Environmental Science Major
Spring 2016 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 Env Stud: Hum (CRN 32157) [>1] *

AREA 2. Lower Division Math and Science Requirements
Math
MATH 247 (Hervert) Calc for Biol Sci II (CRN 33610)
MATH 251 (multiple instructors) Calculus I (multiple CRNs)
MATH 252 (multiple instructors) Calculus II (multiple CRNs)
Statistics
MATH 425 (Merchant) Statistical Methods I (CRN 33663)
SOC 312 (Southworth) Quantitative Meth Soc (CRN 35415)+
Analytical Approaches
GEOG 481 (Kohler) GIScience I (CRN 36132)

AREA 3A. Natural Science Requirements
Life Sciences
Lower division introductory sequences:
BI 212 (Carrier) General Biol II: Organisms (CRN 30951) [>3]
BI 213 (Hulslander) General Biol III: Populat (CRN 30961) [>3]
CH 223 (Exton, Kellman) General Chemistry (CRN 31228, 36577) [>3]
CH 229 (Exton) Gen Chemistry Laboratory (multiple CRNs)***
Upper division electives:
ANTH 361 (Ulibarri) Human Evolution (CRN 36265) [>3]
ANTH 410 (Liebert) Human Biological Var (CRN 36567) [WEB]
ANTH 467 (Frost) Paleoecol Human Evol (CRN 36278)
BI 330 (Saunders) Microbiology (CRN 30992) / BI 331 (Kelly) Lab (multiple CRNs)
BI 372 (Roy) Field Biology (CRN 36113) [>3]
BI 374 (Schlenoff) Conservation Biology (CRN 31003)
BI 380 (Phillips) Evolution (CRN 31007)
BI 390 (Shanks) Animal Behavior (CRN 31011) [OIMB]
BI 442 (Policha) Systematic Botany (CRN 31083) (5 credits)
BI 451 (Emlet, Watts) Invertebrate Zoology (CRN 31084) [OIMB] (8 credits)
BI 457 (Galloway) Top Marine Conserv Bio (CRN 31086) [OIMB] (5 credits)
BI 471 (Green) Population Ecology (CRN 36102)
CH 336 (Nell) Organic Chemistry III (CRN 31271)

Earth and Physical Sciences
Lower divisions introductory sequences:
GEOG 141 (Lea) Natural Environment (CRN 32393) [WEB] [>3]*
GEOL 203 (Retallack) Evolution of Earth (CRN 32513) [>3]
PHYS 203 (multiple instructors) General Physics (multiple CRNs) [>3]
PHYS 206 (Peterson) Intro Physics Lab (multiple CRNs)***
Upper division electives:
ENVS 477 (Pfeifer-Meister) Soil Science (CRN 36430)
GEOG 321 (Bartlein) Climatology (CRN 32422) [>3]
GEOG 360 (McDowell) Watershed Sci & Pol (CRN 32424) [>3]
GEOG 410 (Bone) Spatial Analysis (CRN 36573)
GEOG 421 (Bartlein) Top 21C Climate Chg (CRN 36888)
GEOG 427 (McDowell) Fluvial Geomorphology (CRN 32437)
GEOG 461 (Kohler) Environment Alteration (CRN 36130)
GEOL 304 (Miles) Fossil Record (CRN 36038) [WEB] [>3]**
GEOL 305 (Baxter) Dinosaurs (CRN 32516) [>3]**
GEOL 306 (Giachetti) Volcanoes & Earthquake (CRN 35970) [>3]**
GEOL 307 (Orr) Oceanography (CRN 32517) [WEB] [>3]**
GEOL 308 (Tozer) Oregon & Pacific NW (CRN 35996) [>3]**
GEOL 311 (Watkins) Earth Materials (CRN 32518) (5 credits)
GEOL 334 (Dorsey) Sediment & Stratigraph (CRN 32522)
GEOL 350 (Weldon) Structural Geology (CRN 32525) (3 credits)
GEOL 353 (McKay) Geological Hazards (CRN 36045) [WEB] [>3]
GEOL 410 (Wallace) Volcanology (CRN 36059) (3 credits)
GEOL 425 (Reed) Geol of Ore Deposits (CRN 35997) (5 credits)
GEOL 451 (Jin) Hydrogeology (CRN 32541)
GEOL 467 (Thomas) Fault Mechanics (CRN 35968)

AREA 3B. Social Science, Policy, Humanities, and Sustainable Design & Practice
Social Science Core:
GEOG 341 (Cohen) Population & Environ (CRN 36339) [>2] {IC}
SOC 416 (Foster) Top Environmental Soc (CRN 36329)
Policy Core:
EC 435 (Cameron) Natural Resource Econ (CRN 36949)
PPPM 331 (Holtgrieve) Environmental Mgmt (CRN 36809) [WEB]
PPPM 408 (Holtgrieve) Wrk Env Impact Assess (CRN 36821) [WEB]
PPPM 443 (Rosenberg) Natural Resource Policy (CRN 35031)
PS 477 (Mitchell) Intl Environ Politics (CRN 35124)

Humanities Core:
ENVS 345 (Toadvine) Environmental Ethics (CRN 32167) [>1] *
ENVS 410 (Morar) Philosophy of Ecology (CRN 32178)
PHIL 399 (Stocker) Sp St Phil of Architec (CRN 36408)

Sustainable Design & Practice Core:
ARCH 430 (Davis) Architectural Contexts (CRN 30423)
ENVS 410 (Meier) Nature in Urban Design (CRN 36429)
LA 440 (Hulse) Intro Landsc Plan Ana (CRN 33355)

AREA 4. Environmental Issues
ENVS 411 (Dockstader) Top Env & Globaliz (CRN 32179)
ENVS 411 (Kolstoe) Top Econ Instruments (CRN 32180)

AREA 5. Practical Learning Experience
ENVS 404 (Jones) Internship (CRN 32174)
ENVS 429 (Lynch, Boulay) Top Environ Leadership (CRN 32181)

*Only one ENVS course may count towards general education group requirements if ESCI is your primary major
*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

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 for that particular term.