

# EARTH SCIENCE (7-12)

58 credits

Code	Title	Credits
<b>Geology Core (24 Credits)</b>		
GLG201 & GLG211	Physical Geology and Physical Geology Laboratory	4
GLG202	Historical Geology	4
GLG311	Mineralogy and Crystallography	4
GLG314	Petrology	4
GLG331	Stratigraphy-Sedimentation	4
GLG405	Structure and Tectonics	4
<b>Geological Science Courses (11 Credits)</b>		
GLG120	Weather and Environment	4
GLG305	Paleontology	4
GLG339 or GLG346	Natural Resources and Energy (by advisement) Environmental Impact Assessment	3
<b>Cognate Courses (23 Credits)</b>		
CHE201 & CHE211	General Chemistry I and General Chemistry I Lab	4
CHE202 & CHE212	General Chemistry II and General Chemistry II Lab	4
MAT251	Calculus I	4
PHY201 & PHY211	General Physics 1 and Physics 1 Laboratory	4
Select one of the following:		4
PHY202 & PHY212	General Physics 2 and General Physics 2 Lab	3
PHY222 & PHY232	Fundamental Physics II and Fundamental Physics 2 Lab	
PHY205 or PHY206	Exploring the Solar System Exploring the Universe	3
<b>Total Credits</b>		<b>58</b>

## Recommended Courses

12 credits

Code	Title	Credits
BIO201 & BIO211	General Biology I and Gen Bio 1 Lab	4
CPS210	Computer Science I: Foundations	4
GEO341	Introduction to Geographic Information Systems	4