Saint Mary's University of MINNESOTA

A.A. Transfer Pathway

Anoka-Ramsey Community College

Bachelor in Arts with a major in BIOCHEMISTRY

ARCC Courses	Credits	Saint Mary's Courses
CHEM 1061 Principles of Chemistry I	4	C131/133 General Chemistry I & Lab
CHEM 1062 Principles of Chemistry II	4	C142/144 General Chemistry II & Lab
CHEM 2061 Organic Chemistry I	4	C321/323 Organic Chemistry I & Lab
CHEM 2062 Organic Chemistry II	4	C325/326 Organic Chemistry II & Lab
MATH 1400 Calculus I	4	M151 Calculus I
MATH 1401 Calculus II	4	M152 Calculus II
PHYS 1327 College Physics I	4	P201/202 Intro. Physics I & Lab
PHYS 1328 College Physics II	4	P211/212 Intro. Physics II & Lab

It is recommended, but not required, that students take the following course(s) at ARCC:		
BIOL 1106 Principles of Biology I	3	B212 General Biology I: Cellular and Molecular Biology AND B223 Biology Lab Experience
BIOL 2113 Human Anatomy and Physiology I	3	B214 General Biology II: Form and Function of Animals and Plants
BIOL 1107 Principles of Biology II	3	B216 General Biology III: Ecology, Evolution, and Biological Diversity

Students may transfer an unlimited amount of credit from Anoka-Ramsey Community College into Saint Mary's University of Minnesota. Upon transferring into Saint Mary's, students are required to meet all graduation requirements. The courses listed above meet specific requirements of the Chemistry program, and are part of the ARCC/SMUMN transfer pathway. Students are strongly encouraged to meet with a Saint Mary's adviser to discuss how to optimize transfer credit. All courses must be completed with a C- or better to transfer, however the first three courses above must be completed with a C or better to count towards the Biochemistry major at Saint Mary's.

A.A. Degree Credit Breakdown	Credits	
Completion of MnTC Requirements	32	Meets General Education Requirements
Total Credits Transferred for A.A. Degree	60	

Major courses remaining to complete B.A. in Biochemistry	Credits
B212 General Biology I: Cellular and Molecular Biology*	3
B214 General Biology II: Form and Function of Animals and Plants*	3
B216 General Biology III: Ecology, Evolution, and Biological Diversity*	3
B223 Biology Lab Experience*	1
C331 Physical Chemistry I with Lab	4
C341 Quantitative Chemical Analysis with Lab	4
C409 Biochemistry with Lab	4
C412 Molecular Biology with Lab	4
C443 Chemistry Seminar	1
C445 Chemistry Research: Planning	1
C446 Chemistry Research: Experience	1
C447 Chemistry Research: Thesis	1
One Elective (B310, B311, C332, C441)**	3-4

Remaining graduation requirements for B.A. degree	Credits
Approved Theology	3
INT499: Capstone	3

Minimum Total Credits completed at Saint Mary's University	**30**
Total General Elective Credits needed for Degree Completion***	30
Total minimum number of credits completed as part of A.A.	60
Total Credits for B.A. in Chemistry Degree	**120**

*If not completed at Anoka-Ramsey Community College.

**BIOL 2202 Genetics or BIOL 2208 Cell Biology will fulfill an elective for the Biochemistry major at Saint Mary's University.

***General Electives credits can be taken at ARCC, Saint Mary's University of Minnesota, or any other regionally accredited institution.