Environmental Science Major
SPRING 2020 TIP SHEET

Bracketed codes refer to University Requirements: Arts and Letters = [>1]; Social Science = [>2]; Science = [>3];
Multicultural Codes for students enrolled prior to Fall 2019 = [IC], [IP], [AC]
Cultural Literacy Codes starting Fall 2019: Global Perspectives = {GP}; Difference, Inequality, Agency {US}

AREA 1. Environmental Studies Core Requirements
ENVS 201 (Walker) Intro Env Studies: Soc Sci (CRN 32198) [>2]*
ENVS 203 (Wald) Intro Env Stu: Hum (CRN 32211) [>1]*

AREA 2. Math and Statistics Requirements
Math
MATH 247 (tba) Calc for Biol Sci II (CRN 33579)
MATH 251 (Multiple Instructors) Calculus I (multiple CRNs)
MATH 252 (Multiple Instructors) Calculus II (multiple CRNs)

Statistics
MATH 425 (tba) Statistical Methods I (CRN 33637)
GEOG 495 (Bartlein) Geographic Data Analy (CRN 36452)

Analytical Approaches
ENVS 410 (Bothun) Quant Reas Env Matters (CRN 36676)

AREA 3A. Natural Science Requirements

Life Sciences
Lower division introductory sequences:
BI 212 (Carrier) Gen Biol II: Organisms (CRN 31037) [>3]
BI 213 (Wetherwax) Gen Biol III: Populat (CRN 31047)
CH 222 (Boettcher) General Chemistry II (CRN 31335) [>3]
CH 223 (Lonergran/Kellman) General Chemistry III (CRN 31336/31337) [>3]

Upper division electives:
ANTH 361 (Blumenthal) Human Evolution (CRN 30306) [>3]
ANTH 362 (DuBois) Human Biol Variation (CRN 36699) [>3] {GP} {WEB}
ANTH 463 (Ulibarri) Primate Behavior (CRN 36261) {WEB}
BI 330 (Singh) Microbiology (CRN 31078) [3 credits]
BI 331 (Kelly) Microbiology Lab (multiple CRNs) [3 credits]
BI 374 (Schlenoff) Conservation Biology (CRN 31087)
BI 390 (Shanks) Animal Behavior (CRN 31091) [OIMB]
BI 399 (McGuire) Sp St Tropical Ecology (CRN 31092)
BI 410 (Wood) Tropical Marine Biology (CRN 36790)

BI 410 (McGuire) Microbial Ecology (CRN 36147)
BI 442 (Policha) Systemic Botany (CRN 31180)
BI 451 (Emlet/Watts) Invertebrate Zoology (8 credits) (CRN 31181) [OIMB]
BI 474 (Galloway) Marine Ecology (CRN 31184) [OIMB]
CH 336 (Doxsee) Organic Chemistry III (CRN 31382)
LA 410 (Johnson) Climate Adapt Design (CRN 33296)

Earth and Physical Sciences
Lower division introductory sequences:
GEOG 141 (Herring) Natural Environment (CRN 32435) [>3] *
GEOG 103 (tba) Exploring Earth History (CRN 32522/32523) [>3]
GEOG 202 (Chaussard) Earth Surface/Environ (CRN 32544) [>3]
GEOG 203 (Retallack) Evolution of the Earth (CRN 32547) [>3]

Upper division electives:
GEOG 311 (Blackwell) Earth Materials (5 credits) (CRN 32553)
GEOG 316 (Jin) Intro Hydrogeology (CRN 32556)
GEOG 334 (Dorsey) Sediment & Stratigraph (CRN 32560)
GEOG 350 (Miller) Structural Geology (3 credits) (CRN 32563) %
GEOG 351 (Miller) Structural Geol Prob (1 credit) (CRN 32564) %
GEOG 352 (Miller) Struc Geol Lab & Field (multiple CRNs) %
GEOG 353 (Bindeman/McKay) Geologic Hazards (CRN 32567) [>3]
GEOG 410 (Watkins) Geochem Modeling (CRN 36622)
GEOG 410 (Townsend) Mapping the Earth (CRN 36669)
GEOG 433 (Retallack) Paleobotany (CRN 36550)
GEOG 454 (Karlstrom) Fluid Dynamics (CRN 36555)
**AREA 3B. Upper-Division Social Science, Policy, Humanities, and Sustainable Design & Practice**

**Social Science Core:**
ENVS 455 (Walker) Sustainability (CRN 32240)
SOC 416 (Foster) Iss Envir Soc: Topic (CRN 36159)

**Policy Core:**
PPPM 443 (Ribe) Natural Resource Pol (CRN 36886)

**Humanities Core:**
ARH 410 (Scott) Land & Enviro Art (CRN 30672)
ENVS 410 (Muraca) Justice, Cap & Anthro (CRN 32228)
ENVS 410 (Sayre) Species and Extinction (CRN 32229)

**Sustainable Design & Practice Core:**
ARCH 430 (Keyes) Architectural Contexts (CRN 30481)
ENVS 467 (Martin) Sustain Agriculture (CRN 36734)
LA 440 (Ko) Intro Lands Plan Ana (CRN 33302)

**AREA 4. Environmental Issues Courses**
ENVS 411 (Otjen) Multispecies St & Anth (CRN 32230)
ENVS 411 (Johnson) Indig, Land-use & Bio (CRN 36682)

**AREA 5. Practical Learning Experience (PLE)**
ENVS 404 (Hinde) Internship (CRN 32223)
ENVS 429 (Lynch/Boulay) Top Environ Leadership (CRN 32231/32237)

**KEY**
*Only one ENVS course may count towards general education group requirements if ENVS is your primary 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**
+ Must be enrolled in the Environmental Leadership Program
% GEOL 351 and GEOL 352 are corequisites with GEOL 350
OIMB= Oregon Institute of Marine Biology

**PLEASE NOTE:**
- 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.
- Some courses may be restricted to certain majors for the first few days of registration. You can look up individual CRN information in the class schedule to learn about pre-requisites, registration restrictions and other important information.