

## Environmental Science Major

### Spring 2018 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 203 (Wald) Intro Env Stu: Humanities (CRN 32078) [>1]°

#### AREA 2. Math and Statistics Requirements

##### **Math**

MATH 247 (TBA) Calculus for the Biological Sciences II (CRN 33418)

MATH 251 (Multiple Instructors) Calculus I (Multiple CRNs)

MATH 252 (Multiple Instructors) Calculus II (Multiple CRNs)

##### **Statistics**

SOC 312 (Southworth) Statistical Analy Soc (CRN 35251)

##### **Analytical Approaches**

GEOG 481 (Kohler) GIScience I (CRN 32359)

#### AREA 3A. Natural Science Requirements

##### **LIFE SCIENCES**

##### ***Lower division introductory sequences:***

BI 212 (Carrier) Gen Biol II: Organisms (CRN 30957) [>3]

BI 213 (Wetherwax) Gen Biol III: Populations (CRN 30966) [>3]

CH 222 (Boettcher) General Chemistry II (CRN 31237) [>3]

CH 223 (Kellman/Kovac) General Chemistry III (CRNs 31238/31239) [>3]

CH 228 (Kittredge) Gen Chemistry Lab (multiple CRNs)\*

CH 229 (Exton/Greenbowe) Gen Chemistry Lab (multiple CRNs)\*

##### ***Upper division electives:***

ANTH 362 (Anderson) Human Biol Variation (CRN 36949) [>3] [>IP] [WEB]

ANTH 467 (Frost) Paleoecol Human Evol (CRN 35918)

BI 307 (Dickman) Forest Biology (CRN 30983) >3

BI 330/331 (TBA) Microbiology and Lab (CRN 30994)

BI 374 (Schlenoff) Conservation Biology (CRN 31007)

BI 451 (Emlett/Watts) Invertebrate Zoology (CRN 31090) [OIMB] [8 credits]

BI 474 (Galloway) Marine Ecology (CRN 36199/36669) [OIMB] [5 credits]

CH 336 (Swisher) Organic Chemistry III (CRN 31278)

#### **EARTH AND PHYSICAL SCIENCES**

##### ***Lower division introductory sequences:***

GEOG 141 (Lea) Natural Environment (CRN 32322) [>3] [WEB]\*\*

GEOLOG 103 (Davis) Evolving Earth (CRNs 32402/32403) [>3]

GEOLOG 202 (Blackwell) Earth Surface & Envir Geol (CRN 35926) [>3]

GEOLOG 203 (Retallack) Evolution of the Earth (CRN 32423) [>3]

PHYS 203 (Jenkins) General Physics III (CRN 34759/34760) [>3]

PHYS 206 (Scannell) Intro Physics Lab (multiple CRNs)\*

##### ***Upper division electives:***

GEOG 321 (Bartlein) Climatology (CRN 32334) [>3]

GEOG 360 (McDowell) Watershed Science & Policy (CRN 36233) [>3]

GEOG 427 (McDowell) Fluvial Geomorphology (CRN 32355)

GEOG 491 (Kohler) Advanced GIS (CRN 32364)

GEOLOG 305 (Baxter) Dinosaurs (CRN 35907) [>3]\*\*\*

GEOLOG 306 (Melgar Moctezuma) Volcanoes & Earthquakes (CRN 35908) [>3]\*\*\*

GEOLOG 307 (Sutherland) Oceanography (CRN 35909) [>3]\*\*\*

GEOLOG 310 (Rusk) Earth Resources & Environment (CRN 32431) [>3]

GEOLOG 311 (Watkins) Earth Materials (CRN 32432)

GEOLOG 315 (Karlstrom) Earth Physics (CRN 36008)

GEOLOG 334 (Darin) Sedimentology and Stratigraphy (CRN 32436)

GEOLOG 350 (Weldon) Structural Geology (CRN 32439) [3 credits]

GEOLOG 353 (Bindeman/Mckay) Geol Hazards (CRNs 32442/36006) [UO/WEB] [>3]

GEOLOG 433 (Retallack) Paleobotany (CRN 36211)

GEOLOG 438 (Jin) Geobiology (CRN 32456)

GEOLOG 451 (Jin) Hydrogeology (CRN 32457)

GEOLOG 467 (Thomas) Fault Mechanics (CRN 36301)

**AREA 3B. Upper-Division Social Science, Policy, Humanities, and Sustainable Design & Practice**

**Social Science Core:**

ENVS 450 (Walker) Political Ecology (CRN 36412)

SOC 416 (Foster) Iss Envir Soc: Topic (CRN 35267)

**Policy Core:**

PPPM 408 (Holtgrieve) Environmental Impact Assessment (CRN 34875) [WEB]

PPPM 443 (Rosenberg) Natural Resource Pol (CRN 36849)

PS 367 (Mitchell) Science and Politics of Climate Change (CRN 36037) >2

**Humanities Core:**

ENVS 410 (Wald) Diversity Int Pub Land (CRN 36364)

**Sustainable Design & Practice Core:**

ARCH 430 (Davis) Architectural Contexts (CRN 30424)

ARCH 435 (Gast) Princ Urban Design (CRN 36847)

ENVS 410 (Russel) Water, Public Heath, Env. (CRN 32098)

ENVS 467 (Martin) Sustain Agriculture (CRN 36422)

LA 440 (Hulse) Intro to Landscape Planning Analysis (CRN 33193)

**AREA 4. Environmental Issues Courses:**

ENVS 411 (Fink) Top Water: Life & Death (CRN 32099)

ENVS 411 (Bacon) Top Decoloniz Env Just (CRN 32100)

**AREA 5. Practical Learning Experience**

ENVS 404 (tba) Intern Env Studies (CRN 32093)

ENVS 429 (Boulay/Lynch) Top Environmental Leadership (CRN 32101/32107)

**°Only one ENVS course may count towards general education group requirements if ENVS/ESCI is your 1<sup>st</sup> major.**

**\*Recommended course only, does not count towards major.**

**\*\*GEOG 141 may only be used if Earth & Physical Sciences is your non-focal area.**

**\*\*\*Only one GEOL 30X class may count towards ENVS/ESCI major requirements**

**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**

