A.A. Transfer Pathway

Minneapolis College

Bachelor in Arts with a major in BIOCHEMISTRY

MC Courses	Credits	Saint Mary's Courses
CHEM 1151 Principles of Chemistry I	4	C131/133 General Chemistry I & Lab
CHEM 1152 Principles of Chemistry II	4	C142/144 General Chemistry II & Lab
CHEM 2204/2224 Organic Chemistry I & Lab	4	C321/323 Organic Chemistry I & Lab
CHEM 2205/2225 Organic Chemistry II & Lab	4	C325/326 Organic Chemistry II & Lab
MATH 1180 Calculus I	4	M151 Calculus I
MATH 1190 Calculus 2	4	M152 Calculus II
PHYS 1211 Physics for Sci. and Eng. 1	4	P201/202 Intro. Physics I & Lab
PHYS 1221 Physics for Sci. and Eng. 2	4	P211/212 Intro. Physics II & Lab

It is recommended, but not required, that students take the following course(s) at MC:		
BIOL 2200 Biology 1	3	B212 General Biology I: Cellular and Molecular Biology AND B223 Biology Lab Experience
BIOL 2202 Biology 2	3	B216 General Biology III: Ecology, Evolution, and Biological Diversity

Students may transfer an unlimited amount of credit from Minneapolis 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 MC/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 taken at Minneapolis College

**Students can get credit for B214 by taking both BIOL 2224 Anatomy *and* BIOL 2225 Physiology at Minneapolis College.

***Students may apply CHEM 2410/2420 Analytical Chemistry towards the Biochemistry major at Saint Mary's University.

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