

SUSTAINABILITY MAJOR – B.S. (with concentration in Environmental Conservation)

<p>Geography-Earth Science (42+ Cr)</p> <p>Sustainability Core (6 Cr) ESS 108 Intro Env Sustain <i>or</i> BIO 145 Env Bio GEO 427 Environmental Sustainability</p> <p>Concentration Core (9 Cr) GEO 202 GIS I: Intro to GIS GEO 329 Economic Geography GEO 391 Geography Seminar</p> <p>Sustainability Systems (9 Cr) GEO 203 Climate, Energy, & Sustainability ESS 214 Geology of Nat Parks (ESS 110 or 210) GEO 301 Intro to Biogeography ESS 404 Applied Human-Climate Interactions ESS 413 Rock and Min Res (ESS 110 or 210) ESS 442 Env Geology (ESS 110 or 210) ESS 451 Coastal Env Oceanography GEO 406 Sustainable Food Systems GEO 444 Environmental Land Use Planning GEO 446 Water Resources Management GEO 450 Geography-Geology Field Study*, **</p> <p>Human Sustainability Electives (6 Cr) GEO 140 Cultural Geography GEO 244 Land Use GEO 310 Transportation Geography GEO 322 Urban Geography</p> <p>Techniques Course Electives (9 Cr) GEO 339 Remote Sensing GEO 352 Cartography GEO 363 GIS II: Intermediate GIS GEO 420 GIS III: Advanced GIS GEO 425 Image Processing GEO 440 Field Techniques GEO 441 Quantitative Methods** GEO 450 Geography-Geology Field Study *, ** GEO 463 Applied Geophysical Imaging</p> <p>Internship (3+ Cr) GEO 360 Internship (2.0 GPA, Junior status)</p> <p>*Only 3cr for category, 6cr total for major. ** Strongly recommended course.</p> <p>Note: Prerequisites are in parentheses.</p>	<p>Allied Sciences (18+Cr) ** = Recommended</p> <p>Biology (3 Cr) BIO 205 Marine Biology (BIO 162) BIO 210 Field Zoology (BIO 162) BIO 208 Field Biology (BIO 162) BIO 230 Botany (BIO 161, 162) BIO 242 Ecology** (BIO 162) BIO 245 Marine Ecology (BIO 162) BIO 442 Aquatic Ecology (BIO162) BIO 444 Conservation Biology (BIO 242)</p> <p>Psychology and Sociology (6 Cr) PSY 350 The Psychology of Sustainability** (PSY 101) SOC 265 Global Society (SOC 101) SOC 346 City and Community (SOC 101) SOC 354 Social Move and Social Change (SOC 101) SOC 363 Population Problems (SOC 101) SOC 440 Leader in Global Society (SOC 101)</p> <p>Economics and Business (3 Cr) ECO 345 The Eco of Growth & Develop (ECO 102) ECO 355 Environmental Economics** (ECO 102)</p> <p>MGT 447 Business and Society MIS 142 Business Computer Systems MIS 242 Design and Dev of User Info Sys (MIS 142) SCM 420 Global Logistics Systems (SCM 330 rec.)</p> <p>English, History, and Communication (6 Cr) ENG 238 Technical Writing ENG 359 Native American Literature ENG 438 Technical Prof Writing II (ENG 238) HCS 345 Environmental Communication** HIS 358 American Environmental History**</p> <div style="border: 1px solid black; padding: 5px;"> <p>Options Matrix</p> <p>Option 1: (Cat D) PSY101 (Cat T) ECO102 (Cat R) Other Option 2: (Cat D) Other (Cat T) ECO102 (Cat R) SOC101 Option 3: (Cat D) PSY101 (Cat T) ECO102 (Cat R) SOC101 Option 4: (Cat D) PSY101 (Cat T) Other (Cat R) ECO113</p> </div>	<p>General Education Requirements (45 CR) Courses filled-in below are DIRECTED general education classes that MUST be taken for the major. All other general education courses can be chosen from the list on the back of this page.</p> <table border="1"> <thead> <tr> <th>Foundations^a (15 cr total)</th> <th>Cr</th> <th>Course(s)</th> </tr> </thead> <tbody> <tr><td>U</td><td>3</td><td></td></tr> <tr><td>W</td><td>3</td><td></td></tr> <tr><td>O</td><td>3</td><td></td></tr> <tr><td>H</td><td>3</td><td></td></tr> <tr><td>Q</td><td>3</td><td>MAT 117</td></tr> <tr><td colspan="3">^a One course in each area is required.</td></tr> <tr> <th>Interconnections (9 cr total)</th> <th>Cr</th> <th>Course(s)</th> </tr> <tr><td>D^b</td><td>3+</td><td>PSY101</td></tr> <tr><td>G</td><td>3+</td><td></td></tr> <tr><td>F</td><td>e</td><td></td></tr> <tr><td colspan="3">^b PSY101 (or SOC101 in Cat R). 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