



Saint Mary's
University
of MINNESOTA

A.A. Transfer Pathway
Central Lakes College

Bachelor in Arts with a major in CHEMISTRY

| CLC Courses | Credits | Saint Mary's Courses |
|--------------------------------------|----------------|-------------------------------------|
| CHEM 1424 Chemical Principles I | 4 | C131/133 General Chemistry I & Lab |
| CHEM 1425 Chemical Principles II | 4 | C142/144 General Chemistry II & Lab |
| CHEM 2472 Organic Chemistry I | 4 | C321/323 Organic Chemistry I & Lab |
| CHEM 2473 Organic Chemistry II | 4 | C325/326 Organic Chemistry II & Lab |
| MATH 1477 Calculus I or MATH 1480 | 4 | M151 Calculus I |
| MATH 1478 Calculus II | 4 | M152 Calculus II |
| PHYS 1411 Classical Physics I & Lab | 4 | P201/202 Intro. Physics I & Lab |
| PHYS 1412 Classical Physics II & Lab | 4 | P211/212 Intro. Physics II & Lab |

Students may transfer an unlimited amount of credit from Central Lakes 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 CLC/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 2458 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 CLC, Saint Mary's University of Minnesota, or any other regionally accredited institution.