Fresno City College

UCTP CHEMISTRY
Associate in Science for Transfer

2024-2025

Name: _____
ID: _____
Date: _____
Counselor Contact: _____

Major Requirements: 69 units
A grade of "C" or better is required in the following courses

ASSOCIATE IN SCIENCE FOR TRANSFER (F.6321.AS-T)	C-ID	Units	Completed	In Progress	Planned
CHEM 1A, General Chemistry I	CHEM 120S	5			
CHEM 1B, General Chemistry II	CHEM 120S	4			
CHEM 28A, Organic Chemistry I	CHEM 160S	3			
CHEM 28B, Organic Chemistry II	CHEM 160S	3			
CHEM 29A, Organic Chemistry Laboratory I	CHEM 160S	2			
CHEM 29B, Organic Chemistry Laboratory II	CHEM 160S	2			
PHYS 4A, Physics for Scientists and Engineers	PHYS 200S	4			
PHYS 4B, Physics for Scientists and Engineers	PHYS 200S	4			
PHYS 4C, Physics for Scientists and Engineers	PHYS 200S	4			
MATH 5A, Mathematical Analysis I	MATH 210	5			
MATH 5B, Mathematical Analysis II	MATH 220	4			
MATH 6, Mathematical Analysis III	MATH 230	4			
MATH 7, Introduction to Differential Equations	MATH 240	4			
IGETC General Education Requirements					
AREA 1A, Freshman Composition		3			
AREA 1B, Critical Thinking		3			
AREA 3, Arts Humanities		3			
AREA 4, Social and Behavior Sciences		3			
AREA 5B, Biological Science		4			
AREA 6A, Language other than English		0-4			

Notes:

1. An Associate in Science in Chemistry for UC Transfer is designed for students who plan to complete a bachelor's degree in a similar major at a UC campus. Within the Associate in Science in Chemistry for

UC Transfer program, students learn how to apply appropriate theories and techniques to solve quantitative and qualitative problems. The program develops students' ability to collect, record, organize, analyze, critically evaluate, and interpret chemical information and data. The program also develops computational and critical thinking skills, and effective scientific communication. These skills and set of knowledge are valuable to students transferring to a UC to major in Chemistry. It also enhances students' preparation to earn a graduate degree as well as for a wide range of rewarding careers.

2. **This degree guarantees admission into the University of California system in a Chemistry program for students who meet the minimum 3.5 GPA in the major.**
    a. Completion this degree does not guarantees admission to any specific University of California Chemistry program.
3. **Completion of this degree includes the IGETC units for the areas listed above.**
    a. The completion of the full IGETC General education requirements will continue after transfer to the University of California campus. This will include two courses in Area 3 and two courses in Area 4.
4. Some of the above courses may have prerequisites. See the catalog or schedule of classes.
5. All courses must be completed with a "C" or better.
6. For more information on university admission and transfer requirements, students should consult a counselor.