TRANSFER GUIDE FOR OREGON STATE UNIVERSITY

Major Offered Through:

CORVALLIS

Portland Community College

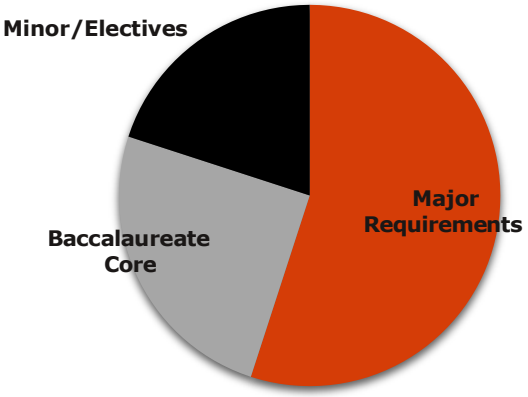
Biochemistry & Biophysics **Admitted to OSU prior to Summer 2025 only**

Biochemistry & Biophysics provides a degree path centered on the chemistry and physics of life processes with training that integrates the principles of chemistry, physics, mathematics, statistics, biochemistry, cell and molecular biology, and biological sequence analysis. Biochemists explore the chemical structure of living matter and the chemical reactions occurring in living cells. Biophysicists use the methods of physical science to study the structure and function of macromolecules. Biochemistry and Biophysics majors receive excellent training for careers in medicine and related health professions, biotechnology and pharmaceutical industries, or for graduate study. Completion of an option is **required** to earn a degree in Biochemistry & Biophysics.

Biochemistry & Biophysics Options*
(**option required)*

- Advanced Biophysics
- Neuroscience
- Pre-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 credits earned at a community college may be applied toward a bachelor's degree at OSU.
- Only courses with letter prefixes and numbers above 100 can be accepted.
- Some courses can count towards your major and the Baccalaureate Core. Check with your advisor.
- 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 Portland Community College)

Priority courses to complete before transferring are distinguished by [P]

Requirement	PCC Course	OSU Courses for Biochemistry & Biophysics Majors	Notes
Mathematics [P]	MTH 111Z, 112Z, 251Z, 252Z, 254	MTH 111Z, 112Z, 251Z, 252Z, 254	Math placement determines where students begin in math. Please speak to your PCC 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	PHY 211, 212, 213	PH 211, 212, 213	
Organic Chemistry	CH 241, 242, 243	Satisfying ochem transfer requirement will fulfill BB requirement for CH 334, 335, 336	Must pass the ACS organic exam offered as part of PCC course to receive upper division credit: https://chemistry.oregonstate.edu/content/organic-chemistry-transfer-policies#UGOCCC

Oregon State University

Important Notes & Resources

Important Notes for the College and Major:

- Grade requirements: C- or better in all lower division math, biology, and chemistry coursework
- See a sample degree plan by searching "Biochemistry and Biophysics" at admissions.oregonstate.edu/find-your-major
- Option required. Select from: Advanced Biophysics, Neuroscience, and Pre-Medicine
- Other similar majors to explore: Biochemistry and Molecular Biology and Biology with a Genetics option
- Math, Chemistry, Biology and some Baccalaureate Core are priority courses to complete before transferring to OSU.
- For Biochemistry & Biophysics students, the best time to transfer is fall term, particularly due to the required three term science series courses.
- It is important to speak with a College of Science 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, all requirements of the Baccalaureate Core are complete except for Synthesis Courses and Writing Intensive Courses.
- Preparing to apply to OSU? See admissions info: oregonstate.edu/admissions/transfer.html
- 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/visit-campus

General Education Courses (called the Baccalaureate Core)

- Complete one course in each Perspectives category with no more than two in the same department.
- For full listing of courses that fulfill Baccalaureate Core, please refer to https://admissions.oregonstate.edu/baccalaureate-core-course-equivalencies-portland-community-college

SKILLS COURSES	Math Writing I Writing II Speech Fitness	Completed as part of major. WR 121Z required to transfer. Many options, see BaccCore link above Many options, see BaccCore link above HPE 295
PERSPECTIVE COURSES	Biological Science Physical Science Additional Biological or Physical Science Cultural Diversity Literature and the Arts Social Processes and Institutions Western Culture	Many options, see BaccCore link above Completed as part of major Completed as part of major Many options, see BaccCore link above Many options, see BaccCore link above Many options, see BaccCore link above Many options, see BaccCore link above
DPD COURSE	Difference, Power, & Discrimination	Many options, see BaccCore link above
SYNTHESIS COURSES	Contemporary Global Issues Science, Technology, & Society	Upper division course, take through OSU Upper division course, take through OSU

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.

Advising Contacts & Resources

Portland Community College	https://www.pcc.edu/advising/
College of Science Transfer Questions	COS-TransferQuestions@oregonstate.edu
COS Science Success Center	sciencesuccess@oregonstate.edu, 541-737-3854
OSU Biochemistry & Biophysics Website	https://biochem.oregonstate.edu