

Major Offered Through:

CORVALLIS

CASCADES

Umpqua Community College

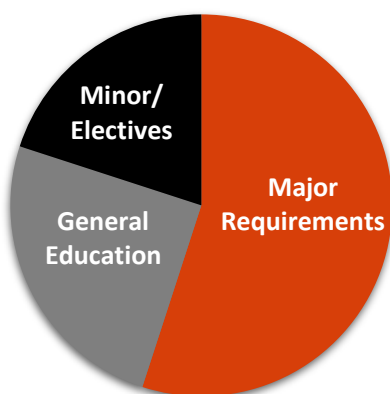
Biology

The Biology major is designed for students seeking an interdisciplinary background in life sciences. The major couples a comprehensive biological, physical and quantitative science core with a variety of electives that can be catered to meet diverse professional goals. Students in Biology are prepared for a wide variety of life sciences careers and many go on to science graduate and professional programs

Biology Options (available on Corvallis campus only)

- Ecology
- Genetics
- Marine Biology
- Physiology and Behavior
- Pre-Dentistry
- Pre-Education
- Pre-Medicine
- Pre-Veterinary Medicine

Your Bachelor's Degree (BS) in the College of Science



- 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

Courses for this Major (Offered at Umpqua Community College)

This list is comprehensive. Speak with an OSU advisor for more information.

Priority courses to complete before transferring are distinguished by ^P

Biology Core Requirement	UCC Equivalent Course	OSU Courses	Notes
Mathematics ^P	MTH 111Z, 112Z, 251Z, 252Z	MTH 111Z, 112Z, 251Z, 252Z	Math placement determines where students begin in math. Please speak to your UCC advisor.
General Chemistry ^P	CH 221Z/227Z, 222Z/228Z, 223Z/229Z	CH 221Z/227Z, 222Z/228Z, 223Z/229Z	
Principles of Biology ^P	BI 221Z, 222Z, 223Z	BI 221Z, 222Z, 223Z	Courses in Biology sequence now transfer course by course. Prior BI211, 212, 213 - need full year to transfer.
Physics	PH 201, 202, 203	PH 201, 202, 203	
Organic Chemistry	CH 241, 242, 243	CH 331, 332, 337	Must pass the ACS organic exam offered as part of UCC course to receive upper division credit: https://chemistry.oregonstate.edu/undergraduate/transfer-students/organic-chemistry-transfer-policies#UGOCCC
Writing Elevation	WR 227Z	WR 227Z	
Communication	COMM 111Z	COMM 111Z	

Important Notes & Resources

Important Notes for the College and Major:

- Grade requirements: C- or better in all lower division math, biology, chemistry, and organic chemistry coursework.
- See a sample degree plan here: [Biology Sample Plan](#)
- Option not required and available to Corvallis campus students only. Students can select from: Ecology, Genetics, Marine Biology, Physiology and Behavior, Pre-Dentistry, Pre-Education, Pre-Dentistry, Pre-Medicine, Pre-Veterinary Medicine.
- Other similar majors to explore: Zoology, Biochemistry and Molecular Biology, and Microbiology
- Math, Chemistry, Biology and some Core Education are priority courses to complete before transferring to OSU.
- For Biology students, the best time to transfer is fall term, particularly due to the required three term science series courses. Talk with an OSU advisor about your specific timeline.
- It is important to speak with your College of Science Transfer 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 except for Synthesis Courses and Writing Intensive Courses.
- 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
- Want to take classes at both OSU and an Oregon community college? Check out the Degree Partnership Program: partnerships.oregonstate.edu/students
- Visit OSU for a campus tour and meet with an advisor; schedule your visit at visitosu.oregonstate.edu
- Find more transfer student resources at 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	many options, see Core Ed link above
	Arts and Humanities: Global	many options, see Core Ed link above
	Quantitative Literacy and Analysis	Completed as part of the major
	Communication, Media and Society	COMM 111Z
	Social Science	many options, see Core Ed link above
	Scientific Inquiry and Analysis (2 courses)	Completed as part of the major
	Difference, Power and Oppression Foundations	many options, see Core Ed link above
SIGNATURE CORE	Transitions	
	Difference, Power and Oppression Advanced	Completed as part of the major
	Seeking Solutions	many options, see Core Ed link above
	Writing Elevation	WR 227Z
	Writing Intensive Curriculum	Completed as part of the major

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 meeting with an OSU transfer advisor (see email below) and visiting OSU to take a campus tour. See visitosu.oregonstate.edu/visit-campus to schedule your visit.

Umpqua Community College Advising	https://umpqua.edu/academics/academic-resources/academic-advising/
College of Science Transfer Questions	COS-TransferQuestions@oregonstate.edu
College of Science Science Success Center (for general questions)	sciencesuccess@oregonstate.edu 541-737-3854
OSU Biology Website	https://ib.oregonstate.edu/