Major Offered Through:

Tillamook Bay 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

- 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 124 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 Tillamook Bay Community College)

Priority courses to complete before transferring are distinguished by "

<table>
<thead>
<tr>
<th>Requirement</th>
<th>TBCC Course</th>
<th>OSU Courses for Chemistry Majors</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mathematics (^p)</td>
<td>MTH 251, MTH 252, MTH 254</td>
<td>MTH 251, MTH 252, MTH 254</td>
<td>Math placement determines where students begin in math. Please speak to your TBCC advisor</td>
</tr>
<tr>
<td>Principles of Biology</td>
<td>BI 211, 212, 213</td>
<td>BI 211, 212, 213</td>
<td>Students should take the entire series at either TBCC or OSU. Individual terms do not match between the two schools.</td>
</tr>
</tbody>
</table>
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
- 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. Talk with the College of Science Transfer Advisor about your specific timeline.
- It is important to speak with the 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, 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-tillamook-bay-community-college

<table>
<thead>
<tr>
<th>SKILLS COURSES</th>
<th>Math</th>
<th>Writing I</th>
<th>Writing II</th>
<th>Speech</th>
<th>Fitness</th>
</tr>
</thead>
<tbody>
<tr>
<td>PERSPECTIVE COURSES</td>
<td>Biological Science</td>
<td>Physical Science</td>
<td>Additional Biological or Physical Science</td>
<td>Cultural Diversity</td>
<td>Literature and the Arts</td>
</tr>
<tr>
<td>DPD COURSE</td>
<td>Difference, Power, &amp; Discrimination</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SYNTHESIS COURSES</td>
<td>Contemporary Global Issues</td>
<td>Science, Technology, &amp; Society</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Completed as part of major.
Completed as part of major.
Completed as part of major.
Completed as part of major.
Completed as part of major.
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.
Many options, see BaccCore link above.
Many options, see BaccCore link above.
Many options, see BaccCore link above.
Many options, see BaccCore link above.
Many options, see BaccCore link above.
Many options, see BaccCore link above.

It is important to speak with the College of Science Transfer 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 to schedule your personalized visit.

Advising Contacts

| Tillamook Bay Community College | https://tillamookbaycc.edu/programs-services/career-education-advising/ |
| OSU College of Science Transfer Advisor | Melissa Lee, Melissa.Lee@oregonstate.edu, 541-737-3522 |
| OSU Science Success Center | sciencesuccess@oregonstate.edu, 541-737-3854 |
| OSU Chemistry Website | https://chemistry.oregonstate.edu/content/curricula |