

ENVIRONMENTAL STUDIES POLICY TRACK W/GIS CERTIFICATE UWF EMERALD COAST	
<p>Prerequisites (To be completed before graduation) <i>GLY 2010/L Phys. Geology (GLY x010C) OR (GEO 1200/L Phys. Geography as sub)</i></p> <p><i>BOT 2010/L General Botany (BOT x010/L)</i></p> <p><i>BSC 1005/L General Biology (BSC x010/L or x200/L)</i></p> <p><i>CHM 2045/L General Chem I (CHM x032/L, x045/L)</i></p> <p><i>CHM 2210/L Organic Chemistry (CHM x210/L) OR CHM 2046/L General Chem II x046/L)</i></p> <p><i>MAC 1140 Precalc. Algebra (MAC x140)</i></p> <p><i>STA 2023 Elem. Of Statistics (STA x023)</i></p>	
<p>Techniques GIS 3015 Cartographic Skills (4) GIS 4035 Photo Interp./Remote Sens. (4) GIS 4043 GIS (4) GIS 4xxx GIS Programming (3) GIS 4048 Special Topics GIS (3) GIS 4944 GIS Internship (3) OR GEO 4905 Directed Study GIS 4930 Applications in GIS (3)</p> <p><i>Choose 1:</i> <u>EVR 4823 Env. Impact Assessment (3)</u> EVR 4037 Environmental Auditing (3)</p> <p><i>Choose 1:</i> STA 4173 Biostatistics (3) GEO 4164 Geostatistics (3)</p>	30
<p>Junior-level content course <u>GEO 3372 Conservation of Nat. Res. (3)</u></p>	3
<p>Blue: GIS Certificate Green: Offered at EC Pink: Online/DLL Orange: Online or at Pensacola Purple: Online or at EC Black: Pensacola Campus Black: Pensacola or community college</p>	
<p>Physical Courses <i>Choose 1:</i> EVR 4023 Coastal/Marine Env. (3) GEO 4221/L Coastal Morphology (4)</p> <p><i>Choose 1:</i> <u>GEO 4316 Landscape Biogeography (3)</u> BSC 4303 Biogeography (3) PCB 4043/L Ecology (4)</p> <p><i>Choose 2:</i> GEO 3250 Weather & Climate (4) GEO 3210 Geomorphology (4) GEO 4280 Hydrology (4) GEO 3260/L Soils (4)</p>	14, 15, or 16
<p>Policy/Practicum Courses <u>GEO 4333 Seminar in EVR Issues (3)</u> EVR 4035 Environmental Law (3)</p> <p><i>Choose 1:</i> <u>EVR 4412 Env. Aspects Urban Gr (3)</u> <u>EVR 4870 Land-Use Mgmt (3)</u> PHI 3640 Environmental Ethics (3)</p>	9
<p>Capstone Course <u>GEO 4332 Senior Seminar (1)</u></p>	1
<p>Writing Course <i>Choose 1:</i> <u>EVR 3894 Environmental Writing (3)</u> ENC 3240 Technical Writing (3)</p>	3
TOTAL UPPER-DIVISION	
60, 61, or 62	
<p>Course offering locations are tentative.</p> <p>For More information Contact:</p> <p>John Waldron, PhD Environmental Studies Coordinator, UWF-Emerald Coast 850-833-3228 jwaldron@uwf.edu</p>	

Sample Program of Study
UWF – Emerald Coast, Department of Environmental Studies, Environmental Policy Track with GIS Certificate

Junior Year

Fall Semester	
GEO3372 Conservation of Natural Resources.....	3
GEO4333 Seminar in Environmental Issues.....	3
EVR4870 Land Use Management	3
GEO4280 Hydrology.....	4
Total Hours	13

Spring Semester	
GEO3250/L Weather & Climate w/Lab	4
EVR3894 Environmental Writing	3
GEO4316 Landscape Biogeography.....	3
EVR4823 Environmental Impact Assessment	3
Total Hours	13

Summer Semester	
STA4173 Biostatistics	3
GEO4332 Senior Seminar	1
Total Hours	4

Senior Year

Fall Semester	
*GIS4043 Intro to GIS.....	4
*GIS3015 Cartographic Skills	4
EVR4023 Coastal/Marine Environments.....	3
Total Hours	11

Spring Semester	
*GIS4930 Applications in GIS	3
*GIS4035 Remote Sensing/Photo Interp	4
EVR4035 Environmental Law.....	3
Total Hours	10

Summer Semester	
*GIS4048 Special Topics in GIS	3
*GIS4944 GIS Intern or GEO 4905 Directed Study	3
*GIS4xxx GIS Programming.....	3
Total Hours	9

NOTE: This sample program of study assumes that all lower-level common prerequisites have been completed in the first two years of college. If not, you may need to modify the schedule to account for the additional courses and/or prerequisites to upper-level courses.

*GIS Certificate Course must be taken in sequence during the semesters listed. The online GIS Certification requires a separate application (to be submitted at the end of the 1st semester) and a \$300 laptop rental fee.