



# Chemical Technician, Beginning Certificate - Pathway 1

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:** 2023-24

**Total Units:** 16.5-24

## First Year

### Semester 1

8-11 Units

CAT.	COURSE	TITLE	UNIT
Maj	CHEMT 201	Careers in Chemical Technology	2
ME		*Major Elective	3-4
ME		**Major Elective	3-5

\*Major Elective - A minimum of 3 units from the following: BUS 100, BUS 310+, ENGWR 300+/488(H), ENGWR 302+/482(H), ESLW 340+

**+Prerequisite for BUS 310:** BUS 100, ENGWR 300, or ESLW 340 with a grade of "C" or better

**+Prerequisite for ENGWR 300:** Placement through assessment process; students who don't place directly in ENGWR 300 (check your e-Services account), will need to take ENGWR 80/ENGWR 300 combo course.

**+Prerequisite for ENGWR 302:** ENGWR 300, ENGWR 488, or ESLW 340 with a grade of "C" or better

**+Prerequisite for ESLW 340:** ESL 325 with a grade of "C" or better or placement through assessment process

\*\*Major Elective - A minimum of 3 units from the following: (CISA 305+ and CISA 315 and CISC 300) **OR** CISC 310

**+Prerequisite for CISA 305:** CISC 300 or 310 with a grade of "C" or better

### Semester 2

8.5-13 Units

CAT.	COURSE	TITLE	UNIT
ME		*Major Elective	4-5
ME		**Major Elective	1
ME		***Major Elective	3
Maj	WEXP 498	Work Experience in (Subject)	0.5-4

\*Major Elective - A minimum of 4 units from the following: CHEM 300+, CHEM 305+, CHEM 306+, CHEM 309+

**+Prerequisite for CHEM 300, CHEM 305 & CHEM 309:** Elementary Algebra with a grade of "C" or better, or placement through the assessment process

**+Prerequisite for CHEM 306:** CHEM 305 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 course with a minimum of 12 units completed at Sacramento City College.

### Counselor Notes

This program has many Chemistry prerequisites. Students are encouraged to contact a counselor for course sequence adjustments.

### Department Notes

- There are two pathways students can take to receive the beginning chemical technician certificate:
- Pathway 1 is recommended for students who only want to attain the beginning chemical technology certificate to begin working in industry.
- Pathway 2 is recommended for students who plan pursue an Associate in Science degree in Chemistry or preparing to transfer.

**\*\*Major Elective** - A minimum of 1 unit from the following: CHEMT 301^, CHEMT 429+, WEXP 498

**^Corequisite for CHEMT 301:** CHEM 300

**+Prerequisite for CHEMT 429:** CHEM 410 with a grade of "C" or better

**\*\*\*Major Elective** - A minimum of 3 units from the following: BUS 330, COMM 325, ETHNS 300, SOC 321

## Important Links

[SCC General Counseling](#)

[Chemistry](#)

[Science, Math, & Engineering Meta Majors](#)

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