Environmental Science Major
Summer 2014 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 (Meier/Hall) Intro to Env Studies: Social Science (CRN 46398) [>2]
ENVS 203 (McHolm) Intro to Env Studies: Humanities (CRN 46400) [>1]°

AREA 2. Math and Statistics Requirements
Math MATH 251 (VanDevanter or Cornelis) Calculus I (46947 or 46948) [>3]
MATH 252 (Steinberg and Weisblat) Calculus II (46949 or 46950) [>3]
Statistics SOC 312 (Gullickson) Quantitative Methods in Sociology (CRN 47486)

Analytical Approaches GEOG 481 (TBA) GIScience I (CRN 46513)
PAMM 434 (Callister) Urban GIS (CRN 47353)

AREA 3A. Natural Science Requirements
Life Sciences
Lower division introductory sequences:
BI 211 (Hulslander) General Biology I: Cells (CRN 45918 + Lab) [>3]
BI 212 (Wilson) General Biology II: Organisms (CRN 45923 + Lab) [>3]
BI 213 (Policha) General Biology III: Populations (CRN 45928 + Lab) [>3]
CH 111 (Willemsen) Intro to Chemical Principles (CRN 46064) [>3]
CH 221 (Chimploy) General Chemistry I (CRN 46065) [>3]
CH 222 (Chimploy) General Chemistry II (CRN 46066) [>3]
CH 223 (Chimploy) General Chemistry III (CRN 46067) [>3]
CH 227 (Fox) Gen Chem Lab I (CRN 46068 + Lab) [>3]
CH 228 (Fox) Gen Chem Lab II (CRN 46073 + Lab) [>3]
CH 229 (Slabin) Gen Chem Lab III (CRN 46078 + Lab) [>3]
Upper division electives:
BI 448 (Holmes) Field Botany (CRN 45962)
BI 451 (Baker) Invertebrate Zoology (CRN 45963) [OIMB]
BI 452 (Scherr) Insect Biology (CRN 45964)
BI 455 (Warrick) Marine Birds and Mammals (CRN 45965) [OIMB]
BI 457 (Parkyn) Topic: Biology of Fishes (CRN 45966) [OIMB]
BI 468 (Titus) Amphibians and Reptiles of Oregon (CRN 45968)
BI 474 (TBA) Marine Ecology (CRN 45969) [OIMB]
CH 331 (Young) Organic Chemistry I (CRN 46083) [>3]
CH 335 (Slabin) Organic Chemistry II (CRN 46084) [>3]
CH 336 (Spessard) Organic Chemistry III (CRN 46085) [>3]
GEOG 323 (Herring) Biogeography (CRN 46502) [>3]
Earth and Physical Sciences
Lower division introductory sequences:
GEOG 141 (Goswami) The Natural Environment (CRN 46496) [>3]
PHYS 201 (Griffith) General Physics I (CRN 47311 + Tutorial) [>3]
PHYS 202 (Peck) General Physics II (CRN 47314 + Tutorial) [>3]
PHYS 203 (Micklavzina) General Physics III (CRN 47317 + Tutorial) [>3]
PHYS 204 (Peterson) Intro Physics Lab I (multiple CRNs)**
PHYS 205 (Benegas) Intro Physics Lab II (multiple CRNs)**
PHYS 206 (TBA) Intro Physics Lab III (multiple CRNs)**
Upper division electives:
GEOG 322 (Lind) Geomorphology (CRN 46501) [>3]
GEOL 304 (Miles) Fossil Record (CRN 48055) [WEB] [>3]**
GEOL 306 (Tozer) Volcanoes & Earthquakes (CRN 48056) [WEB] [>3]**
GEOL 307 (Baxter) Oceanography (CRN 46531) [>3]**
GEOL 308 (Blackwell) Oregon and Pacific NW (CRN 46532) [>3]**

AREA 3B. Upper-Div Soc. Sci., Policy, Hum., and Sust. Design & Practice
Social Science Core:
ENVS 435 (Bacon) Environmental Justice (CRN 46409)
ENVS 455 (Walker) Sustainability (CRN 46410)
GEOG 341 (Jennings) Population and Environment (CRN 46503) [>2] {IC}
SOC 410 (Norgaard) Environmental Movements (CRN 47693)
Policy Core:
PAMM 331 (Holtgrieve) Environmental Management (CRN 47343)
PAMM 443 (Giesen) Natural Resource Policy (CRN 47354)
PS 399 (Mitchell) Sp St Pol Climate Change (CRN 47383) [PDX]
Humansities Core:
ENVS 345 (Guernsey) Environmental Ethics (CRN 46401) [>1]
HIST 473 (Leone) US Environmental History to 1890 (CRN 47680)
PHIL 340 (Pack) Environmental Philosophy (CRN 47709) [>1]
Sustainable Design & Practice Core:
PAMM 445 (Stephens) Green Cities (CRN 47946)

AREA 4. Environmental Issues Courses
ENVS 411 (Cridger) Law and Environment (CRN 46408)

AREA 5. Practical Learning Experience (PLE)
ENVS 404 (Boulay) Internship (CRN 46405)

*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 GEOG 30X class may count towards ENVS/ESCI major requirements
***Labs are not required, but are strongly recommended

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.