

Middle Grades Science Courses
2020 Catalog Updates

Required Courses – 12 hours

<i>Course Number</i>	<i>Course Title</i>	<i>Credit Hours</i>	<i>University Studies Requirements Met</i>
BIO 105	Concepts of Modern Biology	4 hours	Building Competencies/Information Literacy, Approaches and Perspectives/Scientific Approaches to the Natural World
CHM 101	General Chemistry I	4 hours	Approaches and Perspectives/Scientific Approaches to the Natural World
CHM 102	General Chemistry II	4 hours	

Elective Courses – Select 6 – 13 hours

BIO 150	Humans and Ecology	3 hours	Approaches and Perspectives/Scientific Approaches to the Natural World
BIO 190	Microbes and Human Society	3 hours	Approaches and Perspectives/Scientific Approaches to the Natural World
BIO 201	Principles of Biology: Cells	4 hours	Approaches and Perspectives/Scientific Approaches to the Natural World
BIO 202	Principles of Biology: Biodiversity	4 hours	Building Competencies/Information Literacy, Approaches and Perspectives/Scientific Approaches to the Natural World
BIO 240	Human Biology and Physiology I (<i>1 hour lab requirement</i>)	3 hours	Approaches and Perspectives/Scientific Approaches to the Natural World
EDN 426	Island Ecology for Educators	3 hours	
EVS 195	Introduction to Environmental Studies	3 hours	Approaches and Perspectives/Scientific Approaches to the Natural

			World, Approaches and Perspectives/Living in a Global Society
GGY 230	Introduction to Weather and Climate	3 hours	Approaches and Perspectives/Scientific Approaches to the Natural World, Approaches and Perspectives/Living in a Global Society
GLY 101	Earth Revealed	3 hours	Approaches and Perspectives/Scientific Approaches to the Natural World
GLY 135	Prehistoric Life	3 hours	Approaches and Perspectives/Scientific Approaches to the Natural World
PHY 101	Elementary College Physics I	4 hours	Approaches and Perspectives/Scientific Approaches to the Natural World
PHY 102	Elementary College Physics II	4 hours	
PHY 103	Great Ideas in Physics	3 hours	
PHY 111	Naked Eye Astronomy and Archaeoastronomy	3 hours	
PHY 260	Introduction to Astronomy	3 hours	Approaches and Perspectives/Scientific Approaches to the Natural World

*Please check the university catalogue for any prerequisite requirements.

*Candidates may substitute 3 credit hours from a study abroad or an International Studies course that has a demonstrated science component.