

## GEOLOGY

### Associate of Science

<b>General Education Core for Associate of Science (See Page 127)</b>	<b>27</b>
NOTE: Math requirement must be MATH 188	
ENGL 211 or ENGL 218 requirement - Must take ENGL 211	
Lab Science Requirement included in Chemistry -core classes	

<b>Geology – Core classes:</b>		<b>39</b>
CHEM 111	General Chemistry I	4
CHEM 112	General Chemistry II	4
COSC 111	Computer Literacy <b>OR</b> higher computer course	3
GEOG 118	Introduction to Mapping Technology	4
GEOL 110	Introduction to Geology	4
GEOL 111	Historical Geology	4
GEOL 270	Mineralogy	4
GEOL 271	Petrology	4
PHYS 211/L	General Physics I w/Lab <b>OR</b>	
PHYS 215/L	Engineering Physics I w/Lab	4
PHYS 212/L	General Physics II w/Lab <b>OR</b>	
PHYS 216/L	Engineering Physics II w/Lab	4
<b>Total credit hours required for this degree</b>		<b>66</b>

## MATHEMATICS

### Associate of Science

<b>General Education Core for Associate of Science (See Page 127)</b>	<b>27</b>
NOTE: Math requirement must be MATH 188	
ENGL 211 or ENGL 218 requirement - Must take ENGL 211	
Lab Science Requirement included in Chemistry core classes	

<b>Additional Mathematics:</b>		<b>8</b>
MATH 189	Calculus II	4
MATH 268	Calculus III	4
<b>Mathematics – Core classes:</b>		<b>28-30</b>
COSC 118	Computer Programming Fundamentals I with C++ <b>OR</b>	
COSC 214	Visual Basics I	3
MATH 231	Discrete Mathematics	3
MATH 251	Statistics	4
PHYS 215/L	Engineering Physics I w/Lab	4
PHYS 216/L	Engineering Physics II w/Lab	4