

## MATHEMATICS

Course	Number	Title	Credit Hours
<b>Area A - Essential Skills, 9 credit hours</b>			
ENGL	1101	Composition I	3
ENGL	1102	Composition II	3
MATH	1127	Calculus I	4
<b>Area B - Institutional Options, 4 credit hours</b>			
See Institutional Options, page 119.			4
<b>Area C - Humanities/Fine Arts, 6 credit hours</b>			
See Humanities/Fine Arts, pages 119-120.			6
<b>Area D - Science and Mathematics, 11 credit hours</b>			
Choose one of the following sequences:			8
BIOL	1107, 1108	Principles of Biology I & II	
CHEM	1211, 1212	Principles of Chemistry I & II	
GEOL	1125, 1126	Physical and Historical Geology	
PHYS	1111, 1112	General Physics I & II	
PHYS	2211, 2212	Calculus-Based Physics I & II	
Choose one of the following:			4
BIOL	1107	Principles of Biology I	
BIOL	1120	Essentials of Life Sciences*	
CHEM	1211	Principles of Chemistry I	
CHEM	2912	Organic Chemistry I	
GEOL	1125	Physical Geology	
MATH	1128	Calculus II	
PHYS	1111	General Physics I (not allowed if Calculus-Based Physics I & II are taken)	
PHYS	2211	Calculus-Based Physics I (not allowed if General Physics I & II are taken)	
<b>Area E - Social Sciences, 12 credit hours</b>			
See Social Sciences, pages 122-123.			12
<b>Area F - Majors, 18 credit hours</b>			
MATH	2207	Calculus III	3
MATH	2208	Linear Algebra	3
MATH	2209	Differential Equations	4
Choose from the following:			6
CSCI	1301, 1302	Computer Science I & II	
Foreign Language Sequence			
Elective or Overflow from Areas A and D			2
<b>Outside Core</b>			
MGCS	1101	Managing Goals and Careers	2
HLTH	1101	Health	2
PHED	(3 one-hour courses)	Physical Education	3
<b>Total</b>			<b>67</b>

\*Students may take Essentials of Life Sciences or Principles of Biology I & II, but not both for credit.