Environmental Science Major
Summer 2012 TIP SHEET

{IC}, {IP}, {AC} =Multicultural Codes

AREA 1. Environmental Studies Core Requirements
ENVS 201 (Bacon) Intro to Env Studies: Social Science (CRN 40710)[>2]
ENVS 203 (Hall) Intro to Env Studies: Humanities (CRN 40711)[>1]

AREA 2. Math and Statistics Requirements
Math
MATH 251 (Shum/Xu) Calculus I (CRNs 41187/41188)[ >3]
MATH 252 (Bell/Foster) Calculus II (CRNs 41189/41190)[>3]

Statistics
BI 399 (Bingham) Experimental Design/Statistics (CRN 40276){OIMB]
SOC 312 (Southworth) Quantitative Methods in Soc (CRN 41693)

Analytical Approaches
GEOG 416 (tba) Intro to GIS (CRN 40817)
PPPM 434 (Callister) Urban GIS (CRN 41553)

AREA 3A. Natural Science Requirements
Life Sciences
Lower division introductory sequences:
BI 211 (Hulslander) General Bio I: Cells (CRN 40263)[>3]
BI 212 (Prikryl) General Bio II: Organisms (CRN 40267)[>3]
CH 111 (Willemsen) Intro to Chemical Principles (CRN 40399)[ >3]
CH 221 (Slabin) General Chemistry I (CRN 40400)[>3]
CH 222 (Slabin) General Chemistry II (CRN 40401)[>3]
CH 223 (Slabin) General Chemistry III (CRN 40402)[>3]
CH 227 (Fox) General Chemistry Lab I (CRN 40403)
CH 228 (Fox) General Chemistry Lab II (CRN 40407)
CH 229 (tba) General Chemistry Lab III (CRN 40411)

Upper division electives:
BI 412 (Schultz) Top Coastal Biology (CRN 40298){OIMB]
BI 448 (Holmes) Field Botany (CRN 40299)
BI 451 (Baker) Invertebrate Zoology (CRN 40300){OIMB]  
BI 452 (Scherr) Insect Biology (CRN 40301)
BI 455 (Hodder/Warrick) Marine Birds & Mammals (CRN 41960){OIMB] 
BI 457 (tba) Biology of Fishes (CRN 40303){OIMB] 
BI 459 (Gleason) Field Ornithology (CRN 41955)
BI 468 (Titus) Amphibians & Reptiles of Oregon (CRN 40304)
BI 474 (Trowbridge) Marine Ecology (CRN 41961){OIMB]
CH 331 (Harris) Organic Chemistry I (CRN 40415)
CH 335 (Harris) Organic Chemistry II (CRN 40416)

Earth and Physical Sciences
Lower division introductory sequences:
GEOG 141 (tba) Natural Environment (CRN 40799)[>3]*
PHYS 201 (Griffith) General Physics I (CRN 41518)[>3]
PHYS 202 (Micklavzina) General Physics II (CRN 41519)[ >3]
PHYS 203 (Frey) General Physics III (CRN 41520)[>3]
PHYS 204 (Peck) Intro Physics Lab I (multiple CRNs)
PHYS 205 (Benegas/Scannell) Intro Physics Lab II (multiple CRNs)
PHYS 206 (Planinsic) Intro Physics Lab III (multiple CRNs)

Upper division electives:
GEOG 322 (tba) Geomorphology (CRN 40807)[>3]
GEOL 304 (Miles) Fossil Record (CRN 42262)[>3]{web]**
GEOL 305 (Orcutt) Dinosaurs (CRN 42264)[>3]{web]}**
GEOL 306 (Tozer) Volcanoes & Earthquakes (CRN 42265)[ >3]{web]**
GEOL 307 (Baxter) Oceanography (CRN 40839)[>3]**
GEOL 308 (Blackwell) Oregon & Pacific NW (CRN 40840)[>3]**
GEOL 308 (Miles) Oregon & Pacific NW (CRN 42263)[>3]{web]}**
GEOL 310 (Rusk) Earth Resources & Environment (CRN 42266)[>3]{web]

AREA 3B. Upper-Division Social Science, Policy, Humanities, and Design
Social Science
ENVS 455 (Walker) Sustainability (CRN 40721)
GEOG 341 (tba) Population & Environment (CRN 40808){IC}[>2]
SOC 304 (Clement) Community, Env, & Society (CRN 41689)[>2]

Policy
PPPM 331 (Holtgrieve) Environmental Mgmt (CRN 41541)

Humanities
ENVS 345 (Christion Myers) Environmental Ethics (CRN 40209)[>1]
PHIL 340 (Reynolds) Environmental Philosophy (CRN 42123)[>1]

AREA 4, Environmental Issues
ENVS 411 (Martin) Sustainable Agriculture (CRN 40718)

AREA 5, Practical Learning Experience (PLE)
ENVS 404 (Boulay) Internship (CRN 40715)

*GEOG 141 may only be used if Earth & Physical Sci 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.