Environmental Science Major  
Fall 2013 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 (Martin) Intro Env Studies: Soc Sci (CRN 13088) [>2]°  
ENVS 203 (Schreiner) Intro to Env Studies: Humanities (CRN 13101) [>1]°

AREA 2. Math and Statistics Requirements  
Math  
MATH 246 (multiple instructors) Calculus for the Biological Sciences I (multiple CRNs)  
MATH 251 (multiple instructors) Calculus I (multiple CRNs)  
MATH 252 (multiple instructors) Calculus II (multiple CRNs)

Statistics  
MATH 425 (Merchant) Statistical Methods I (CRN 14674)  
SOC 312 (Gullickson) Quantitative Methods in Sociology (CRN 16349)

Analytical Approaches  
GEOG 482 (Kohler) GIScience II (CRN 13480)  
LA 413 (Thoren) Analyzing Land Systems (CRN 14351)

AREA 3A. Natural Science Requirements  
Life Sciences  
Lower division introductory sequences:  
BI 211 (Postlethwait) General Biology I: Cells (CRN 11866/11875) [>3]  
BI 213 (Wetherwax) General Biology III: Populations (CRN 11884) [>3]  
CH 111 (Lonergan) Intro to Chem Principles (CRN 12139) [>3]  
CH 221 (multiple instructors) General Chemistry I (multiple CRNs) [>3]  
CH 227 (Exton) General Chemistry Lab (CRN 12150)

Upper division electives:  
ANTH 375 (tba) Primates in Ecological Communities (CRN 17403) [>3]  
ANTH 472 (tba) Primate Conservation Biology (CRN 17457)  
BI 307 (Dickman) Forest Biology (CRN 17095) [>3]  
BI 370 (Pfeifer-Meister) Ecology (CRN 17097)  
BI 374 (Schlenoff) Conservation Biology (CRN 11923)  
BI 454 (Emlet) Estuarine Biology (CRN 11996) [OIMB]  
BI 457 (Hodder/Burgess) Top Marine Biology Environmental Issues (CRN 11997) [OIMB]  
BI 458 (Shanks-Jarvis) Biological Oceanography (CRN 11999) [OIMB]  
CH 331 (Williams) Organic Chemistry I (CRN 12209)  
GEOG 323 (Gavin) Biogeography (CRN 13455) [>3]  
GEOG 433 (Gavin) Fire and Natural Disturbance (CRN 17416)  
LA 441 (Johnson) Principles of Applied Ecology (CRN 14355)

Earth and Physical Sciences  
Lower division introductory sequences:  
GEOG 141 (Kohler) The Natural Environment (CRN 13408) [>3]*  
GEOG 201 (Toomey) Earth’s Interior Heat and Dynamics (CRN 13536) [>3]  
PHYS 201 (Taylor/Jenkins) General Physics I (multiple CRNs) [>3]  
PHYS 204 (Peterson) Intro Physics Laboratory I (multiple CRNs)

Upper division electives:  
ENVS 350 (Bothun) Ecology of Energy Generation (CRN 17371)  
GEOG 425 (Fonstad) Hydrology and Water Resources (CRN 17413)  
GEOG 481 (Lobben) GIScience I (CRN 13476)  
GEOL 305 (Baxter) Dinosaurs (CRN 13545) [>3]**  
GEOL 306 (Bindeman) Volcanoes and Earthquakes (CRN 13546) [>3]**  
GEOL 307 (Sutherland) Oceanography (CRN 13547) [>3]**  
GEOL 308 (Tozer) Oregon & Pacific NW (CRN 13548) [>3]**  
GEOL 311 (Blackwell) Earth Materials (CRN 13549)  
GEOL 334 (Dorsey) Sedimentology and Stratigraphy (CRN 13553)  
GEOL 425 (Reed) Geology of Ore Deposits (CRN 13567)

AREA 3B. Upper-Division Social Science, Policy, Humanities, and Sustainable Design & Practice  
Social Science Core:  
ENVS 455 (Walker) Sustainability (CRN 17453)  
GEOG 431 (Cohen) Population and Environment (CRN 13460) [>2] [IC]  
SOC 304 (Norgaard) Community, Environment, Society (CRN 17185) [>2]  
SOC 416 (Norgaard) Sociology of Climate Change (CRN 16367)

Policy Core:  
PPPM 331 (Holtgrieve) Environmental Management (CRN 15913)  
PPPM 408 (Holtgrieve) Environmental Impact Assessment (CRN 15921) [WEB]  
PS 399 (Mitchell) Science and Politics of Climate Change (CRN 16021)

Humanities Core:  
ENVS 345 (tba) Environmental Ethics (CRN 13111) [>1]°  
HIST 473 (Weisiger) American Environmental History (CRN 17735)

Sustainable Design & Practice Core:  
ARCH 435 (Gast) Principles of Urban Design (CRN 11288) (PDX)  
PPPM 445 (tba/Stephens) Green Cities (CRN 15933)

AREA 4. Environmental Issues Courses  
ENVS 411 (Lynn) Top Tribal Climate Change (CRN 13122)  
ENVS 411 (Lynch/Boulay) Top Understanding Place (CRN 13124)  
ENVS 411 (Havlik/Nebert) Top Food Systems (CRN 13125)

AREA 5. Practical Learning Experience (PLE)  
ENVS 404 (Boulay) Internship (CRN 13118)

*Only one ENVS course may count towards general education group requirements  
*GEOG 141 may only be used if Earth & Physical Science is NOT the focal area  
**Only one GEOL 30X class may be taken

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