



# Food Science and Technology A.S. Degree

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: 2024-25

Total Units: 64-66

## First Year

### Semester 1

16-17 Units

CAT.	COURSE	TITLE	UNIT	AA/AS GE
Maj	CHEM 400 <sup>+</sup>	General Chemistry I	5	IV
Maj	MATH 400 <sup>+</sup>	Calculus I	5	IIB
GE	ENGWR 300 <sup>*</sup> / 488 / ESLW 340	College Composition	3-4	IIA
Maj	NUTRI 300 / 480 <sup>H</sup>	Nutrition	3	IIIB

**+ Prerequisite for CHEM 400:** CHEM 300 with a grade of "C" or better or through the CHEM assessment AND Intermediate Algebra, High School Integrated Math 3, or equivalent with a grade of "C" or better

**+Prerequisite for MATH 400:** Math 372 and 373 with grades of "C" or better or placement through the assessment process

\*If you don't place directly in ENGWR 300 (check your e-Services account), you will need to take ENGWR 80/ENGWR 300 combo course.

### Semester 2

16 Units

CAT.	COURSE	TITLE	UNIT	AA/AS GE
Maj	CHEM 401 <sup>+</sup>	General Chemistry II	5	
Maj	MATH 401 <sup>+</sup>	Calculus II	5	
Maj	NUTRI 335	Principles of Food Science	3	
GE		Humanities	3	I

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

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

## Second Year

### Semester 3

17 Units

CAT.	COURSE	TITLE	UNIT	AA/AS GE
Maj	CHEM 423 <sup>+</sup>	Organic Chemistry - Short Survey	5	

### 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.

**THIS MAP IS CREATED BASED ON CATALOG REQUIREMENTS. MANY OF THE MATH AND SCIENCE COURSES HAVE PREREQUISITES AND MAY TAKE LONGER TO COMPLETE THAN THE SEQUENCE OF THIS MAP.**

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 at Sacramento City College.
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 general education requirements – Area I; Area II(a) and II(b); Area III(a) and III(b), or Area III(c); Area IV; Area V; and Area VI – with an overall 2.0 GPA.
4. Completion of all three competency requirements (reading, writing, and

CAT.	COURSE	TITLE	UNIT	AA/AS GE
Maj	BIOL 402 <sup>+</sup>	Cell and Molecular Biology	5	
Maj	PHYS 350 <sup>+</sup>	General Physics	4	
GE	HIST 310 / 311 / 320 / 321 / 327 / 483 <sup>H</sup> / 484 <sup>H</sup> / 485 <sup>H</sup> / 486 <sup>H</sup> / 487 <sup>H</sup>	History of the United States (To 1877)	3	VA/VI

+ **Prerequisite for CHEM 423:** CHEM 401 with a grade of "C" or better

+ **Prerequisite for BIOL 402:** CHEM 400 with a grade of "C" or better

+ **Prerequisite for PHYS 350:** High School Trigonometry or a course with equivalent Trigonometry content or MATH 373 with a grade of "C" or better

## Semester 4

15-16 Units

CAT.	COURSE	TITLE	UNIT	AA/AS GE
Maj	BIOL 440 <sup>+</sup>	General Microbiology	4	
Maj	PHYS 360 <sup>+</sup>	General Physics	4	
ME	STAT 300 <sup>+</sup> / 480 / PSYC 330 / ECON 310 <sup>+</sup>	Introduction to Probability and Statistics	3-4	
GE		Social & Behavioral Sciences	3	VB
GE		Physical Education	1	IIIA

+ **Prerequisite for BIOL 440:** CHEM 305 or CHEM 309 or CHEM 400 or equivalent with a grade of "C" or better

+ **Prerequisite for PHYS 360:** PHYS 350 with a grade of "C" or better

\*If you don't place directly in STAT 300 (check your e-Services account), you will need to take STAT 10/PSYC 330 or STAT 10/STAT 300 combo course.

+ **Prerequisite for ECON 310:** Intermediate Algebra or the equivalent with a grade of "C" or better

mathematics).

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

Support courses required for English and Math per placement. **Check your e-Services account under "Academic Records" to determine your placements.**

## Important Links

[SCC General Counseling](#)  
[Nutrition & Food Science Department](#)  
[Health & Health Professions Meta Majors](#)