Chemical Technology Certificate

This program map represents one possible path for completing this program. **Please see a counselor** to create an educational plan that is customized to meet your needs. This path is not a guarantee of course availability or financial aid applicability.

Catalog: 2026-27

Total Units: 26-28

Start Term: Fall

First Year

Semester 1

8 Units

CAT.	COURSE	TITLE	UNIT
Maj	CHEM 400 +	General Chemistry I	5
ME		Major Elective *	3

+Prerequisite for CHEM 400: CHEM 300 with a grade of "C" or better completed within one year prior to enrollment in CHEM 400 or placement through the assessment process (ACS California Chemistry Diagnostic Exam) completed within one year prior to enrollment in CHEM 400 AND Intermediate Algebra or equivalent (Integrated Math 3) with a grade of "C-" or better

*Major Elective - A minimum of 3 units from the following (select one course): BUS 310+, ENGL C1000^, ENGWR 488(H)+, ESLW 340+

+Prerequisite for BUS 310: BUS 100, ENGL C1000 or ESLW 340 with a grade of "C" or better

^If you don't place directly in ENGL C1000 (check your eServices account), you will need to take ENGWR 80/ENGL C1000 combo course.

+Prerequisite for ENGL 488(H): Placement through assessment process; or ESL 325 (Advanced-Low Integrated Reading and Writing) with a grade of "C" or better

+Prerequisite for ESLW 340: ESL 325 with a grade of "C" or better; or, for students not previously enrolled in ESL writing courses within the Los Rios district, placement through the Los Rios assessment process

Semester 2

5 Units

CAT.	COURSE	TITLE	UNIT
Maj	CHEM 401 +	General Chemistry II	5

+Prerequisite for CHEM 401: CHEM 400 with a grade of "C" or better

Legend

- **(H)** - Honors
- **Elec** - Elective
- **GE** - General Education
- **Maj** - Required Core
- **ME** - Major Elective

Disclaimer

Every effort has been made to ensure that what is listed in the SCC Program Paths are accurate. The courses, the course sequencing, and the programs are subject to change without notice by the administration of the Los Rios Community College District and Sacramento City College at the discretion of the district and Sacramento City College. Further, Sacramento City College reserves the right to amend any course or program.

PLEASE SEE AN SCC COUNSELOR.

Certificate of Achievement Requirements

Certificates of Achievement require a grade of "C" or better in each major course.

Important Links

- SCC General Counseling
- Chemistry

Second Year

Semester 3

4-5 Units

CAT.	COURSE	TITLE	UNIT
ME	CHEM 420+ / 425+	Organic Chemistry I	4-5

+Prerequisite for CHEM 420 & CHEM 425: CHEM 401 with a grade of "C" or better

Semester 4

9-10 Units

CAT.	COURSE	TITLE	UNIT
GE	CHEM 421+* / 426+*	Organic Chemistry II	4-5
Maj	CHEM 410+**	Quantitative Analysis	5

+Prerequisite for CHEM 421: CHEM 420 with a grade of "C" or better

+Prerequisite for CHEM 426: CHEM 420 or 425 with a grade of "C" or better

***Students who choose to take CHEM 420 in the previous semester must complete CHEM 421 this semester. Students who choose to take CHEM 425 in the previous semester must complete CHEM 426 this semester.**

+Prerequisite for CHEM 410: CHEM 401 with a grade of "C" or better

****CHEM 410 is only offered during the spring semester.**

Published May 16, 2026

- Science, Math, & Engineering Meta Majors