

# ASSOCIATE OF SCIENCE IN NATURAL SCIENCES

The Natural Science major focuses on providing students with a solid academic foundation, including such hands-on experience as lab work and field activities, to continue to a four-year science degree. The program offers rigorous courses in life and physical sciences, including biology, chemistry, and physics. Students learn about cells, atoms, and molecules to understand larger concepts and laws, such as the biological hierarchy and how macromolecules work or the laws of thermodynamics. They also develop a scientific understanding of present issues, including global warming and becoming better citizens.

## Natural Sciences Curriculum Map

Course	Title	Credit Hours
<b>Semester 1</b>		
ENGL 101 & LANG 157	Introduction to Academic English and Language Practicum	4
INST 150	Introduction to Faith, Reason, and Justice	3
CSCI 110	Computer Literacy	3
COMM 120	Public Speaking	3
MATH 140	College Algebra <sup>1</sup>	3
<b>Credit Hours</b>		<b>16</b>
<b>Semester 2</b>		
ENGL 102 & LANG 158	College Writing and Language Practicum	4
SPAN 101A	Elementary Spanish <sup>1</sup>	3
Select one of the following:		4
BIOL 151 & 151L	General Biology I and General Biology: Laboratory <sup>2</sup>	
BIOL 152 & 152L	General Biology II and General Biology II Laboratory <sup>2</sup>	
CHEM 121	General Chemistry I <sup>2</sup>	3
CHEM 123	General Chemistry Laboratory I <sup>2</sup>	1
<b>Credit Hours</b>		<b>15</b>
<b>Semester 3</b>		
INST 270	Justice in a Pluralistic Society	3
BIBL 100	Introducing Biblical Literature, Biblical Literature in Contemporary Context	3
Select one of the following:		3
MATH 220	Elementary Statistics <sup>2</sup>	
MATH 150	Pre Calculus <sup>2</sup>	
MATH 160	Calculus I <sup>2</sup>	
Select one of the following:		4
BIOL 151 & 151L	General Biology I and General Biology: Laboratory <sup>2</sup>	
BIOL 152 & 152L	General Biology II and General Biology II Laboratory <sup>2</sup>	
CHEM 122	General Chemistry II <sup>2,3</sup>	3
CHEM 124	General Chemistry Laboratory II <sup>2</sup>	1
<b>Credit Hours</b>		<b>17</b>
<b>Semester 4</b>		
Select one of the following:		3
PSYC 100	General Psychology <sup>2</sup>	
SOCI 100	Introduction to Sociology <sup>2</sup>	
INST 161	Heritage of Western Thought and Civilization - Modern	3
THEO 210	Christian Spirituality	3

Select one Math or Science elective <sup>5</sup>	3-4
<b>Credit Hours</b>	<b>12-13</b>
<b>Total Credit Hours</b>	<b>60-61</b>

<sup>1</sup> Students may substitute more advanced courses if able to meet specific course prerequisites.

<sup>2</sup> Satisfies core requirement.

<sup>3</sup> Prerequisite: C or better in CHEM 121 General Chemistry I

<sup>4</sup> Prerequisite: C or better in MATH 160 Calculus I

<sup>5</sup> Consult advisor before selecting from available elective courses during the academic term.