

Major Offered Through:

**CORVALLIS**

## Umpqua Community College

### Food Science and Sustainable Technologies

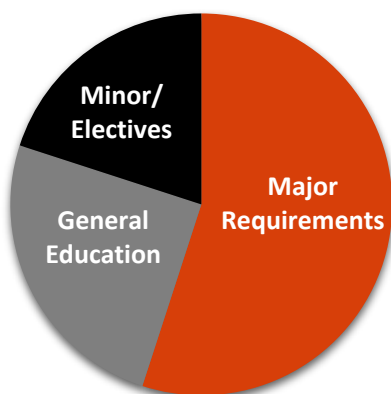
As Alton Brown says, "All food is science," and nothing could be truer. Food science, and related technologies, are at the heart of the development and delivery of safe, appealing and convenient food products, at every step from the farm gate to the food marketer. The academic program integrates principles and concepts in the physical, biological and engineering sciences, and applies them to the scientific and technological aspects

of food processing. Graduates are well prepared to address the complex undertaking of assuring an abundant, high quality, nutritious and sustainable food supply.

Options available:

- Enology and Viticulture
- Fermentation Science
- Food Science

### Your Bachelor's Degree (BS) in the College of Agricultural Sciences



- A minimum of 180 credits are required for graduation; 60 must be upper division (300 and 400-level courses).
- A maximum of 135 transfer credits may be applied toward a bachelor's degree at OSU.
- Only courses with letter prefixes and numbers above 100 can be accepted.
- Options available. See "Important Notes".
- See the OSU Catalog for a list of courses required for your major and option: [catalog.oregonstate.edu](http://catalog.oregonstate.edu)

### Courses for this Major (Offered at Umpqua Community College)

This list is **not** comprehensive. Speak with an OSU advisor for more information.

*Priority courses to complete before transferring are distinguished by <sup>P</sup>*

[Major] Core Requirement	[CC] Equivalent Course	OSU Courses	Notes
Technical Writing	WR 227Z	WR 227Z	
Public Speaking	COM 111Z	COMM 111Z	
General Chemistry	CH 221Z/CH 227Z CH 222Z/CH 228Z CH 223/CH 229Z	CH 221Z/CH 227Z CH 222Z/CH 228Z CH 223Z/ CH 229Z	≥C- required
Organic Chemistry	CH 241 CH 243 CH 242	CH 331 CH 332 CH 337	≥C- required
Principles of Biology	BI 221Z BI 222Z	BI 221Z BI 222Z	≥C- required
Physics	PH 201	PH 201	≥C- required

	PH 211	PH 211/221	
Differential Calculus	MTH 251Z	MTH 251Z	≥C- required
Integral Calculus	MTH 252Z	MTH 252Z	
Nutrition	FN 225	NUTR 225	
Soil Science	SOIL 205 & SOIL 206	SOIL 205 & SOIL 206	Enology & Viticulture

## Important Notes & Resources

### Important Notes for the College and Major:

- Grade requirements: see [College Link] for more information.
- See a sample degree plan by searching “[Major]” at [admissions.oregonstate.edu/find-your-major](https://admissions.oregonstate.edu/find-your-major)
- Option required. Select from: [1], [2], [3].
- Optional options. May select from: [1], [2], [3].
- Other similar majors to explore: [1], [2], [3].
- [Classes] and some Core Education are priority courses to complete before transferring to OSU.
- For [Major] students, the best time to transfer is [Term] term, particularly due to the [Major] series courses. Talk with an OSU advisor about your specific timeline.
- It is important to speak with your [Specific Advisor] early on, and often, to ensure correct course selection and sequencing.

### Resources and OSU Information:

- Students do not have to complete a transfer degree in order to transfer to OSU.
- If you’ve completed the Oregon AAOT or ASOT, all lower division Core Ed requirements are considered complete.
- If you’ve completed to CTM (Core Transfer Map) or an MTM (Major Transfer Map), all lower division Core Ed requirements are considered complete except Difference, Power and Oppression Foundations.
- Preparing to apply to OSU? See admissions info: [transfer.oregonstate.edu/applying-oregon-state-university](https://transfer.oregonstate.edu/applying-oregon-state-university)
- Want to take classes at both OSU and an Oregon community college? Check out the Degree Partnership Program: [partnerships.oregonstate.edu/students](https://partnerships.oregonstate.edu/students)
- Visit OSU for a campus tour and meet with an advisor; schedule your visit at [visitosu.oregonstate.edu](https://visitosu.oregonstate.edu)
- Find more transfer student resources at [transfer.oregonstate.edu](https://transfer.oregonstate.edu).

## Core Education Requirements

- Please note, Core Education ("Core Ed"), include the general education requirements for students admitted to OSU Summer 2025 and onward. Students admitted Spring 2025 and earlier should refer to the Baccalaureate Core and/or their advisor for guidance.
- For full listing of courses that fulfill Core Education requirements, please refer to <https://transfer.oregonstate.edu/oregon-and-hawaii-course-articulations> and search for the Oregon CC you are attending.

FOUNDATIONAL CORE	Writing Foundations	WR 121Z
	Arts and Humanities: General	
	Arts and Humanities: Global	NUTR 216 (Also counts towards FST electives)
	Quantitative Literacy and Analysis	Automatically covered by required FST math classes
	Communication, Media and Society	COMM 111Z
	Social Science	
	Scientific Inquiry and Analysis (2 courses)	Automatically covered by FST chem and Biology classes
	Difference, Power and Oppression Foundations	FST 265 (option to fulfill requirement)
SIGNATURE CORE	Transitions	CORE 100/300
	Beyond OSU Career Prep	FST 202 covers both Beyond OSU requirements.
	Beyond OSU Career Engage	
	Difference, Power and Oppression Advanced	SUS 331
	Seeking Solutions	ANTH 361, FW 324, FSCJ 361, HORT 331, or SUS 350 double count toward FST degree
	Writing Elevation	WR 227Z double counts toward FST degree
	Writing Intensive Curriculum	FST 385 double counts toward FST degree

## Advising Contacts

It is important to speak with your OSU academic advisor early on, and often, to ensure correct course selection and sequencing.

Academic advisors at your community college and OSU are available to answer your questions and assist you in creating a transfer plan. **See your community college advisor first and use this Transfer Guide to help you plan.** Also, consider visiting OSU to take a campus tour and meet with an advisor. See [visitosu.oregonstate.edu/visit-campus](https://visitosu.oregonstate.edu/visit-campus) to schedule your personalized visit.

Umpqua Community College	<a href="https://umpqua.edu/academics/academic-resources/academic-advising/">https://umpqua.edu/academics/academic-resources/academic-advising/</a> , <a href="mailto:Advising@umpqua.edu">Advising@umpqua.edu</a>
OSU Food Science and Sustainable Technologies Contact	Head Advisor for Food Science: Sue Queisser <a href="mailto:sue.queisser@oregonstate.edu">sue.queisser@oregonstate.edu</a>
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