

**Bachelor of Arts with Major in Geology:  
General Liberal Arts**

*(Minimum of 120 credits required)*

The general Bachelor of Arts (B.A.) degree in Geology is designed for students planning professional careers in environmental planning, conservation, or other fields that significantly overlap with a traditional geology program. The program allows students to complete bachelor's degree requirements with more credits of electives in their fields of interest.

Geology students who enter FAU as freshmen must meet the University's core curriculum/four-year degree program requirements as listed in the Degree Requirements section of this catalog.

**Minimum General Science Requirements**

Biodiversity and Lab	BSC 1011/1011L	<b>or</b>	
Biological Principles and Lab	BSC 1010/1010		4
General Chemistry 1 and Lab	CHM 2045/2045L		4
General or College Physics and Lab	PHY 2048 or PHY 2053 & 2048L		5
College Algebra	MAC 1105		3
Introductory Statistics	STA 2023		3
<b>Total</b>			<b>19</b>

**Geology Major Course Requirements**

Introduction to Mapping and GIS	GLY 3015C		3
Physical Geology/Evolution of the Earth and Lab	GLY 2010/2010L		4
History of the Earth and Life	GLY 2100		3
Field Methods	GLY 4750C		3
Weather and Climate	MET 2010		3
<b>Subtotal</b>			<b>15</b>
Additional upper-division GLY courses			15
Additional EVR, GEO or GLY courses			9
<b>Total in Major</b>			<b>39</b>

Additional undergraduate courses in geology, geography, general science, and other subjects should be chosen in consultation with the advisor.

**Bachelor of Arts with Major in Geology:  
Earth and Space Science**

*(Minimum of 120 credits required)*

The Bachelor of Arts (B.A.) degree in Geology (Earth Science) is designed for students planning professional careers in earth science education at the middle school or high school levels.

Geology students who enter FAU as freshmen must meet the University's core curriculum/four-year degree program requirements as listed in the Degree Requirements section of this catalog.

**Minimum General Science Requirements**

Biodiversity and Lab	BSC 1011/1011L	<b>or</b>	
Biological Principles and Lab	BSC 1010/1010L		4
General Chemistry 1 and Lab	CHM 2045/2045L		4
General or College Physics and Lab	PHY 2048 or PHY 2053 & 2048L		5
College Algebra	MAC 1105		3
Introductory Statistics	STA 2023		3
<b>Total</b>			<b>19</b>

**Geology (Earth and Space Science)**

**Major Course Requirements**

Introduction to Astronomy	AST 2002		3
Introduction to Mapping and GIS	GIS 3015C		3
Physical Geology/Evolution of the Earth and Lab	GLY 2010/2010L		4
History of the Earth and Life	GLY 2100		3
Coastal and Marine Science	GLY 3730		3
Field Methods	GLY 4750C		3
Weather and Climate	MET 2010		3
<b>Subtotal</b>			<b>21</b>

*Minimum of five courses chosen from the list below:*

Environmental Issues in Atmospheric and Earth Science	ESC 3704		3
Geology of Florida	GLY 3155C		3
Fire, Ice, and Wind: The Geologic Formation of National Parks and Monuments	GLY 3164		3
Water, Waves and Caves: The Geologic Formation of National Parks and Monuments	GLY 3165		3
Paleontology	GLY 3603C		3
Mineralogy and Crystal Chemistry	GLY 4200C		4
Petrology of Igneous and Metamorphic Rocks	GLY 4310C		4
Structural Geology and Lab	GLY 4400/4400L		4
Stratigraphy and Sedimentation	GLY 4500C		4
Geomorphology	GLY 4700C		3
Hydrogeology	GLY 4822		3
<b>Subtotal</b>			<b>15-19</b>
<b>Total in Major</b>			<b>36-40</b>