



College of Science & Engineering

Department of Chemistry & Biochemistry

Transfer Guide – AS Chemistry to BS Chemistry ACS Approved

Transfer Process

All Minneapolis Community & Technical College (MCTC) transfer students seeking a Bachelor of Science (BS) Chemistry ACS Approved should follow the admission procedures at www.stcloudstate.edu/transfer to be admitted to St. Cloud State University (SCSU). A student must first be accepted to St. Cloud State and then may apply to the ACS Chemistry major after meeting the major's admission requirements.

Requirements for Admission to the ACS Chemistry Major

- Major GPA of 2.0 or higher
- C- or better in all major courses

Courses that will transfer from Minneapolis Community & Technical College to St. Cloud State University Major, Emphasis, Restricted and unrestricted electives or other:

Minneapolis Community & Technical College Courses	St. Cloud State University Courses
CHEM 1151 & 1152 – Principles of Chemistry I & II	CHEM 210 & 211 – General Chemistry I & II
CHEM 2205 & 2225 & – Organic Chemistry I & II	CHEM 310 & 311 – Organic Chemistry I & II
CHEM 2410 & 2420 – Analytical Chemistry & Instrumentation Theory & Lab and CHEM/BIOT 2320** Regulatory Affairs & QC Lab	CHEM 350 – Quantitative Analysis (** If CHEM/BIOT 2320 is taken without CHEM 2410 & 2420, it will be considered as University Elective)
PHYS 1211 & 1221 – Physics for Science & Engineering 1 & 2	PHYS 234 & 235 – Classical Physics I & II
MATH 1180 & 1190 – Calculus I & II	MATH 221 & 222 – Calculus I & II

The following courses are *suggested* for particular *Minnesota Transfer Curriculum (MnTC)-General Education* * :

Minneapolis Community & Technical College Courses	St. Cloud State University Courses
ENGL1110 and ENGL 1111 College Composition & Research and Composition for Change	ENGL 191 – Intro to Rhetorical & Analytical Writing
CMST 1000 – Introduction to Communication Studies	CMST 192 – Introduction to Communication Studies

*Must select courses from at least six (6) goal areas of the MnTC. If a student completes a Goal within the MnTC, the same Goal will be completed at St. Cloud State once transferred. ** Students who successfully completed PHYS 1317 and 1318 from ARCC will have to take PHYS 328 (Modern Physics) from SCSU. Alternatively, students may choose to go into **Biochemistry BS** degree program at SCSU.

Additional Requirements to Graduate with an ACS Approved BS Chemistry from St. Cloud State

- Completion of 10 Goals (40 credits) in the MnTC (known as the Liberal Education Program at SCSU)
- Up to 60 credits from ARCC applied towards the BS Chemistry ACS Approved at SCSU. Students need to complete 60 remaining credits at SCSU

Please refer to www.transfer.org for up-to-date information on course equivalencies.

The information in this guide is subject to change without notice.

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