

**BIOLOGICAL SCIENCE (0003)**  
**Science/Mathematics Division**  
**RECOMMENDED COURSES FOR TRANSFER**  
**ASSOCIATE OF SCIENCE DEGREE PROGRAMS**

**Area A**

**Essential Skills - 9 hours**

ENGL 1101	English Composition I	3
ENGL 1102	English Composition II	3
MATH 1113 or	Pre-Calculus or	3
MATH 1112	Trigonometry	

**Area B**

**Institutional Options - 4 hours**

<a href="#">See Core Curriculum, Area B.</a>		4
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**Area C**

**Humanities/Fine Arts - 6 hours**

Literature Course	<a href="#">See Area C Core Curriculum, Humanities/Fine Arts</a>	3
COMM 1110	Public Speaking (or COMM 1000 or COMM 1100)*	3

**Area D**

**Science, Math and Technology - 11 hours**

Science Requirements			
CHEM 1211K and	Principles of Chemistry I and	8	
CHEM 1212K	Principles of Chemistry II		
Math/Technology Requirement			
MATH 2205	Introduction to Statistics	3	

**Area E**

**Social Science - 12 hours**

HIST 1111 or	Survey of World History I or	3
HIST 1112	Survey of World History II	
HIST 2111 or	U.S. History Through 1877 or	3
HIST 2112	U.S. History After 1877	
POLS 1101	American Government in World Perspective	3
Elective	<a href="#">See Core Curriculum, Area E</a>	3

**Area F**

**Courses Related to the Major - 18 hours\*\*\***

Major Requirements		
BIOL 1107K	Principles of Biology I	4
BIOL 1108K	Principles of Biology II	4
Major Electives		
CHEM 2240K	Principles of Organic Chemistry I and	4
CHEM 2241K	Principles of Organic Chemistry II	4
PHYS 1111K and	Introductory Physics I or	4
PHYS 2211K	Principles of Physics I	4
PHYS 1112K and	Introductory Physics II or	4
PHYS 2212K	Principles of Physics II	4
SCIE 2000K	Principles of Research Methodology	2

**Area G**

<b>Physical Education – 3 courses**</b>	<u>4-6</u>
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**Two-Year Total** **64-68**

\*Critical Thinking Overlay-All Students must satisfy the critical thinking overlay. This requirement must be fulfilled by satisfactory completion of one of the following courses. This competency is usually satisfied in Area B or C.

- COMM 1000 Cultural Diversity in Communication