

Anoka-Ramsey Community College Associate in Science in Biological Sciences Program Recommended Proposed Schedule for Students Intent on Transferring to the University of Minnesota – Twin Cities

May Transfer in Part

ARCC courses listed first; University of Minnesota – Twin Cities equivalent courses listed in parentheses.

MNTC Goal Area	Course	Title	Credits
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Freshmen Year

Summer Semester

3	CHEM 1061 ¹ (CHEM 1021)	Principles of Chemistry I	<u>4</u>
		Total	4

¹ 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.

Fall Semester

3	BIOL 1106 ² (BIOL 1002)	Principles of Biology I	4
4	MATH 1201 ³ (MATH 1151)	College Algebra II & Trigonometry	4
3	PHYS 1317 ⁴ (PHYS 1101)	General Physics I	5
1 & 2	ENGL 1121 ⁵ (ENGC 1011)	College Writing and Critical Reading	<u>4</u>
		Total	17

² BIOL 1106 is the prerequisite to BIOL 1107, 2202, 2206, 2207, 2208, 2209, 2113, and 2114.

³ MATH 1201 requires a grade of C or better in MATH 1200 (College Algebra) or a required score on Math placement test.

⁴ Students may substitute PHYS 1327 to fulfill this requirement. Students will be advised to consult the physics **requirements** of the institution to which they plan to transfer.

⁵ ENGL 1121 requires a grade of C or better in ENGL 0950 or achievement of recommended score on English placement test.

Spring Semester

3	BIOL 1107 (BIOL 1001)	Principles of Biology II	4
3	BIOL 2206 ⁶ (BIOL 2012)	Animal Biology	
	OR		4
3	BIOL 2207 ⁶ (BIOL 2022)	Plant Biology	
3	CHEM 1062 (CHEM 1022)	Principles of Chemistry II	4
3	PHYS 1318 ⁷ (PHYS 1102)	General Physics II	<u>5</u>
		Total	17

⁶BIOL 2206 and BIOL 2207 are only offered in alternate Spring semesters.

⁷Students 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	Genetics	4
3	CHEM 2061 (CHEM 2301)	Organic Chemistry I	5
1 & 7	SPCH 2220 (COMM 3402)	Interpersonal Communications	<u>3</u>
		Total	12

Spring Semester

3	BIOL 2206 (BIOL 2012)	Animal Biology	
	OR		4
3	BIOL 2207 (BIOL 2022)	Plant Biology	
3	CHEM 2062 (CHEM 2302)	Organic Chemistry II	5
5, 6, 8, 9, or 10	General Education Elective		<u>1</u>
		Total	10
		Total Credits	60