Food Science and 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: 2026-27

Total Units: 66-68

First Year

Semester 1

16-17 Units

CAT.	COURSE	TITLE	UNIT	GE AREA
Maj	CHEM 400 +	General Chemistry I	5	SCC Local Area L5
Maj	MATH 400 +*	Calculus I	5	SCC Local Area L2
ME	NUTRI 300 / 480 H	Nutrition	3	
GE	ENGL C1000 ** / 488 H+ / ESLW 340 +	Academic Reading and Writing	3-4	SCC Local Area L1A

+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

+Prerequisite for MATH 400: MATH 372 & MATH 373; or MATH 375 with a grade of "C" or better; or through the placement process (check your eServices account)

*Students who do not place directly into MATH 400 (check your eServices account) must complete the prerequisite or take MATHS 60/MATH 400 combo course. Options depend on STEM placement and prior math preparation. Meet with a counselor for guidance.

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

+Prerequisite for ENGL 488: ESL 325 with a grade of "C" or better, or placement through the assessment process

+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

16 Units

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

CAT.	COURSE	TITLE	UNIT	GE AREA
Maj	CHEM 401 +	General Chemistry II	5	
Maj	MATH 401 +	Calculus II	5	
Maj	NUTRI 335	Principles of Food Science	3	
GE		Oral Communication & Critical Thinking	3	SCC Local Area L1B

+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

Summer Term

6 Units

CAT.	COURSE	TITLE	UNIT	GE AREA
GE		Arts and Humanities	3	SCC Local Area L3
GE		Social & Behavioral Sciences	3	SCC Local Area L4

Second Year

Semester 3

14 Units

CAT.	COURSE	TITLE	UNIT	GE AREA
Maj	CHEM 423 +	Organic Chemistry - Short Survey	5	
Maj	BIOL 402 +	Cell and Molecular Biology	5	
Maj	PHYS 350 +	General Physics	4	

+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

14-15 Units

CAT.	COURSE	TITLE	UNIT	GE AREA
Maj	BIOL 440 +	General Microbiology	4	
Maj	PHYS 360 +	General Physics	4	

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.**
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 general education requirements – Area L1A and L1B; Area L2; Area L3; Area L4; Area L5; and Area L6 – 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 the general education 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

CAT.	COURSE	TITLE	UNIT	GE AREA
ME	STAT C1000* / C1000H / PSYC 330 / ECON 310+	Major Elective	3-4	
GE		Ethnic Studies	3	SCC Local Area L6

+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 C1000 (check your eServices account), you will need to take STAT 10/PSYC 330 or STAT 10/STAT C1000 combo course. STAT 10/PSYC 330 combo course is only offered during the spring term.

+Prerequisite for ECON 310: Intermediate Algebra or equivalent (Integrated Math 3) with a grade of "C-" or better

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

Important Links

- SCC General Counseling
- Nutrition & Food Science Department
- Health & Health Professions Meta Majors