

# Geosciences Projected Courses

All topics	Human-environment
Techniques	Physical Geography
Human geography	Geology/Geochemistry

Course Name	FA '21	SP '22	SU '22	FA '22	SP '23	SU '23
<b>GEOG/GEOL 3000: Foundations in GEOS: Skills, Careers, and Navigating the Major***</b> [1 hr]	<b>Bc</b>			■		
<b>GEOG/GEOL 4830 Senior Seminar-CTW***</b> [3 hrs]	<b>Bc</b>			■		
<b>GEOG/GEOL 4095 Colloquium in Geosciences</b> [1 hr]	<b>Osc</b>	■		■	■	
<b>GEOG/GEOL 4550 Field School in Geosciences</b> [3-4 hrs] → May/July/Dec (International), June (Georgia)			GA (June)	Costa Rica (Dec)		Bahamas (May) Ghana (May) GA (June) Ecuador (July)
<b>GEOG 4515 Qualitative Methods</b> [3 hrs]		■			■	
<b>GEOG 4518 Digital Cartography</b> [3 hrs]	<b>Oac</b>			■		
<b>GEOG 4520 Quantitative Spatial Analysis</b> [3 hrs]		■			■	
<b>GEOG 4530 Intro to Remote Sensing</b> [4 hrs]	<b>Osa</b>			■		
<b>GEOG 4532 Intro to GIS</b> [4 hrs]	<b>Os</b>	■	■	■	■	■
<b>GEOG 4534 Advanced GIS</b> [4 hrs]		■			■	
<b>GEOG 4536 GIS Programming</b> [4 hrs]				■		
<b>GEOG 4538 Urban GIS</b> [4 hrs]	<b>Os</b>					
<b>GEOL 4018 Environmental Health &amp; Safety</b> [3 hrs]		■			■	
<b>GEOL 4042 Environmental Instrumentations: Aqueous Media</b> [4 hrs]	<b>F</b>					
<b>GEOL 4043 Environmental Instrumentations: Solid Media</b> [4 hrs]					■	
<b>GEOL 4123 Geoinformatics</b> [3 hrs]	<b>Os</b>					
<b>GEOG 4762 Economic Geography</b> [3 hrs]	<b>Oa</b>					
<b>GEOG 4764 Urban Geography</b> [3 hrs]	<b>F</b>			■		
<b>GEOG 4768 Metropolitan Atlanta</b> [3 hrs]		■			■	
<b>GEOG 4774 Contemporary Urban Theory &amp; Issues</b> [3 hrs]		■			■	
<b>GEOG 4778 Political Geography</b> [3 hrs]				■		
<b>GEOG 4012 Sustainable Development</b> [3 hrs]						
<b>GEOG 4020 Urban Environments</b> [3 hrs]	<b>F</b>	■		■		
<b>GEOG 4051 Environmental History of Georgia</b> [3 hrs]						
<b>GEOG 4402 Geography of Africa</b> [3 hrs]					■	
<b>GEOG 4451 Aquatic Pollution &amp; Toxicology</b> [4 hrs]		■			■	
<b>GEOG 4644 Environmental Conservation</b> [3 hrs]	<b>Os</b>			■		

Course Name	FA '21	SP '22	SU '22	F '22	SP '23	SU '23
<b>GEOG 4646</b> Water Resources [3 hrs]		■			■	
<b>GEOG 4784</b> Global Climate Change [3 hrs]	<b>B</b>			■		
<b>GEOG 4800</b> Environmental Justice (NEW) [3 hrs]	<b>Os</b>			■		
<b>GEOL 4017</b> Environmental Geology [3 hrs]		■			■	
<b>GEOL 4235</b> Water, Wastewater, and Environment [3 hrs]			■			
<b>GEOG 4050</b> Natural Environments of GA (w/ Field) [4 hrs]	<b>B</b>		■	■		■
<b>GEOG 4640</b> Geomorphology [3 hrs]					■	
<b>GEOG 4642</b> Advanced Weather & Climate [3 hrs]		■				
<b>GEOG 4648</b> Biogeography [3 hrs]		■				
<b>GEOG 4650</b> Surface Water Hydrology [3 hrs]	<b>F</b>			■		
<b>GEOG 4245</b> Urban Hydrology (NEW) [3 hrs]		■				
<b>GEOL 4002</b> Hydrogeology (formerly GEOL 4007) [4 hrs]	<b>Osa</b>			■		
<b>GEOL 4003</b> Principles & Applications of Environmental Geochemistry (Previously: Aqueous) [3 hrs]	<b>F</b>			■		
<b>GEOL 4004</b> Advanced Environmental Geochemistry [3 hrs]					■	
<b>GEOL 4005</b> Geology of Georgia (w/ Field) [3 hrs]					■	
<b>GEOL 4006</b> Sedimentary Env. & Stratigraphy [4 hrs]		■			■	
<b>GEOL 4008</b> Rock Fracture & Fluid Flow (NEW) [3 hrs]				■		
<b>GEOL 4010</b> Groundwater Hydrology [3 hrs]		■			■	
<b>GEOL 4011</b> Principles of Paleontology [4 hrs]	<b>B</b>					
<b>GEOL 4013</b> Structural Geology [4 hrs]		■			■	
<b>GEOL 4015</b> Mineralogy [4 hrs]	<b>F</b>			■		
<b>GEOL 4016</b> Igneous & Metamorphic Petrology [4 hrs]		■			■	
<b>GEOL 4075</b> Fundamentals of Soils [3 hrs]				■		
<b>GEOL 4120/4121</b> Basic & Advanced Field Geology [8 hrs]			■			■

■ = projected course offering ■s = synchronous ■a = asynchronous ■c = campus option \*\*\* = required for all majors  
**B** = blended (online + campus) **O** = online **F** = face-to-face in person **#** = 1<sup>st</sup> or 2<sup>nd</sup> 7-week session *-Updated Aug 2021-*