Major Offered At:

CORVALLIS  ECampus

Klamath Community College

Crop and Soil Science

Want to get your hands dirty while making a difference? Our students work on solving the most complex agricultural and natural resource problems faced in Oregon, our nation and across the globe.

Students who want to make a measurable difference in our communities are perfect candidates for a degree in either crop science or soil science. Graduates of our program are in demand across the United States.

Students must select from one option:
- Agronomy
- Plant Breeding and Genetics
- Soil Science (also available via Ecampus)

The Crop and Soil Science major in the OSU Ag Program at LaGrande will not be accepting new students effective January 1, 2022. Current students will be able to complete their major through a combination of in person, remote, and Ecampus courses through the OSU Ag Program.

Your Bachelor’s Degree (BS) in Crop and Soil Science

- 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 for Corvallis Campus: https://cropandsoil.oregonstate.edu/degree/crop-and-soil-science-bs-degree

Courses Required for Crop and Soil Science Major

<table>
<thead>
<tr>
<th>CSS Core Requirements</th>
<th>Equivalent KCC Course</th>
<th>OSU Course</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biology</td>
<td>BI 211/211L</td>
<td>BI LD2</td>
<td>-Only select one full series (either all 211-213 or all of 221-223)</td>
</tr>
<tr>
<td>Principles of Biology</td>
<td>BI 212/212L</td>
<td>BI LD2</td>
<td>-OSU now offers BI 221-223. If taking BI 211-213, you must take entire series at Klamath. Refer to <a href="https://admissions.oregonstate.edu/d1-and-id2-explained">https://admissions.oregonstate.edu/d1-and-id2-explained</a> to learn more about BI LD2 equivalency.</td>
</tr>
<tr>
<td>BI 213/213L</td>
<td>BI LD2</td>
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<tr>
<td>Intro to Crop &amp; Soil Science</td>
<td>--</td>
<td>SOIL 101</td>
<td>Available online at OSU</td>
</tr>
<tr>
<td>Soil Science</td>
<td>--</td>
<td>SOIL 205/206</td>
<td>Available online at OSU as CSS 205</td>
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</tbody>
</table>

Courses Required for Crop & Soil Science Major: Option specific coursework

<table>
<thead>
<tr>
<th>CSS Option Requirements</th>
<th>KCC Course</th>
<th>OSU Course</th>
<th>Notes</th>
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</thead>
<tbody>
<tr>
<td>Agronomy</td>
<td>CH 221/221L</td>
<td>CH 231/261</td>
<td>Lecture &amp; lab for 200-level Chemistry have separate course numbers at OSU</td>
</tr>
<tr>
<td>Chemistry</td>
<td>CH 222/222L</td>
<td>CH 232/262</td>
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<tr>
<td></td>
<td>CH 223/223L</td>
<td>CH 233/263</td>
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Updated September 2022
### Calculus

- MTH 241
- MTH 245
- MTH 251

Complete one(1) course from options
All courses listed = Available online at OSU

### Crop Ecology & Morphology

- CROP 200

Available online at OSU

### Ag and Food Management

- ARE 211
- AEC 211

Available online at OSU

### Ag and Food Marketing

- ARE 221
- AEC 221

Available online at OSU

### Economics

- ARE 250
- EC 201
- AEC 250
- ECON 201

Complete one(1) course from options
AEC 250: Available online at OSU

### General Electives

- PH 201
- WR 227
- CH 232
- CH 233
- CH 231L/232L

Complete 7-8 credits
(LD) = Lower Division Transfer
MB 230 = Available online at OSU

Must pass the ACS organic exam offered as part of KCC course to receive upper division credit: [chemistry.oregonstate.edu/content/organic-chemistry-transfer-policies](chemistry.oregonstate.edu/content/organic-chemistry-transfer-policies)

### Plant Breeding & Genetics

(cross listed with Horticulture)

<table>
<thead>
<tr>
<th>Chemistry</th>
<th>CH 121</th>
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<tr>
<td>CH 221/221L</td>
<td>CH 231/261</td>
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Only select one full sequence (either all 100-level, or 200-level)

### Math

- MTH 112
- MTH 112
- MTH 241
- MTH 245
- MTH 251

Complete one(1) course from options
All courses listed = Available online at OSU

### Plant Materials

- CROP 200

Complete one(1) course from options
All courses listed = Available online at OSU

### Soil Science

(continued on next page)

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Only select one full sequence (either all 100-level, or 200-level)

### College Algebra

- MTH 111

Minimum requirement; see TRACK for more detail below

### Crop Ecology & Morphology

- CROP 200

Other course options available post-transfer

### General Electives

- ARE 211
- ARE 250
- CH 232
- CH 233
- MTH 251
- MTH 252
- PHY 201
- PHY 202

Complete 12 credits
(LD) = Lower Division Transfer

All courses listed = Available online at OSU

If interested in pursuing graduate school, recommended for students to complete entire Physics series:
PH 201, 202, 203

If complete MTH 251 or 252, will also fulfill the MTH 111 requirement
Complete one course in each Perspective category with no more than two in the same department.

Full listing of Klamath CC courses that fulfill Bacc Core requirements: admissions.oregonstate.edu/baccalaureate-core-course-equivalencies-klamath-community-college

**SKILLS COURSES**
- Math
  - Writing I
  - Writing II
  - Speech (Writing III)
  - Fitness (HHS 231 and 241)
- Calculus
- Physics

**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 COURSE**
- Contemporary Global Issues
- Science, Technology, & Society

**Important Notes & Resources**
- See a *sample degree plan* by searching "Crop and Soil Science" in the OSU Catalog at catalog.oregonstate.edu. Or find a sample degree plan on the Crop and Soil Science Degree Fact Sheet, agsci.oregonstate.edu/degree-fact-sheet/crop-soil-science.
- Crop and Soil Science offers 3 options which allow students to specialize. The options are Agronomy, Plant Breeding and Genetics, and Soil Science. More details can be found by searching "Crop and Soil Science" in the OSU Catalog at catalog.oregonstate.edu.
- Other similar majors to explore: Horticulture, Botany, and Biology. 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 Crop and Soil Sciences students, the best time to transfer is fall term, particularly due to the Crop and Soil Science series courses. Talk with an OSU advisor about your specific timeline.
• It is important to speak with the Crop and Soil Science Advisor, Stefan Seiter, early on, and often, to ensure correct course selection and sequencing for programs offered at the Corvallis campus and via Ecampus. Stefan can be reached at stefan.seiter@oregonstate.edu.

Resources and OSU Information:
• Students do not have to complete a transfer degree in order to transfer to OSU.
  o 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/.

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<thead>
<tr>
<th>Klamath Community College</th>
<th>klamath.edu/en-US/Academics/Academic-Advisors</th>
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<tbody>
<tr>
<td><strong>OSU College of Agricultural Sciences Student Advisor</strong></td>
<td>Stefan Seiter</td>
</tr>
<tr>
<td></td>
<td>541-737-6372</td>
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<tr>
<td></td>
<td><a href="mailto:seiters@oregonstate.edu">seiters@oregonstate.edu</a></td>
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OSU College of Agricultural Sciences prohibits discrimination in all its programs, services, activities, and materials.