

Major Offered At:

CORVALLIS

**Tillamook Bay
Community College**

Bioresource Research

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

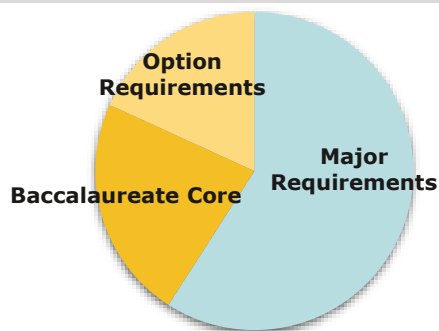
Many become industrial or academic research professionals in science, while others will enter graduate and professional schools in the life sciences or become secondary school science teachers.

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.	TBCC Equivalent Course	OSU Course	Notes
Biology	BI 211 BI 212 BI 213	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 Tillamook Bay CC. Refer to https://admissions.oregonstate.edu/ld1-and-ld2-explained to learn more about BI LD2 equivalency.
General Chemistry	-- -- --	CH 231/261 CH 232/262 CH 233/263	Lecture & lab for 200-level Chemistry have separate Course numbers at OSU
Organic Chemistry	-- -- --	CH 332 CH 333 CH 337	
Mathematics	MTH 251 MTH 252	MTH LDT MTH 252	MTH 251: will transfer in as MTH LDT: Calculus I
General Physics	--	PH 201	

	--	PH 202	
	--	PH 203	
Ethics	--	PHL 205	Available online at OSU
Writing	WR 227	WR 327 (LD)	(LD): Transfers as lower division credit
Communication	COMM 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 Tillamook Bay CC courses that fulfill Bacc Core requirements: admissions.oregonstate.edu/baccalaureate-core-course-equivalencies-tillamook-bay-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 HE 295 and PE 295
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.

Tillamook Bay Community College	tillamookbaycc.edu/programs-services/degree-partnership-program
OSU College of Agricultural Sciences Student Advisor	Wanda Crannell 541-737-2999 Wanda.crannell@oregonstate.edu