

**Anoka-Ramsey Community College Associate in Science in Biological Sciences Program Recommended  
Proposed Schedule for Students Intent on Transferring to St. Cloud State University**

May Transfer in Part

*ARCC courses listed first; St. Cloud State University equivalent courses listed in parentheses.*

MNTC Goal Area	Course	Title	Credits
<b>Freshmen Year</b>			
<b>Summer Semester</b>			
3	CHEM 1061 <sup>1</sup> (CHEM 210)	Principles of Chemistry I	<u>4</u>
		Total	4
 <sup>1</sup> CHEM 1061 is the prerequisite to BIOL 1106 and CHEM 1062. Students enrolling in this program should be advised to enroll in CHEM 1061 during the summer session prior to beginning the program.			
<b>Fall Semester</b>			
3	BIOL 1106 <sup>2</sup> (BIOL 151)	Principles of Biology I	4
4	MATH 1201 <sup>3</sup> (MATH 113)	College Algebra II & Trigonometry	4
3	PHYS 1317 <sup>4</sup> (PHYS 231)	General Physics I	5
1 & 2	ENGL 1121 <sup>5</sup> (ENG 191)	College Writing and Critical Reading	<u>4</u>
		Total	17
 <sup>2</sup> BIOL 1106 is the prerequisite to BIOL 1107, 2202, 2206, 2207, 2208, 2209, 2113, and 2114.			
 <sup>3</sup> MATH 1201 requires a grade of C or better in MATH 1200 (College Algebra) or a required score on Math placement test.			
 <sup>4</sup> Students may substitute PHYS 1327 to fulfill this requirement. Students will be advised to consult the physics <b>requirements</b> of the institution to which they plan to transfer.			
 <sup>5</sup> ENGL 1121 requires a grade of C or better in ENGL 0950 or achievement of recommended score on English placement test.			
 <b>Spring Semester</b>			
3	BIOL 1107 (BIOL 152)	Principles of Biology II	4
3	BIOL 2206 <sup>6</sup> (BIOL 214)	Animal Biology	
	OR		4
3	BIOL 2207 <sup>6</sup> (BIOL 212)	Plant Biology	
3	CHEM 1062 (CHEM 211)	Principles of Chemistry II	4
3	PHYS 1318 <sup>7</sup> (PHYS 232)	General Physics II	<u>5</u>
		Total	17

<sup>6</sup>BIOL 2206 and BIOL 2207 are only offered in alternate Spring semesters.

<sup>7</sup>Students may substitute PHYS 1328 to fulfill this requirement. Students will be advised to consult the physics **requirements** of the institution to which they plan to transfer.

### **Sophomore Year**

#### **Fall Semester**

3	BIOL 2202 (BIOL 262)	Genetics	4
3	CHEM 2061 (CHEM 310)	Organic Chemistry I	5
1 & 7	SPCH 2220 (CMST 212)	Interpersonal Communications	<u>3</u>
		Total	12

#### **Spring Semester**

3	BIOL 2206 (BIOL 214)	Animal Biology	
	OR		4
3	BIOL 2207 (BIOL 212)	Plant Biology	
3	CHEM 2062 (CHEM 311)	Organic Chemistry II	5
5, 6, 8, 9, or 10	General Education Elective		<u>1</u>
		Total	10
		Total Credits	60