



Chemical Technology A.S. Degree - Local GE

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: 2025-26

Total Units: 60-63

First Year

Semester 1

14-15 Units

CAT.	COURSE	TITLE	UNIT	GE AREA
Maj	CHEM 400 ⁺	General Chemistry I	5	SCC Local Area L5
GE	INDIS 313* / HCD 310	Life Development Skills	3	SCC Local Area L7B
ME	ENGL C1000** / ENGWR 488 ^H / ESLW 340	Academic Reading & Writing	3-4	SCC Local Area L1A
GE		Ethnic Studies	3	SCC Local Area L6

+ 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

*First-time college students who would like to participate in First-Year Experience (FYE) should take INDIS 313. All other students can take HCD 310 or speak with a counselor regarding their choices.

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

Semester 2

15 Units

CAT.	COURSE	TITLE	UNIT	GE AREA
Maj	CHEM 401 ⁺	General Chemistry II	5	
GE		Physical Education	1	SCC Local Area L7A
GE		*Mathematical Concepts & Quantitative Reasoning	3	SCC Local Area L2

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.

AA/AS Requirements

Associate Degrees require the following:

1. Completion of a minimum of 60 degree-applicable units with an overall grade point average (GPA) of 2.0 ("C" average). A minimum of 12 units must be completed within the Los Rios Community College District.

CAT.	COURSE	TITLE	UNIT	GE AREA
GE		Social & Behavioral Sciences	3	SCC Local Area L4
Elec		**Elective	3	

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

*Choose one of the recommended courses under your STEM placements. (Check your eServices account.) Meet with a counselor for recommended Math options.

**Electives may include any courses numbered 100-499. Meet with a counselor to discuss potential elective course options.

Second Year

Semester 3

16-17 Units

CAT.	COURSE	TITLE	UNIT	GE AREA
ME	CHEM 420 ^{*+} / 425 ^{*+^}	Organic Chemistry I	4-5	
GE		Oral Communication & Critical Thinking	3	SCC Local Area L1B
Elec		**Elective	3	
Elec		**Elective	3	
Elec		**Elective	3	

*Major Elective: (CHEM 420 and CHEM 421) or (CHEM 425 and CHEM 426) Choose CHEM 420 or CHEM 425 this semester.

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

^Advisory for CHEM 425: Concurrent enrollment in CHEM 317

**Electives may include any courses numbered 100-499. Meet with a counselor to discuss potential elective course options.

Semester 4

15-16 Units

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

2. Completion of each required course with a grade of "C" or better for a major offered at Sacramento City College.

3. Completion of Sacramento City College's local AA/AS degree general education requirements – Area L1A and L1B; Area L2; Area L3; Area L4; Area L5; Area L6; Area L7A and L7B – with an overall 2.0 GPA.

Students with Advanced Placement (AP) and International Baccalaureate Credit (IB) test scores should notify their Counselor to learn more about how test scores may be used for credit.

Exception: Students who possess a bachelor's (BA/BS) or higher degree from a college or university accredited through a regional accrediting agency recognized by the Council for Higher Education Accreditation (CHEA) are deemed to have satisfied both the general education and graduation competency requirements for an AA/AS degree. Degrees from accredited institutions outside of the US will be evaluated on a case-by-case basis.

Placement Information

Check your eServices account under "Academic Records" to determine your Math and English placements.

General Education

Meet with your counselor to discuss the appropriate GE pattern for your individual

CAT.	COURSE	TITLE	UNIT	GE AREA
GE		Arts & Humanities	3	SCC Local Area L3
Elec		***Elective	3	

*Major Elective: Students who choose to take CHEM 420 in a previous semester must complete CHEM 421 this semester. Students who choose to take CHEM 425 in a previous semester must complete CHEM 426 this semester.

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

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

^Advisory for CHEM 426: Concurrent enrollment in CHEM 317

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

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

*****Electives may include any courses numbered 100-499. Meet with a counselor to discuss potential elective course options.**

transfer/graduation goals - AA/AS or Cal-GETC.

Counselor Notes

- **All AA-Ts and AS-Ts are designed to transfer to CSUs in most majors. Students who wish to transfer to a UC are strongly encouraged to meet with a counselor to determine additional major requirements.**
- **AA/AS Degrees: See a counselor to ensure that you will have completed all of your local graduation requirements.**
- **Math – you may have other options for transfer level math; check with your counselor.**

Important Links

- [SCC General Counseling](#)
- [Chemistry](#)
- [Science, Math, & Engineering Meta Majors](#)