

TO BE COMPLETED BY DEPARTMENTAL ADVISOR ONLY							
Major: Bachelor of Science 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							
	General Chem I		CHM 2045	3			
	General Chem I Lab		CHM 2045L	1			
	Geosciences Colloquium		GEO 4920	1			
	Introduction to Mapping and GIS		GIS 3015C	3			
	Calculus and Analytical Geometry I		MAC 2311	4			
	Introductory Statistics		STA 2023	3			
Core Requirement Total				15			
Required Courses of all Students Pursuing a Focus in Geography							
Supporting Courses							
	Biological Principles AND		BSC 1010	3			
	Biological Principles Lab OR		BSC 1010L	1			
	Biodiversity AND		BSC 1011	3			
	Biodiversity Lab		BSC 1011L	1			
Subtotal				4			
Core Courses							
	World Geography		GEA 2000	3			
	Human-Env Interactions SFL		GEA 4275	3			
	Introduction to Physical Geography		GEO 2200C	3			
	Quantitative Methods		GEO 4022	3			
	Biogeography		GEO 4300	3			
	Remote Sensing of Environment		GIS 4035C	3			
	Principles of GIS		GIS 4043C	3			
	Weather and Climate		MET 2010	3			
Subtotal				24			
Required Courses of Geography Focus Total				28			
Required Courses of all Students Pursuing a Focus in Geology							
Supporting Courses							
	Calculus Analytical Geometry II		MAC 2312	4			
	General Physics I		PHY 2048	4			
	General Physics 2		PHY 2049	4			
Subtotal				12			
Core Courses							
	Phy Geology/Evol of the Earth		GLY 2010C	4			
	History of Earth & Life		GLY 2100	3			
	Mineralogy & Crystal Chem.		GLY 4200C	4			
	Petrology Igneous & Met. Rocks		GLY 4310C	4			
	Structural Geology		GLY 4400C	4			
	Solid Earth Geophysics		GLY 4451	3			
	Stratigraphy & Sedimentation		GLY 4500C	4			
	Field Methods		GLY 4750C	3			
	Field Camp		GLY 4790	6			
	Hydrogeology		GLY 4822	3			
Subtotal				38			
Required Courses of Geology Focus Total				50			
Elective Courses for Geography Focus (Select 30-31 credits from below)							
	The Blue Planet		ESC 2000	3			
	Environmental Issues Atm & Earth Sci		ESC 3704	3			
	Climate Change: Myths, Realities, & Solutions		EVR 3114	3			
	Natural Hazards, Climate, & Society		EVR 4112	3			
	Spatial Data Analysis		GEO 4167C	3			
	Water Resources		GEO 4280C	3			
	Tourism/Commercial Recreation		GEO 4542	3			
	Urban Geography		GEO 4602	3			
	Transportation & Spatial Org		GEO 4700	3			
	Photogrammetry & Aerial Interpretation		GIS 4021C	3			
	Digital Image Analysis		GIS 4037C	3			
	Applications in GIS		GIS 4048C	3			
	Programming in GIS		GIS 4102C	3			
	Geospatial Databases		GIS 4118C	3			
	Geovisualization and GIS		GIS 4138C	3			
	Phy Geology/Evol of the 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			
Elective Geography Courses Total				30-31			
Elective Courses for Geology Focus (Select 9 credits from below, 6 of which must be at the 4000 level)							
	Water Resources		GEO 4280C	3			
	Principles of GIS		GIS 4043C	3			
	Remote Sensing of the Environment		GIS 4035C	3			
	Geology of Florida		GLY 3155	3			
	Paleontology		GLY 3603C	3			
	Coastal & Marine Science		GLY 3730	3			
	Environmental Geochemistry		GLY 4241	3			
	Geomorphology		GLY 4700C	3			
	Engineering Geology		GLY 4830	3			
Elective Geology Courses Total				9			

TOTAL CREDITS FOR B.S. IN GEOSCIENCES WITH GEOGRAPHY FOCUS 73-74
 TOTAL CREDITS FOR B.S. IN GEOSCIENCES WITH GEOLOGY FOCUS 74

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