



Bachelor in Arts with a major in CHEMISTRY

NCC Courses	Credits	Saint Mary's Courses
CHEM 1061 Principles of Chemistry 1	4	C131/133 General Chemistry I & Lab
CHEM 1061 Principles of Chemistry 1	4	C142/144 General Chemistry II & Lab
CHEM 2061 Organic Chemistry 1	4	C321/323 Organic Chemistry I & Lab
CHEM 2062 Organic Chemistry 2	4	C325/326 Organic Chemistry II & Lab
MATH 1510 Calculus 1	4	M151 Calculus I
MATH 1520 Calculus 2	4	M152 Calculus II
PHYS 1121 Physics 1 for Scientists and Eng.	4	P201/202 Intro. Physics I & Lab
PHYS 1122 Physics 2 for Scientists and Eng.	4	P211/212 Intro. Physics II & Lab

Students may transfer an unlimited amount of credit from Normandale 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 NCC/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 Chemistry 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 Chemistry	Credits
C331 Physical Chemistry I with Lab	4
C332 Physical Chemistry II with Lab	4
C341 Quantitative Chemical Analysis with Lab	4
C451 Inorganic Chemistry with Lab	4
C443 Chemistry Seminar	1
C445 Chemistry Research: Planning	1
C446 Chemistry Research: Experience	1
C447 Chemistry Research: Thesis	1
Two Electives (M251*, C400-405, C409, C412, C428, C432, C441, C460, C496, C497)	6

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

*MATH 2510 Calculus 3: Multivariable Calculus will fulfill one of the two electives for the Chemistry major at Saint Mary's University.

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