

Major Offered At:

Southwestern Oregon Community College

CORVALLIS

Bioresource Research

Bioresource Research students acquire research experience and broadly based knowledge in interdisciplinary fields of agricultural, environmental, food, health and forest sciences.

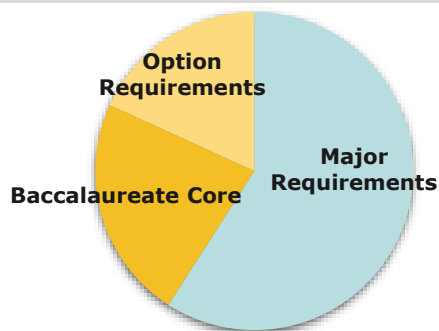
Many become industrial or academic research professionals in science, while others will enter graduate and professional schools in the life sciences or become secondary school science teachers.

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

Students must select one option below:

- Animal Reproduction and Development
- Applied Genetics
- Bioproducts and Bioengineering
- Climate and Biosystems Modeling
- Environmental Chemistry
- Food Quality
- Genomics/Bioinformatics
- Pest Biology and Management
- Plant Growth and Development
- Sustainable Ecosystems
- Toxicology
- Water Resources

Your Bachelor's Degree (BS) in Bioresource Research



- 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/bioresource-research

Courses Required for Bioresource Research Major

BRR Core Requirements List is not comprehensive. Contact an OSU advisor for more information.	SWOCC Equivalent Course	OSU Course	Notes
Biology	BI 201 BI 202 BI 203	BI LD2 BI LD2 BI LD2	Only select one full series (either all 211-213 or all of 221-223) OSU now only offers BI 221-223. If taking BI 211-213, you must take entire series at Southwestern CC. Refer to https://admissions.oregonstate.edu/ld1-and-ld2-explained to learn more about BI LD2 equivalency.
General Chemistry	CHEM 221 CHEM 222 CHEM 223	CH 231/261 CH 232/262 CH 233/263	Lecture & lab for 200-level Chemistry have separate Course numbers at OSU
Organic Chemistry	CHEM 245 CHEM 247 CHEM 246	CH 332 CH 333 CH 337	Must pass the ACS organic exam offered as part of SWOCC course to receive upper division credit: chemistry.oregonstate.edu/content/organic-chemistry-transfer-policies#UGOCCC
Mathematics	MTH 251 MTH 252	MTH 251 MTH 252	

General Physics	PH 201 PH 202 PH 203	PH 201 PH 202 PH 203	
Ethics	PHL 102	PHL 205	Available online at OSU
Writing	WR 227	WR 327 (LD)	(LD): Transfers as lower division credit
Communication	SP 111	COMM 111	

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 Southwestern Oregon CC courses that fulfill Bacc Core requirements: admissions.oregonstate.edu/baccalaureate-core-course-equivalencies-southwestern-oregon-community-college

SKILLS COURSES	Math Writing I Writing II Speech (Writing III) Fitness (HHS 231 and 241)	Completed as part of major WR 121. Required to transfer. Completed as part of major Completed as part of major PE 231
PERSPECTIVE COURSES	Biological Science Physical Science Additional Biological or Physical Science Cultural Diversity Literature and the Arts Social Processes and Institutions Western Culture	Completed as part of major Completed as part of major Completed as part of major Choose one course from BaccCore link above Choose one course from BaccCore link above Choose one course from BaccCore link above Completed as part of major
DPD COURSE	Difference, Power, & Discrimination	Choose one course from BaccCore link above
SYNTHESIS COURSES	Contemporary Global Issues Science, Technology, & Society	Upper division course, take through OSU Upper division course, take through OSU

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.

Southwestern Oregon Community College	socc.edu/services/32-curry/427-academic-transfer-advising
OSU College of Agricultural Sciences Student Advisor	Wanda Crannell 541-737-2999 Wanda.crannell@oregonstate.edu