

Anoka-Ramsey Community College Associate in Science in Biological Sciences Program Recommended Proposed Schedule for Students Intent on Transferring to Minnesota State University – Mankato

Full Articulation Agreement

ARCC courses listed first; Minnesota State University-Mankato equivalent courses listed in parentheses.

MNTC Goal Area	Course	Title	Credits
Freshmen Year			
Summer Semester			
3	CHEM 1061 ¹ (CHEM 201)	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 105)	Principles of Biology I	4
4	MATH 1201 ³ (MATH 113)	College Algebra II & Trigonometry	4
3	PHYS 1317 ⁴ (PHYS 211)	General Physics I	5
1 & 2	ENGL 1121 ⁵ (ENG 101)	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 106)	Principles of Biology II	4
3	CHEM 1062 (CHEM 202)	Principles of Chemistry II	4
3	PHYS 1318 ⁶ (PHYS 212)	General Physics II	5
1 & 7	SPCH 2220 (SPEE 101)	Interpersonal Communications	<u>3</u>
		Total	16
 ⁶ 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.			

MNTC Goal Area	Course	Title	Credits
Sophomore Year			
Fall Semester			
3	BIOL 2202 (BIOL 211)	Genetics	4
3	BIOL 2209 (BIOL 215)	General Ecology	4
3	CHEM 2061 (CHEM 320)	Organic Chemistry I	<u>5</u>
Total			13
Spring Semester			
3	BIOL 2114 ⁷ (BIOL 230)	Human Anatomy and Physiology II	
	OR		4
3	BIOL 2208 (BIOL 320)	Cell Biology	
3	CHEM 2062 (CHEM 321)	Organic Chemistry II	5
5, 6, 8, 9, or 10	General Education Elective		<u>1</u>
Total			10
Total Credits			60

⁷ BIOL 2113 is the prerequisite to BIOL 2114 and may be taken during the summer session prior to beginning the second year of the Program.