

Name: _____ ID #: _____ Date: _____

Advisor: _____ Expected Date of Graduation: _____

PROGRAM OF STUDY
NATURAL SCIENCE SPECIALIZATION
59-60 total upper-level credits

General Studies

Environmental Studies majors should take ANT2000 or PSY2012 to satisfy the social science/behavioral perspectives component and GEA2000, ECO2013, INR2002, or POS2041 to satisfy the social science/socio-political perspectives of General Studies.

Common Prerequisites (27 credits)

Course #	Course Name	Cr	Prerequisites	Semester(s) Offered	Semester Taken/Scheduled	Substitute
BOT2010/L	General Botany/Lab	4	none	Spring		
CHM2045/L	General Chemistry 1/Lab	4	MAC1105 or MAC1140 or MAC2311	All		
CHM2046/L	General Chemistry 2/Lab	4	CHM2045/L	All		
GLY2010/L	Physical Geology/Lab	4	none	Fall, Spring		
MAC2311	Analytical Geometry & Calculus I	4	MAC1114 and MAC1140	All		
PHY2048/L	University Physics/Lab	4	MAC2311	All		
STA2023	Elements of Statistics	3	MAC1105 or MAC1114 or MAC1140 or MAT1033 or MGF1106 or MGF1107	All		

Lower Division Electives

Sufficient 1000/2000 level electives to complete at least 60 semester hours in the lower division. Current UWF students may use elective courses at any level (1000-4999) to meet this elective requirement.

Core Courses (38 upper-level credits)

Course #	Course Name	Cr	Prerequisites	Semester(s) Offered	Semester Taken/Scheduled	Substitute
Content						
GEO3250/L	Weather & Climate/Lab	4	GEO1200/L or GLY2010/L	Spring		
GEO3260/L	Geography of Soils/Lab	4	GEO1200/L or GLY2010/L; CHM2045/L	Fall		
GEO4280/L	Basic Hydrology/Lab	4	GLY2010/L or GEO1200/L	Fall		
GEO4376/L	Landscape Ecology/Lab	3	BOT2010/L or GEO1200/L	Spring		

Course #	Course Name	Cr	Prerequisites	Semester(s) Offered	Semester Taken/Scheduled	Substitute
Skills						
EVR3894	Environmental Writing	3	ENC1101 and ENC1102	Summer		ENC3240 (SP)
GEO4164	Geostatistics	3	STA 2023 and GIS4043/L	Summer		STA4173 (All)
GIS3015/L	Cartographic Skills/Lab	4	GEO1200/L or GLY2010/L	Fall		
GIS4043/L	Introduction to GIS/Lab	4	none	Fall, Spring		
Choose one:						
EVR4941	Practicum in Env Studies	3	GEO3372 or GLY3031C (optional)	All		
EVR4970	Senior Thesis	3	Permission of instructor	All		
GIS4944	GIS Internship	3	GIS 4043/L	All		
Capstone						
GEO4332	Senior Seminar	1	Upper level standing	Fall, Spring		

Natural Science Specialization (21-22 upper-level credits)

Course #	Course Name	Cr	Prerequisites	Semester(s) Offered	Semester Taken/Scheduled	Substitute
CHM3120/L	Analytical Chemistry	4	CHM2045 and CHM2046	Spring		
GEO4251	Advanced Climatology and Climate Change	3	GEO3250/L	Fall		
PCB4043/L	Ecology/Lab	4	STA2023; CHM2045/L, CHM2046/L; two of BOT2010/L, PCB2131/L, & ZOO1010/L	All		
Electives						
Choose one:						
GLY3031C	Environmental Geology/Lab	4	GEO1200/L or GLY2010/L	Spring (even)		
EVS4192C	Environmental Soil Science	3	GLY3031C	Spring (odd)		
Choose one:						
EVR4023	Coastal & Marine Environments	3	GLY2010/L or GEO1200/L and Junior Standing	Fall		
GEO4221/L	Coastal Morphology & Processes/Lab	4	GEO1200/L or GLY2010/L	Spring		

Course #	Course Name	Cr	Prerequisites	Semester(s) Offered	Semester Taken/Scheduled	Substitute
Choose one:						
CHM4930	Environmental Chemistry	3	CHM3400C or CHM3411	See dept		
GLY4240	Geochemistry	3	GLY2010/L or GEO1200/L and CHM2045/L	Spring (odd)		
GLY4244	Biogeochemistry	3	(GLY2010/L or GEO1200/L) and CHM 2046/L and (BSC1005/L or BOT 2010/L or ZOO1010/L)	Spring (even)		
Choose one:						
GIS4035/L	Photo Interpretation & Remote Sensing/Lab	4	GIS3015/L	Spring		
GIS4036	Applications in Remote Sensing	3	GIS4035/L	Summer (even)		
GIS4048	Applications in GIS	3	GIS 4043/L	Fall		
GIS4071	Methods & Techniques in ERMP	3	GIS 4043/L	Summer		

Upper Division Electives

Sufficient 3000/4000 level electives to meet UWF's requirement of 48 semester hours in the upper division or completion of all departmental requirements at the 3000/4000 level, whichever is greater. It is highly recommended that students choose from the following to complete their upper division electives: ECP4302, PAD3003, POS3283, and PUP4004.

Students may use this form to register for classes. If courses are taken out of sequence, students are responsible for any prerequisites that may be needed.

Acknowledged: _____
Signature

Date