

TO BE COMPLETED BY DEPARTMENTAL ADVISOR ONLY						
Bachelor of Science in Geosciences: Climate Change Concentration						
CHECK when completed		Course Title	Grade	FAU	Credits	Substitute
Core Required of all Students Pursuing the B.S. in Geosciences						
		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	
		Introductory Statistics		STA 2023	3	
<b>Subtotal</b>					<b>11</b>	
<b>Science Core Courses</b>						
		Biological Principles <b>AND</b>		BSC 1010	3	
		Biological Principles Lab <b>OR</b>		BSC 1010L	1	
		Biodiversity <b>AND</b>		BSC 1011	3	
		Biodiversity Lab <b>OR</b>		BSC 1011L	1	
		Life Science <b>AND</b>		BSC 1005L	2	
		Life Science Lab <b>OR</b>		BSC 1005L	1	
		RI: Life Science Lab		BSC 1005L	1	
		The Blue Planet <b>OR</b>		ESC 2000	3	
		Introduction to Physical Geography <b>OR</b>		GEO 2200C	3	
		Phy Geology/Evol of the Earth		GLY 2010C	4	
	Methods of Calculus		MAC 2233	3		
<b>Subtotal</b>					<b>9-11</b>	
<b>Climate Change Concentration Core Courses</b>						
		Environmental Issues Atm & Earth Sci		ESC 3704	3	
		Climate Change: The Human Dimensions		EVR 1110	3	
		Climate Change: Myths, Realities & Solutions		EVR 3114	3	
		Hazards, Climate, and People		EVR 4112	3	
		Quantitative Methods		GEO 4022	3	
		Remote Sensing of Environment		GIS 4035C	3	
		Principles of GIS		GIS 4043C	3	
		Weather, Climate and Climate Change		MET 2010	3	
		Atmospheric Hazards		MET 3052	3	
	Tropical Climatology		MET 3112	3		
<b>Subtotal</b>					<b>30</b>	
<b>Geosciences and Interdisciplinary Electives (select 21 credits from the courses below)</b>						
		Human-Environmental Interactions in S. Fla		GEA 4275	3	
		Sea-Level Rise: Impacts and Responses		GEO 3342	3	
		Water Resources		GEO 4280C	3	
		Biogeography		GEO 4300	3	
		Spatial Data Analysis		GIS 4115C	3	
		Mobile GIS & Drone Technology		GIS 4140C	3	
		DIS/DIR		GEO/GLY 4905/4915	3	
		Coastal & Marine Science		GLY 3730	3	
		Environmental Geochemistry		GLY 4241	3	
		Hydrogeology		GLY 4822	3	
		Climate Data Applications		MET 4142	3	
		Conservation Biology		BSC 3052	3	
		Clim Change Bio: Ecosystems to Hum Health		BSC 4307	3	
		Principles of Ecology		PCB 4043	3	
		Microeconomic Principles <b>OR</b>		ECO 2023	3	
		Environmental Economics		ECP 4302	3	
		Environmental Science and Engineering		ENV 3001C	3	
		Comparative Environmental Politics		INR 4054	3	
		Global Environmental Politics and Policies		INR 4350	3	
		Sociology of Climate and Disaster		SYP 4464	3	
		Disaster and Emergency Management		PAD 4393	3	
	Environmental Planning Methods		URP 4420	3		
	Sustainable Cities		URP 4403	3		
	Planning for Hazards/Disasters		URP 4430	3		
<b>Elective Geography Courses Total</b>					<b>21</b>	
<b>TOTAL CREDITS FOR B.S. IN GEOSCIENCES WITH CLIMATE CHANGE CONCENTRATION</b>						

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 **42 credits of upper division** coursework

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