

Name:
Student ID:
Date Admitted Into Major:

BACHELOR OF SCIENCE GEOGRAPHY

ENVIRONMENTAL SUSTAINABILITY CONCENTRATION

GENERAL EDUCATION REQUIREMENTS Competencies ◆ Basic College Math ◆ Reading Comprehension ◆General Education Categories (34-35 credits total) **+FYS** First Year Seminar Written Communication - Level I ♦W-I 3 **♦**OC Oral Communication 3 PGR Personal Growth & Responsibility 3 CEA Creative Expression & Appreciation 3 WC World Cultures 3 HP The Human Past 3 CS 3 Contemporary Society Scientific # Any SR course 3-4 SR Reasoning: # SR Lab course 4 QR Quantitative Reasoning **‡ Written Communication (Level II and Level III)** W-II Written Communication - Level II W-III Written Communication - Level III Minor/Free Electives (40 credits minimum) May be necessary to take additional credits to attain the minimum 120 credits required for graduation depending on choices made for general education or minor selection.

Major Core Courses (15 credits) GPH	COURSES IN MAJOR (45 credits total)					
GPH 105 Introduction to Geography OR 3 GPH 110 World Regions 3 GPH 140 Intro to Maps & GIS 3 GPH 301 Intro to Quantitative Geography 3 GPH 302 Geographic Research 3 Concentration Core Courses (12 credits) GPH 282P Environmental Global Issues 3 GPH 371 Environmental Sustainability and 3 3 Society Society Society GPH 375 Food, Drink & the Environment 3 IDS 366 Energy and the Environment 3 Concentration Planning Courses (6 credits) Choose two: ECO 319 Environment & Natural Resource Economics GPH 373 Land Use Planning & Analysis 3 GPH 377 Environmental Assessment 3 Concentration Techniques Course (3 credits) Choose one: GPH 340 Geographic Info. Systems 3 GPH 344<	, ,					
OR	GPH	115	Global Climate Change	3		
GPH 140 Intro to Maps & GIS 3 GPH 301 Intro to Quantitative Geography 3 GPH 302 Geographic Research 3 Concentration Core Courses (12 credits) GPH 282P Environmental Global Issues 3 GPH 371 Environmental Sustainability and Society 3 GPH 375 Food, Drink & the Environment 3 IDS 366 Energy and the Environment 3 Concentration Planning Courses (6 credits) Coredits) Choose two: ECO 319 Environment & Natural Resource Economics 3 GPH 373 Land Use Planning & Analysis 3 GPH 377 Environmental Assessment 3 Choose one: GPH 340 Geographic Info. Systems 3 GPH 344 Remote Sensing 3 Choose three: BIO 208 Environmental Problems 3 GPH 252 Native American Lands & Sensing 3			OR	3		
GPH 301 Intro to Quantitative Geography 3 GPH 302 Geographic Research 3 Concentration Core Courses (12 credits) GPH 282P Environmental Global Issues 3 GPH 371 Environmental Sustainability and Society 3 GPH 375 Food, Drink & the Environment 3 IDS 366 Energy and the Environment 3 Concentration Planning Courses (6 credits) Choose two: ECO 319 Environment & Natural Resource Economics 3 GPH 373 Land Use Planning & Analysis 3 GPH 377 Environmental Assessment 3 Concentration Techniques Course (3 credits) Choose one: GPH 340 Geographic Info. Systems 3 GPH 344 Remote Sensing 3 Choose three: BIO 208 Environmental Problems 3 GPH 252 Native American Lands & Sensing 3		110		_		
GPH 302 Geographic Research 3 Concentration Core Courses (12 credits) GPH 282P Environmental Global Issues 3 GPH 371 Environmental Sustainability and Society 3 GPH 375 Food, Drink & the Environment 3 IDS 366 Energy and the Environment 3 Concentration Planning Courses (6 credits) Choose two: ECO 319 Environment & Natural Resource Economics 3 GPH 373 Land Use Planning & Analysis 3 GPH 377 Environmental Assessment 3 Concentration Techniques Course (3 credits) Choose one: GPH 340 Geographic Info. Systems 3 GPH 344 Remote Sensing 3 Concentration Perspectives Courses (9 credits) Choose three: BIO 208 Environmental Problems 3 GPH 252 Native American Lands & 3 Environment	_					
Concentration Core Courses (12 credits) GPH 282P Environmental Global Issues 3 GPH 371 Environmental Sustainability and 3 Society Society Society GPH 375 Food, Drink & the Environment 3 IDS 366 Energy and the Environment 3 Concentration Planning Courses (6 credits) Choose two: ECO 319 Environment & Natural 3 Resource Economics Resource Economics GPH 373 Land Use Planning & Analysis 3 GPH 377 Environmental Assessment 3 Concentration Techniques Course (3 credits) Choose one: GPH 340 Geographic Info. Systems 3 GPH 341 Remote Sensing 3 Concentration Perspectives Courses (9 credits) Choose three: BIO 208 Environmental Problems 3 GPH 252 Native American Lands & 3 Environment GPH 315 Economic Geography 3 GPH 360 Globalization 3				3		
GPH 282P Environmental Global Issues 3 GPH 371 Environmental Sustainability and Society 3 GPH 375 Food, Drink & the Environment 3 3 IDS 366 Energy and the Environment 3 3 Concentration Planning Courses (6 credits) Choose two: ECO 319 Environment & Natural Resource Economics 3 GPH 373 Land Use Planning & Analysis 3 3 GPH 377 Environmental Assessment 3 3 Concentration Techniques Course (3 credits) Choose one: GPH 340 Geographic Info. Systems 3 3 GPH 344 Remote Sensing 3 3 Choose three: BIO 208 Environmental Problems 3 3 GPH 252 Native American Lands & 3 3 Environment GPH 315 Economic Geography 3 3 GPH 360 Globalization 3 3	GPH					
GPH 371 Environmental Sustainability and Society 3 GPH 375 Food, Drink & the Environment 3 IDS 366 Energy and the Environment 3 Concentration Planning Courses (6 credits) Choose two: ECO 319 Environment & Natural Resource Economics 3 GPH 373 Land Use Planning & Analysis 3 GPH 377 Environmental Assessment 3 Concentration Techniques Course (3 credits) Choose one: GPH 340 Geographic Info. Systems 3 GPH 344 Remote Sensing 3 Concentration Perspectives Courses (9 credits) Choose three: BIO 208 Environmental Problems 3 GPH 252 Native American Lands & 3 Environment GPH 315 Economic Geography 3 GPH 360 Globalization 3						
Society GPH 375 Food, Drink & the Environment 3 IDS 366 Energy and the Environment 3 Concentration Planning Courses (6 credits) Choose two: ECO 319 Environment & Natural 3 Resource Economics 3 GPH 373 Land Use Planning & Analysis 3 GPH 377 Environmental Assessment 3 Concentration Techniques Course (3 credits) Choose one: GPH 340 Geographic Info. Systems 3 GPH 344 Remote Sensing 3 Concentration Perspectives Courses (9 credits) Choose three: BIO 208 Environmental Problems 3 GPH 252 Native American Lands & 3 Environment GPH 315 Economic Geography 3 GPH 360 Globalization 3				3		
IDS	GPH	371	Society	3		
Concentration Planning Courses (6 credits) Choose two: ECO 319 Environment & Natural Resource Economics 3 GPH 373 Land Use Planning & Analysis 3 GPH 377 Environmental Assessment 3 Concentration Techniques Course (3 credits) Choose one: GPH 340 Geographic Info. Systems 3 GPH 344 Remote Sensing 3 Concentration Perspectives Courses (9 credits) Choose three: BIO 208 Environmental Problems 3 GPH 252 Native American Lands & 3 Environment GPH 315 Economic Geography 3 GPH 360 Globalization 3	GPH	375	Food, Drink & the Environment	3		
Choose two: ECO 319 Environment & Natural Resource Economics 3 GPH 373 Land Use Planning & Analysis 3 GPH 377 Environmental Assessment 3 Concentration Techniques Course (3 credits) Choose one: GPH 340 Geographic Info. Systems 3 GPH 344 Remote Sensing 3 Concentration Perspectives Courses (9 credits) Choose three: BIO 208 Environmental Problems 3 GPH 252 Native American Lands & 3 3 Environment GPH 315 Economic Geography 3 GPH 360 Globalization 3	IDS			-		
ECO 319 Environment & Natural Resource Economics 3 GPH 373 Land Use Planning & Analysis 3 GPH 377 Environmental Assessment 3 Concentration Techniques Course (3 credits) Choose one: GPH 340 Geographic Info. Systems 3 GPH 344 Remote Sensing 3 Concentration Perspectives Courses (9 credits) Choose three: BIO 208 Environmental Problems 3 GPH 252 Native American Lands & 3 3 Environment GPH 315 Economic Geography 3 GPH 360 Globalization 3						
Resource Economics GPH 373 Land Use Planning & Analysis 3 GPH 377 Environmental Assessment 3 Concentration Techniques Course (3 credits) Choose one: GPH 340 Geographic Info. Systems 3 GPH 344 Remote Sensing 3 Concentration Perspectives Courses (9 credits) Choose three: BIO 208 Environmental Problems 3 GPH 252 Native American Lands & 3 Environment GPH 315 Economic Geography 3 GPH 360 Globalization 3						
GPH 377 Environmental Assessment 3 Concentration Techniques Course (3 credits) Choose one: GPH 340 Geographic Info. Systems 3 GPH 344 Remote Sensing 3 Concentration Perspectives Courses (9 credits) Choose three: BIO 208 Environmental Problems 3 GPH 252 Native American Lands & 3 Environment GPH 315 Economic Geography 3 GPH 360 Globalization 3	ECO	319		3		
GPH 377 Environmental Assessment 3 Concentration Techniques Course (3 credits) Choose one: GPH 340 Geographic Info. Systems 3 GPH 344 Remote Sensing 3 Concentration Perspectives Courses (9 credits) Choose three: BIO 208 Environmental Problems 3 GPH 252 Native American Lands & 3 Environment GPH 315 Economic Geography 3 GPH 360 Globalization 3	GPH	373	Land Use Planning & Analysis	3		
Concentration Techniques Course (3 credits) Choose one: GPH 340 Geographic Info. Systems 3 GPH 344 Remote Sensing 3 Concentration Perspectives Courses (9 credits) Choose three: BIO 208 Environmental Problems 3 GPH 252 Native American Lands & 3 Environment GPH 315 GPH 360 Globalization 3	GPH			3		
Choose one: GPH 340 Geographic Info. Systems 3 GPH 344 Remote Sensing 3 Concentration Perspectives Courses (9 credits) Choose three: BIO 208 Environmental Problems 3 GPH 252 Native American Lands & 3 Environment Senvironment 3 GPH 315 Economic Geography 3 GPH 360 Globalization 3						
GPH 340 Geographic Info. Systems 3 GPH 344 Remote Sensing 3 Concentration Perspectives Courses (9 credits) Choose three: BIO 208 Environmental Problems 3 GPH 252 Native American Lands & 3 Environment 5 GPH 315 Economic Geography 3 GPH 360 Globalization 3						
GPH 344 Remote Sensing 3 Concentration Perspectives Courses (9 credits) Choose three: BIO 208 Environmental Problems 3 GPH 252 Native American Lands & 3 Environment 5 Environment GPH 315 Economic Geography 3 GPH 360 Globalization 3			Geographic Info. Systems	3		
Concentration Perspectives Courses (9 credits) Choose three: BIO 208 Environmental Problems 3 GPH 252 Native American Lands & 3 3 Environment Environment 3 GPH 315 Economic Geography 3 GPH 360 Globalization 3	GPH	344		3		
Choose three: BIO 208 Environmental Problems 3 GPH 252 Native American Lands & 3 Environment 3 GPH 315 Economic Geography 3 GPH 360 Globalization 3						
GPH 252 Native American Lands & 3 Environment 3 GPH 315 Economic Geography 3 GPH 360 Globalization 3						
GPH 252 Native American Lands & 3 Environment 3 GPH 315 Economic Geography 3 GPH 360 Globalization 3	BIO	208	Environmental Problems	3		
GPH 315 Economic Geography 3 GPH 360 Globalization 3	GPH	252				
GPH 360 Globalization 3	GPH	315		3		
				_		
GPH I 376P Conservation of Nat. Resources 3	GPH	376P	Conservation of Nat. Resources	3		
GPH 379 Environmental Justice 3	_					
GLS 237 Medical Geology 3	_					
GLS 351 Economic Geology 3						
PHL 224 Environmental Ethics 3						
POL 304 Environmental Politics 3						

▼ Students may choose to use support courses to satisfy general education categories, but may not be required to do so. Note: If a course is used to satisfy two or more requirements (for example, a support course and Scientific Reasoning requirement), the credits are counted in only one place. Using a course to satisfy more than one requirement does not reduce the credit total required for graduation.

Courses used to satisfy the general education requirements of the university must be taken from a minimum of six different academic disciplines. First Year Seminar and Level I Written Communications courses are exempt from this restriction. Courses may not be used to fulfill both major discipline and general education requirements.

t These Scientific Reasoning General Education Category courses do not have to be a sequence or be from the same discipline.

Level II and Level III Written Communications Courses may be used to satisfy requirements anywhere else in a student's program of study where they may ‡ apply. The credits are counted only in one area.

♦ COMPETENCIES - TO BE COMPLETED WITHIN THE FIRST 30 CREDITS

♦ GENERAL EDUCATION CATEGORIES - TO BE COMPLETED WITHIN THE FIRST 30 CREDITS

Effective: 9/2016