Environmental Science Major
Winter 2017 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 (Walker) Intro Env Studies: Soc Sci (CRN 22303) [>2]*

AREA 2. Math and Statistics Requirements
Math Courses
MATH 246 (Hervert) Calc for Biol Sci I (23756/23757)
MATH 247 (Ostrik/Fisher) Calc for Biol Sci II (23758/23759)
MATH 251 (Multiple Instructors) Calculus I (Multiple CRNs)
MATH 252 (Multiple Instructors) Calculus II (Multiple CRNs)
Statistics
GEOG 495 (Bartlein) Geographic Data Analy (CRN 22604)
GEOL 418 (Davis) Earth & Env Data Analy (CRN 22688)
MATH 425 (Ralph) Statistical Methods I (CRN 23812)
SOC 312 (Gullickson) Quantitative Meth Soc (CRN 25596)
Analytical Approaches
ENVS 427 (Boulay) Envi and Ecol Monitoring (CRN 22334)~
LA 413 (Ribe) Analyzing Land Systems (CRN 23508)

AREA 3A. Natural Science Requirements

Life Sciences
Lower division introductory sequences:
BI 211 (Prikryl/Wetherwax) Gen Bio I: Cells (CRNs 21129/21138) [>3]
BI 212 (Carrier) General Biology II: Organisms (CRN 21147) [>3]
CH 221 (Ballock) General Chemistry (CRN 26614) [>3]
CH 222 (Greenbowe) General Chemistry II (CRN 21418) [>3]
CH 228 (Exton/Greenbowe) General Chemistry Lab (Multiple CRNs)***

Upper division electives:
ANTH 330 (Sugiyama) Hunters & Gatherers (CRN 26139) [>2] {IC}
ANTH 362 (Liebert) Human Biol Variation (CRN 26146) [WEB] [>3] {IP}
ANTH 369 (Snodgrass) Human Growth and Devel (CRN 20478) [>3]
ANTH 446 (Lee) Practical Archeobotony (CRN 20499)
BI 309 (Weeks) Tropical Diseases Afr (CRN 21166) {IC}
BI 357 (Sutherland) Marine Biology (CRN 21179) [>3]

BI 380 (Bradshaw) Evolution (CRN 26253)
BI 390 (Schlenoff) Animal Behavior (CRN 21193)
BI 457 (Galloway) Top Marine Conserv (CRN 26951) (8 credits) [OIMB]
BI 472 (Bohannan) Community Ecology (CRN 26262)
BI 476 (Bridgham) Terrest Ecosys Ecol (CRN 26266)
CH 335 (Haley) Organic Chemistry II (CRN 21465)
GEOG 423 (Gavin) Top Global Chng Bioge (CRN 22590)

Earth and Physical Sciences
Lower division introductory sequences:
GEOG 141 (TBA) The Natural Environment (CRN 22548) [>3]*
GEOL 102 (Miller) Envir Geol & Land Dev (CRN 22635/6) [>3]
GEOL 202 (Webb) Surface & Envir Geol (CRN 22658) [>3]
PHYS 202 (Jenkins/Micklavzina) General Physics (Multiple CRNs) [>3]

Upper division electives:
ENVS 477 (Hopple) Soil Science (CRN 26745)
GEOG 322 (Webb) Geomorphology (CRN 22574) [>3]
GEOG 361 (Bartlein) Global Environ Change (CRN 26600) [>3]
GEOG 425 (Fonstad) Hydrology and Water Res (CRN 22591)
GEOG 482 (Kohler) GIScience II (CRN 22594)
GEOG 486 (Kohler) Remote Sensing II (CRN 26864)
GEOL 304 (Baxter) Fossil Record (CRN 22663) [>3]**
GEOL 305 (Baxter) Dinosaurs (CRN 22664) [WEB] [>3]**
GEOL 307 (Sutherland) Oceanography (CRN 22666) [>3]**
GEOL 310 (Rusk) Earth Resource & Enviro (CRN 22667) [WEB] [>3]
GEOL 315 (Hooft Toomey) Earth Physics (CRN 22668)
GEOL 332 (Binderman) Intro Petrology (CRN 22671) [5 credits]
GEOL 353 (Mckay) Geological Hazards (CRN 22675) [WEB] [>3]
GEOL 410 (Blackwell) Colorado Plateau Geology (3 credits) (CRN 22685)
GEOL 410 (Sutherland) Physical Oceanography (CRN 22686)
GEOL 410 (Humphreys/Blackwell) Western US Tectonics (5 Credits) (CRN 26283)
GEOL 455 (Humphreys) Mechanical Earth (CRN 26284)
AREA 3B. Upper-Division Social Science, Policy, Humanities, and Sustainable Design & Practice

Social Science Core:
ENVS 435 (Norgaard) Environmental Justice (CRN 22335)
ENVS 455 (Walker) Sustainability (CRN 22336)
SOC 410 (Norgaard) Salmon and Society (CRN 25612)

Policy Core:
ENVS 335 (Cameron) Allocating Scarce Env Res (CRN 22323) [>2]^*

Humanities Core:
ENVS 410 (Wald) Nature Pop Culture (CRN 26729)

Sustainable Design & Practice Core:
ARCH 410 (Rempel) Passive Heating (CRN 27206)
ARCH 431 (TBA) Community Design (CRN 20586) (3 Credits)
LA 410 (Russel) Sust Des Princ & Pract (CRN 26963)
PPPM 442 (Lang) Sustainable Urban Dev (CRN 25190)

^*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 be taken
***Recommended class, does not count for major
~ Note if you have completed Analytical Approaches Area, this course may count towards a different area. Contact Peg Boulay for details.

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.