



Transfer Program Guide
St. Charles Community College
Associate of Science in Chemistry (AS) to
Bachelor of Science (BS) in Chemistry

St. Charles Community College students who plan to transfer to Truman State University with the Associate of Science degree are strongly encouraged to prepare for transfer by completing the courses listed below. By following this plan for degree completion, students are assured that they will be able to transfer without loss of credit or duplication of courses, that they will complete prerequisites for later course work, and that they will be prepared to make a smooth transition from St. Charles to Truman.

Suggested Degree Plan			
First Semester at SCC		Second Semester at SCC	
MAT 180 Calculus I ^{#*}	5	MAT 230 Calculus II ^{#*}	5
ENG 101 English Comp. I ^{#*}	3	ENG 102 English Comp II [#]	3
CHM 115 General Chemistry I ^{#*}	5	CHM 116 General Chemistry II ^{#*}	5
HIS 101 or HIS 102 U.S. History ^{#*}	3	COM 101 Oral Communication ^{#*}	3
Total	16	Total	16
Third Semester at SCC		Fourth Semester at SCC	
CHM 240 Organic Chemistry I ^{#*}	3	CHM 241 Organic Chemistry II ^{#*}	3
CHM 222 Quantitative Analysis ^{#*}	4	CHM 243 Organic Chem. Lab ^{#*}	2
PHY 250 Engineering Physics I ^{#*}	5	PHY 251 Engineering Physics II ^{#*}	5
Foreign Language Course [*]	4	Foreign Language Course [*]	4
		Social Science Elective ^{#*}	3
Total	16	Total	17
Total Credits for AS Degree			65
# Course is required for A.S. in Chemistry			
* Course fulfills a requirement for B.S. in Chemistry			

Suggested Degree Plan			
First Semester at Truman		Second Semester at Truman	
CHEM 323 Physical Chemistry I	3	CHEM 325 Physical Chemistry II	3
CHEM 324 Physical Chem. I Lab	2	CHEM 326 Physical Chem. II Lab	2
MATH 264 Calculus III	3	CHEM 322 Instrumental Analysis	5
STAT 190 Basic Statistics	3	JINS 3xx Junior Interdisciplinary Seminar	3
CHEM 245 Soph. Chem. Seminar	1	LSP Qualitative Mode Course	3
CHEM 345 Junior Chem. Seminar	1		
Total	13	Total	16
Third Semester at Truman		Fourth Semester at Truman	
CHEM 445 Senior Chem. Seminar	1	CHEM 4xx Advanced Topic	3-4
CHEM 473 Inorganic Chemistry	3	CHEM 310 Modern Methods in Biochemistry	2
CHEM 474 Inorganic Chem. Lab	2	Upper-Level Elective (300+)	3
Personal Well-Being Requirement	2-3	Free Elective	3
LSP Qualitative Mode Course	3	CHEM 335 Biochemistry I: Structure and Function	3
Upper-Level Elective (300+)	3		
Total	14-15	Total	14-15
Total Truman Credits for B.S. Degree Completion			58

Questions? Contact Ted Frushour
 Transfer Programs Coordinator
 Center for Academic Excellence
 Kirk 112B (660) 785-7403
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Notes

The above document is an example plan and is not a substitute for academic advising. Writing and Math placement may impact a student's degree plan. All prospective transfer students are encouraged to both seek advising at their home institution and to contact the Truman State University Transfer Programs Coordinator when questions arise.

Completion of the above plan will put a transfer student on pace to complete the B.S. in Chemistry at Truman State University in two years, assuming satisfactory academic progress. A student transferring without all of the above courses may require more time to complete the degree.

Foreign Language:

All students at Truman State University are required to demonstrate elementary proficiency in one foreign language, which requires up to two semesters to complete. All transfer students are recommended to begin their language study as early as possible, to ensure a smooth path to graduation.

Biology Minor:

Chemistry majors who elect to pursue the minor in Biology at Truman may use BIO 150 and BIO 151, taken at St. Charles, towards the minor, waiving the requirement to complete at least 11 credits in Biology minor coursework in residence at Truman.

Other Graduation Requirements:

Any student obtaining a Bachelor's degree in Chemistry from Truman must:

- Complete 12 credits of 300-level or above chemistry credits from Truman.
- Achieve at least a "C" in each of the courses listed as Major requirements. A minimum GPA of 2.0, with no more than 5 credits of "D," is required for all courses listed previously as Required Support and Bachelor of Science requirements.
- Score at or above the 20th percentile on the nationally-normed senior exam (DUCK).
- Complete the University's Senior Portfolio Project.

In order to graduate with a Bachelor's degree, all students at Truman State University are required to satisfy the following:

- A 2.0 minimum cumulative GPA (unless a higher requirement is specified), a 2.0 minimum GPA in all coursework completed at Truman, and a 2.0 major GPA
- 120 total credits
- 40 credits of upper-level courses (courses numbered 300+)
- 45 credits must be completed in residence, 28 of which must immediately precede completion of requirements for the degree, 15 of which must be major requirements
- The Truman Week requirement is waived for all transfer students.
- Completion of the Liberal Studies Program (LSP). LSP requirements can be found in the Truman State University catalog.
- 63 credits of courses with the Liberal Arts and Sciences (LAS) designation. A list of LAS-designated courses can be found in the Truman State University Catalog.
- A detailed explanation of the above graduation requirements for a Bachelor's degree can be found in the Truman State University catalog at [http://catalog.truman.edu/content.php?catoid=13&navoid=631#Bachelor s Degree Requirements](http://catalog.truman.edu/content.php?catoid=13&navoid=631#Bachelor_s_Degree_Requirements).

SCC Contact: Enrollment Services, 636-922-8241

Truman Contact: Ted Frushour, 660-785-5766; Kimberly Titus, 660-785-4143; Dr. Brian Lamp, 660-785-4598.