

TRANSFER GUIDE FOR OREGON STATE UNIVERSITY

Major Offered At:

CORVALLIS

ECAMPUS

**Umpqua
Community College**

Botany

The field of plant biology, which encompasses botany and plant pathology, involves the study of plants at levels of organization ranging from the molecular to the global ecosystem. Plant scientists in the 21st century will be called upon to provide information useful for producing food, fiber and medicine for an increasing population and for increasing our understanding of the diversity of plant and ecological systems and their interactions with humans.

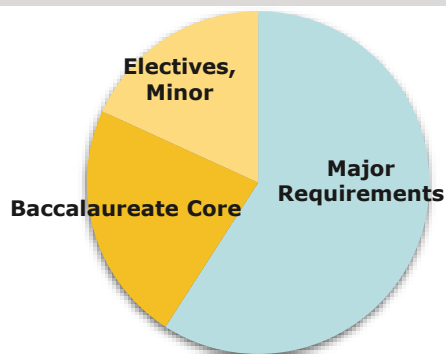
Students must select from one of these options*:

- Comprehensive Botany
- Customized option**
- Ecology, Evolution, Conservation
- Molecular, Cellular, Genomic
- Plant Pathology

*Option-specific coursework only available post-transfer

** Students will work with advisor to develop course plan for this option

Your Bachelor's Degree (BS) in Botany



- 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/botany-and-plant-pathology-main/degree/botany

Courses Required for Botany Major

This list is not comprehensive. Speak with OSU advisor for more information.

Botany Core Requirements	Umpqua CC Equivalent Course	OSU Course	Notes
Biology	--	BI 204	BI 204-206 available online to Ecampus students only; may not meet requirements for required courses in this or other programs
Introductory Biology	--	BI 205	
	--	BI 206	
Principles of Biology	BI 211 BI 212 BI 213	BI LD2 BI LD2 BI LD2	Only select one full series (either all of 204-206, all of 211-213, or all of 221-223)
Principles of Biology	--	BI 221	OSU now only offers BI 221-223. If taking BI 211-213, you must take entire series at Umpqua CC.
	--	BI 222	Refer to admissions.oregonstate.edu/ld1-and-ld2-explainer to learn more about BI LD2 equivalency
	--	BI 223	
General Chemistry	--	CH 121	CH 121-123 available online at OSU
	--	CH 122	
	--	CH 123	
	CH 221	CH 231/261	Only select one full sequence (either all 100-level, or 200-level)
	CH 222	CH 232/262	
	CH 223	CH 233/262	
Organic Chemistry	CH 241	CH 331	
	CH 243	CH 332	



**Oregon State
University**

Courses Required for Botany Major, cont.

This list is not comprehensive. Speak with OSU advisor for more information.

Botany Core Requirements, cont.	Umpqua CC Equivalent Course	OSU Course	Notes
Mathematics College Algebra Elementary Functions Elements of Discrete Math Calc for Mgmt, Social Sci Differential Calc Integral Calc	MTH 111 MTH 112 MTH 231 MTH 241 MTH 251 MTH 252	MTH 111 MTH 112 MTH LDT MTH 241 MTH 251 MTH 252	Complete 8 credits. Work with OSU advisor to discuss best course for preferred option
Additional Quantitative Skills Intro to Comp Sci I Intro to Comp Sci II GIScience I: GIS and Theory GIScience II: Analysis/Application Gen Physics Scientific Computing	CS 161 CS 162 GIS 234 GIS 235 PH 201 --	CS 161 CS 162 GEOG 360 (LD) GEOG 361 (LD) PH 201 PH 265	Complete 2(two) courses Other options available post-transfer. Work with OSU advisor for course selection CS 161/162, GEOG 360/361, PH 201: Available online at OSU
Intro to Plant Botany	--	BOT 220	Available online at OSU
Plant Structure	--	BOT 313	Available online at OSU
Plant Systematics	--	BOT 321	Available online at OSU
Plant Physiology	--	BOT 331	Available online at OSU
Lab techniques for Plant Biology	--	BOT 332	Available online at OSU
Plant Ecology	--	BOT 341	Available online at OSU

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 Umpqua CC courses that fulfill Bacc Core requirements: admissions.oregonstate.edu/baccalaureate-core-course-equivalencies-umpqua-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. Choose one course from BaccCore link above Choose one course from BaccCore link above HPE 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 Choose one course from BaccCore link above
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.

Umpqua Community College	umpqua.edu/areas-of-study/transfer-education
OSU College of Agricultural Sciences Student Advisor	Marc Curtis 541-737-5287 curtism@science.oregonstate.edu