

TO BE COMPLETED BY DEPARTMENTAL ADVISOR ONLY

Major: Bachelor of Arts in Geosciences							2019
CHECK when completed	Course Title	Grade	FAU	Credits	Substitute	Institution	Advisor Approval
Core Required of all Students Pursuing the B.S. in Geosciences							
Required for ALL STUDENTS in Degree							
	Geosciences Colloquium		GEO 4920	1			
	Introduction to Mapping and GIS		GIS 3015C	3			
	Weather and Climate		MET 2010	3			
	Introductory Statistics		STA 2023	3			
Core Requirement Total				10			
Required Courses of all Students Pursuing a Focus in Geography							
Core Courses							
	World Geography		GEA 2000	3			
	Human-Env Interactions SFLA		GEA 4275	3			
	Introduction to Physical Geography		GEO 2200C	3			
	Quantitative Methods		GEO 4022	3			
Required Courses of Geography Focus Total				12			
Required Courses of all Students Pursuing a Focus in Geology							
Supporting Courses							
	Introduction to Astronomy		AST 2002	3			
	College Algebra		MAC 1105	3			
	Biological Principles AND		BSC 1010	3			
	Biological Principles Lab OR		BSC 1010L	1			
	Biodiversity AND		BSC 1011	3			
	Biodiversity Lab		BSC 1011L	1			
	General Chem I		CHM 2045	3			
	General Chem I Lab		CHM 2045L	1			
	General Physics I OR		PHY 2048	4			
	College Physics I		PHY 2053	4			
	General Physics I Lab		PHY 2048L	1			
				Subtotal	19		
Core Courses							
	Phys. Geol/Evol. Earth &		GLY 2010C	4			
	History of Earth & Life		GLY 2100	3			
	Field Methods		GLY 4750C	3			
				Subtotal	10		
Required Courses of Geology Focus Total				29			
<p>All B.A. in Geosciences students with a Focus in Geography are required to take a minimum of 6 credits from each of the three areas of emphasis listed below (Environmental Systems, Human Systems, GIScience). Another 15 elective credits should be chosen from these areas, selected in consultation with the student's advisor based on the their interests & career goals.</p>							
Environmental Systems							
	The Blue Planet		ESC 2000	3			
	Environmental Issues Atm & Earth Sci		ESC 3704	3			
	Water Resources		GEO 4280C	3			
	Biogeography		GEO 4300	3			
	Phys. Geol/Evol. Earth &		GLY 2010C	4			
	History of Earth & Life		GLY 2100	3			
	Coastal & Marine Science		GLY 3730	3			
	Geomorphology		GLY 4700C	3			
	Hydrogeology		GLY 4822	3			
Human Systems							
	Climate Change: Myths, Realities, & Solutions		EVR 3114	3			
	Natural Hazards, Climate, & Society		EVR 4112	3			
	Geography of Latin America		GEA 4405	3			
	Europe		GEA 4500	3			
	American Cultural Landscape		GEO 4422	3			
	Tourism & Commercial Rec.		GEO 4542	3			
	Urban Geography		GEO 4602	3			
	Transportation & Spatial Org		GEO 4700	3			
GIScience							
	Spatial Data Analysis		GEO 4167C	3			
	Photogrammetry & Aerial Interpretation		GIS 4021C	3			
	Remote Sensing of Env		GIS 4035C	3			
	Digital Image Analysis		GIS 4037C	3			
	Principles of GIS		GIS 4043C	3			
	Applications in GIS		GIS 4048C	3			
	Programming in GIS		GIS 4102C	3			
	Geospatial Databases		GIS 4118C	3			
	Geovisualization and GIS		GIS 4138C	3			
Total Credit Hours From Areas of Emphasis				33			
Elective Courses for Geology Focus (Select 6 courses from the following with a prefix of AST, ESC, GEO or GLY)							
	Solar System Astronomy		AST 3110	3			
	Env Issues in Atmo & Earth Sci		ESC 3704	3			
	Water Resources		GEO 4280C	3			
	Paleontology		GLY 3603C	3			
	Coastal & Marine Science		GLY 3730	3			
	Mineralogy & Crystal Chem		GLY 4200C	4			
	Environmental Geochemistry		GLY 4241	3			
	Petrol of Ig and Met Rocks		GLY 4310C	4			
	Structural Geology		GLY 4400C	4			
	Stratigraphy & Sedimentation		GLY 4500C	4			
	Geomorphology		GLY 4700C	3			
	Hydrogeology		GLY 4822	3			
Elective Geology Courses Total				18-22			

TOTAL CREDITS FOR B.A. IN GEOSCIENCES WITH GEOGRAPHY FOCUS 55
 TOTAL CREDITS FOR B.A. IN GEOSCIENCES WITH GEOLOGY FOCUS 57 - 61

I certify that I have personally examined the student's transcript(s). Any indicated substitutions have been approved.

Departmental Advisor

Date

*Note: A grade of C or better is required for all courses in this track.

*Note: It is the student's responsibility to complete 45 credits of upper division coursework