### Bioresource Science

Bioresource Research students acquire research experience and broadly based knowledge in interdisciplinary fields of agricultural, environmental, food, health and forest sciences. Many become industrial or academic research professionals in science, while others will enter graduate and professional schools in the life sciences or become secondary school science teachers.

Each student chooses an option and completes upper-division interdisciplinary coursework, as well as mentored research, writes a thesis and gives a seminar.

### Your Bachelor’s Degree (BS) in Bioresource 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 are accepted.
- More info at: [agsci.oregonstate.edu/degree/bioresource-research](agsci.oregonstate.edu/degree/bioresource-research)

### Courses Required for Bioresource Science Major

<table>
<thead>
<tr>
<th>BRR Core Requirements</th>
<th>BMCC Course</th>
<th>OSU Course</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Biology</strong></td>
<td>BI 211</td>
<td>BI LD2</td>
<td>Students should take the entire series at either Umpqua CC or OSU. <strong>Individual terms do not match between the two schools.</strong></td>
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<td></td>
<td>BI 212</td>
<td>BI LD2</td>
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<tr>
<td></td>
<td>BI 213</td>
<td>BI LD2</td>
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<tr>
<td><strong>General Chemistry</strong></td>
<td>CH 221</td>
<td>CH 231/261</td>
<td>Lecture &amp; lab for 200-level Chemistry have separate Course numbers at OSU</td>
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<tr>
<td></td>
<td>CH 222</td>
<td>CH 232/262</td>
<td></td>
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<tr>
<td></td>
<td>CH 223</td>
<td>CH 233/263</td>
<td></td>
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<tr>
<td><strong>Organic Chemistry</strong></td>
<td>CH 241</td>
<td>CH 332</td>
<td>Must pass the ACS organic exam offered as part of BMCC course to receive upper division credit: <a href="chemistry.oregonstate.edu/content/organic-chemistry-transfer-policies#UGOCCC">chemistry.oregonstate.edu/content/organic-chemistry-transfer-policies#UGOCCC</a></td>
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<tr>
<td></td>
<td>CH 243</td>
<td>CH 333</td>
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<td></td>
<td>CH 242</td>
<td>CH 337</td>
<td></td>
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<tr>
<td><strong>Mathematics</strong></td>
<td>MTH 251</td>
<td>MTH 251</td>
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<td>MTH 252</td>
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<tr>
<td><strong>General Physics</strong></td>
<td>PHY 201</td>
<td>PH 201</td>
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<td>PHY 202</td>
<td>PH 202</td>
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<td>PHY 203</td>
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<td><strong>Ethics</strong></td>
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<td>PHL 205</td>
<td>Available online at OSU</td>
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<tr>
<td><strong>Writing</strong></td>
<td>WR 227</td>
<td>WR 327 (LD)</td>
<td>(LD): Transfers as lower division credit</td>
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<tr>
<td><strong>Communication</strong></td>
<td>COM 111</td>
<td>COMM 111</td>
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</table>
General Education Courses (called the Baccalaureate Core)

- Complete one course in each Perspective category with no more than two in the same department.
- Full listing of BMCC courses that fulfill Bacc Core requirements: admissions.oregonstate.edu/baccalaureate-core-course-equivalencies-blue-mountain-community-college

<table>
<thead>
<tr>
<th>SKILLS COURSES</th>
<th>Math</th>
<th>Writing I</th>
<th>Writing II</th>
<th>Speech (Writing III)</th>
<th>Fitness (HHS 231 and 241)</th>
<th>Completed as part of major WR 121. Required to transfer. Completed as part of major HPE 295</th>
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<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>
<td>Social Processes and Institutions</td>
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<tr>
<td>DPD COURSE</td>
<td>Difference, Power, &amp; Discrimination</td>
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<tr>
<td>SYNTHESIS COURSES</td>
<td>Contemporary Global Issues</td>
<td>Science, Technology, &amp; Society</td>
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Advising Contacts

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. It is important to speak with your OSU academic advisor early on, and often, to ensure correct course selection and sequencing. See visitosu.oregonstate.edu/visit-campus to schedule your personalized visit.

<table>
<thead>
<tr>
<th>Blue Mountain Community College</th>
<th>bluecc.edu/enrollment-services/advising</th>
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<tbody>
<tr>
<td>OSU College of Agricultural Sciences Student Advisor</td>
<td>Wanda Crannell 541-737-2999 <a href="mailto:Wanda.crannell@oregonstate.edu">Wanda.crannell@oregonstate.edu</a></td>
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