Rangeland sciences is the study and sustainable management of rangelands across a variety of biomes, from arid deserts, to mesic grasslands, to tropical savannahs. The program takes an interdisciplinary approach to provide advanced scientific knowledge regarding multiple ecological processes and social drivers influencing rangeland ecosystems around the globe.

Students gain the skills and knowledge needed to fully understand and effectively manage rangelands.

Students may select an option from:
- Habitat Management
- Pastoral Systems of the World
- Sustainable Livestock Ranching
- Sustainable Rangeland Ecosystem Stewardship

### Your Bachelor’s Degree (BS) in Rangeland Sciences

<table>
<thead>
<tr>
<th>Rangeland Science Core Requirements. This list is not comprehensive. Contact an OSU advisor for more information</th>
<th>Equivalent PCC Course</th>
<th>OSU Course</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calculus for Management &amp; Social Sci.</td>
<td>MTH 241</td>
<td>MTH 241</td>
<td></td>
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<tr>
<td>Principles of Statistics</td>
<td>MTH 243</td>
<td>ST 201</td>
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<table>
<thead>
<tr>
<th>Biology</th>
<th>Equivalent PCC Course</th>
<th>OSU Course</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intro to Biology</td>
<td></td>
<td>BI 204, BI 205, BI 206</td>
<td></td>
</tr>
<tr>
<td>Principles of Biology</td>
<td>BI 211, BI 212, BI 213</td>
<td>BI LD2, BI LD2, BI LD2</td>
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</tbody>
</table>

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 are accepted.

More info at: [agsci.oregonstate.edu/degree/rangeland-sciences-bs](agsci.oregonstate.edu/degree/rangeland-sciences-bs)

| Chemistry | CH 221, CH 222, CH 223 | CH 121, CH 122, CH 123 |
| Communication | COMM 111, COMM 112, COMM 218 | COMM 111, COMM 114, COMM 218 |
| Technical Writing | WR 227 | WR 327 (LD) |
| Intro to Wildland Ecology | | RNG 121 |
| Soil Science | | SOIL 205/206, CSS 205 |

(LD) = Lower division transfer

Complete one(1) course

Complete one(1) option

Available online at OSU

| Field Sampling of Fish and Wildlife | | FW 255 |
| Applied Animal Nutrition | | ANS 313 |

Available online at OSU

### Courses Required for Rangeland Sciences Major: Option specific

Note: Students are not required to complete an option

| Habitat Management | |
| Natural Resources Management | Other courses available, speak with advisor |
### 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 Portland CC courses that fulfill Bacc Core requirements: [admissions.oregonstate.edu/baccalaureate-core-course-equivalencies-portland-community-college](admissions.oregonstate.edu/baccalaureate-core-course-equivalencies-portland-community-college)

#### SKILLS COURSES

- Math
- Writing I
- Writing II
- Speech (Writing III)
- Fitness (HHS 231 and 241)

#### PERSPECTIVE COURSES

- Biological Science
- Physical Science
- Additional Biological or Physical Science
- Cultural Diversity
- Literature and the Arts
- Social Processes and Institutions
- Western Culture

#### DPD COURSE

- Difference, Power, & Discrimination

#### SYNTHESIS COURSES

- Contemporary Global Issues
- Science, Technology, & Society

#### Important Notes & Resources

- See a [sample degree plan](#) by searching "Rangeland Sciences” in the OSU Catalog at catalog.oregonstate.edu. Or find a sample degree plan on the Rangeland Science Fact Sheet [agsci.oregonstate.edu/degree-fact-sheet/rangeland-sciences](agsci.oregonstate.edu/degree-fact-sheet/rangeland-sciences).
- Rangeland Sciences offers 4 options which allow students to specialize. The options are Habitat Management, [Pastoral Systems of the World](#), Sustainable Livestock Ranching, and [Sustainable Rangeland Ecosystem Stewardship](#). More details can be found by searching "Rangeland Sciences” in the OSU Catalog at catalog.oregonstate.edu.
- Other similar majors to explore: Animal Sciences, Zoology. Check out all OSU programs at catalog.oregonstate.edu.
• 100 and 200 level and lower division Baccalaureate Core are priority courses to complete before transferring to OSU.
• For Rangeland Science students, the best time to transfer is fall term, particularly due to the Rangeland Science series courses. Talk with an OSU advisor about your specific timeline.
• It is important to speak with the Rangeland Science Advisor Dodi Reesman early on, and often, to ensure correct course selection and sequencing. Dodi can be reached at dodi.reesman@oregonstate.edu

**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 transfer student admissions info: transfer.oregonstate.edu
- 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

### 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. To schedule a visit, go to Corvallis campus: visitosu.oregonstate.edu/visit-campus and LaGrande campus: https://www.eou.edu/admissions/visit/.

<table>
<thead>
<tr>
<th>Portland Community College</th>
<th>pcc.edu/advising/</th>
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<tbody>
<tr>
<td>OSU College of Agricultural Sciences Student Advisor</td>
<td>Dodi Reesman 541-737-4761 <a href="mailto:Dodi.reesman@oregonstate.edu">Dodi.reesman@oregonstate.edu</a></td>
</tr>
</tbody>
</table>

OSU College of Agricultural Sciences prohibits discrimination in all its programs, services, activities, and materials.