

# TRANSFER GUIDE FOR OREGON STATE UNIVERSITY

Major Offered Through:

CORVALLIS

Clackamas  
Community College

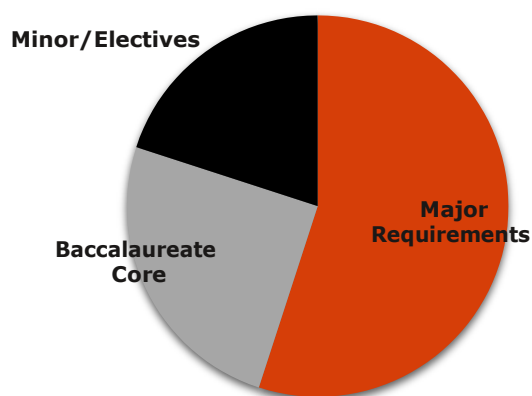
## Chemistry

Students benefit from world-class chemistry faculty, an illustrious tradition of research and teaching in addition to state-of-the-art laboratories. Nationally and internationally ranked in many research areas, the Chemistry Department is a national leader in discovering new chemical approaches to improve the environment, curing disease and identifying solutions to global climate change and sustainable and clean energy applications.

Chemistry Options\*  
(\*option required)

- Advanced Chemistry
- Advanced Biochemistry
- Biochemistry
- Business
- Chemistry Education
- Chemical Engineering
- Environmental Chemistry
- Forensic Science
- Materials Science
- Pre-Medicine

## Your Bachelor's Degree (BS or BA) 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](http://catalog.oregonstate.edu)

## Courses for this Major (offered at Clackamas Community College)

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

| Requirement                    | CCC Course                           | OSU Courses for Chemistry Majors                  | Notes  |
|--------------------------------|--------------------------------------|---|--|
| Mathematics <sup>P</sup>       | MTH 251, MTH 252, MTH 253, MTH 254   | MTH 251, MTH 252, MTH 253 (some options), MTH 254 | Math placement determines where students begin math. Please speak to your CCC advisor.   |
| General Chemistry <sup>P</sup> | CH 221, 222, 223                     | CH 231/261, 232/262, 233/263                      | Lecture & lab for Chemistry have separate course numbers at OSU  |
| Principles of Biology          | BI 211, 212, 213                     | BI 221, 222, 223                                  | Students should take the entire series at either CCC or OSU. <b>Individual terms do not match between the two schools.</b>   |
| Physics                        | PH 201, 202, 203 or PH 211, 212, 213 | PH 201, 202, 203 or PH 211, 212, 213              | The calculus-based series (PH 21X) is required for only some CH majors (depending on option selected)  |
| Organic Chemistry              | CH 241, 242, 243                     | CH 331, 332, 337                                  | Must pass the ACS organic exam offered as part of CCC course to receive upper division credit: <a href="https://chemistry.oregonstate.edu/content/organic-chemistry-transfer-policies">https://chemistry.oregonstate.edu/content/organic-chemistry-transfer-policies</a> |



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 "Chemistry" at [admissions.oregonstate.edu/find-your-major](https://admissions.oregonstate.edu/find-your-major)
- Option required. Select from: Advanced Chemistry, Advanced Biochemistry, Biochemistry, Business, Chemistry Education, Chemical Engineering, Environmental Chemistry, Forensic Science, Materials Science, Pre-Medicine.
- Other similar majors to explore: Physics, Mathematics, Biochemistry & Biophysics, Food Science & Technology, and Microbiology.
- Math, Chemistry and some Baccalaureate Core are priority courses to complete before transferring to OSU.
- For Chemistry 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](https://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](https://partnerships.oregonstate.edu/students)
- Visit OSU for a campus tour and meet with an advisor; schedule your visit at [visitosu.oregonstate.edu/visit-campus](https://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-clackamas-community-college>

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

## Advising Contacts

|  |   |
|--|---|
| <b>Clackamas Community College</b>           | <a href="https://www.clackamas.edu/academics/academic-support/academic-advising-and-education-planning">https://www.clackamas.edu/academics/academic-support/academic-advising-and-education-planning</a> |
| <b>College of Science Transfer Questions</b> | <a href="mailto:COS-TransferQuestions@oregonstate.edu">COS-TransferQuestions@oregonstate.edu</a>  |
| <b>COS Science Success Center</b>            | <a href="mailto:sciencesuccess@oregonstate.edu">sciencesuccess@oregonstate.edu</a> , 541-737-3854   |
| <b>OSU Chemistry Website</b>                 | <a href="https://chemistry.oregonstate.edu/content/curricula">https://chemistry.oregonstate.edu/content/curricula</a>   |