

Food Science Major Requirements

Department of Food Science and Technology, University of California

4-Year Sample Plan

(Academic plans may vary from student to student. See major advisor for personal guidance)

Freshman Year

Fall	(units)	Winter	(units)	Spring	(units)
General Chemistry CHE2A	5	General Chemistry CHE2B	5	General Chemistry CHE2C	5
Calculus MAT17A	4	Calculus MAT17B	4	Calculus MAT17C	4
CA&ES English Requirement	4	Nutrition NUT10	3	Intro Biology BIS 2A	5
GE or Elective	2	GE or Elective	3	GE or Elective	2
	(15)		(15)		(16)46

Sophomore Year

Fall	(units)	Winter	(units)	Spring	(units)
Organic Chemistry CHE8A	2	Organic Chemistry CHE8B	4	Biology (Structure) BIS102	3
General Physics PHY7A	4	General Physics PHY7B	4	General Physics PHY7C	4
Statistics STA 13	4	Intro MIC 102	3	GE or Elective	4
Food Preservation FST50*	3	GE or Elective	4	GE or Elective	4
	(13)		(15)		(15) 43

Junior Year

Fall	(units)	Winter	(units)	Spring	(units)
Food Chemistry FST100A*	4	Food Phys Chem FST100C*	4	Food Micro Lab FST104L*	4
Food Chem. Lab FST101A*	3	Food Physics Lab FST101B*	3	Seminar FST 190*	1
Sensory Exp. Design FST117*	4	Sensory Science FST127*	4	CA&ES English Requirement	4
Bioenergetics BIS103	3	Food Micro FST 104*	3	Restricted Elective	3
		GE or Elective	2	Restricted Elective	4
	(14)		(16)		(16)46

Senior Year

Fall	(units)	Winter	(units)	Spring	(units)
Food Processing FST110*	4	Food Analysis FST103*	4	Food Proc. Lab FST 110L*	2
Restricted Elective	4	Restricted Elective	3	Restricted Elective	4
GE or Elective	4	GE or Elective	4	GE or Elective	4
GE or Elective	4	GE or Elective	4	GE or Elective	4
	(16)		(15)		(14)45

180 units required for graduation; see [university degree requirements](#).

Courses marked with an asterick (*) are offered once a year and should be taken in sequential order. Prerequisites will be enforced.

- **General Education (GE):** Courses beyond the scope and focus of a specific major that explore broad subject areas.
- **Restricted Electives:** Pre-approved courses that provide depth and breadth of knowledge in one or more specialty areas related to food science.
- **Electives:** Open to undergraduate courses in the UC Davis catalog. These courses may or may not count towards GE or Restricted Elective credit. Students may pick and choose courses based on personal interests or professional goals.

Important Message

Academic plans and advising recommendations may differ from student to student depending on various factors including transfer credit, AP/IB exam scores, workload preference, study abroad credit, and/or summer session enrollment. For complete and accurate information regarding your personal academic plan, please contact the BFTV Advising Center at bftvadvising@ucdavis.edu or make an appointment online at appointments.ucdavis.edu.