32074)
ENVS 345 (Guernsey) Environmental Ethics (CRN 36697) [>1] *
ENVS 410 (Wald) Top Nature Pop Culture (CRN 36790)
PHIL 340 (Todavine) Environmental Philosophy (CRN 34882) [>1]
Sustainable Design & Practice Core:
ARCH 430 (Muller & Keyes) Architectural Contexts (CRN 30392)
LA 440 (Hulse) Intro to Landscape Plan Analysis (CRN 33398)

AREA 4. Environmental Issues Courses
ENVS 411 (Bacon) Decolonization Environmental Justice (CRN 32138)
ENVS 411 (Crayne) Community Climate Change (CRN 32139)

AREA 5. Practical Learning Experience (PLE)
ENVS 404 (Dreher) Internship (CRN 32133)
ENVS 429 (Lynch, Boulay) Top Environ Leadership (CRN 32140)

*Only one ENVS course may count towards general education group requirements
*GEOG 141 may only be used if Earth and Physical Science is NOT the focal area
** Only one GEOL 30X class may be taken
***Recommended class, does not count for major
+ Note that SOC 312 cannot be used to fulfill Bachelor of Science requirements.

Terms to Know
Res = Research
Sp St = Special Studies
Sp Pr = Special Project
Sem = Seminar
Top = Topic
Wrk = Work

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.