

Major Offered Through:

CORVALLIS ECAMPUS

# Lane 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 21<sup>st</sup> 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.

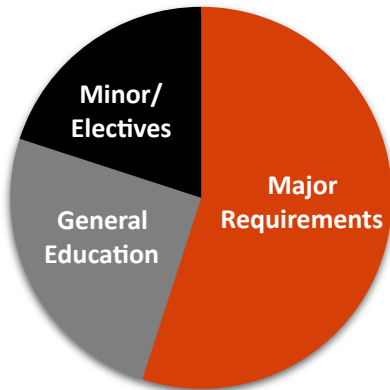
Students must select from one of these options\*:

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

\* Option-specific coursework only available post-transfer

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

## Your 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 can be accepted.
- Options available. See "Important Notes".
- See the OSU Catalog for a list of courses required for your major and option: [catalog.oregonstate.edu](http://catalog.oregonstate.edu)

## Courses for this Major (Offered at Lane Community College)

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

Priority courses to complete before transferring are distinguished by <sup>P</sup>

[Major] Core Requirement	[CC] Equivalent Course	OSU Courses	Notes
Precalculus I: Functions	MTH 111Z	MTH 111Z	
Precalculus II: Trigonometry	MTH 112Z	MTH 112Z	
Elements of Discrete Mathematics	MTH 231	MTH 231	

Calculus for Management and Social Science	MTH 241	MTH 241	
Differential Calculus	MTH 251	MTH 251	
Integral Calculus	MTH 252	MTH 252	
General Chemistry	CH 221/CH 227	CH 231/CH 261	
	CH 222/CH 228	CH 232/CH 262	
	CH 223/CH 229	CH 233/CH 263	
Organic Chemistry	CH 242	CH 331	
	CH 243	CH 332	
Intro to Computer Science II	CS 162C	CS 162	
GIScience I: Geographic Information Systems & Theory	GIS 245	GEOG 360	
General Physics	PH 201	PH 201	

## Important Notes & Resources

### 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 or ASOT, all lower division Core Ed requirements are considered complete.
- If you've completed to CTM (Core Transfer Map) or an MTM (Major Transfer Map), all lower division Core Ed requirements are considered complete except Difference, Power and Oppression Foundations.
- Preparing to apply to OSU? See admissions info: [transfer.oregonstate.edu/applying-oregon-state-university](https://transfer.oregonstate.edu/applying-oregon-state-university) ○ Want to take classes at both OSU and an Oregon community college? Check out the Degree Partnership Program: [partnerships.oregonstate.edu/students](https://partnerships.oregonstate.edu/students) ○ Visit OSU for a campus tour and meet with an advisor; schedule your visit at [visitosu.oregonstate.edu](https://visitosu.oregonstate.edu) • Find more transfer student resources at [transfer.oregonstate.edu](https://transfer.oregonstate.edu).

## Core Education Requirements

- Please note, Core Education ("Core Ed"), include the general education requirements for students admitted to OSU Summer 2025 and onward. Students admitted Spring 2025 and earlier should refer to the Baccalaureate Core and/or their advisor for guidance.

- For full listing of courses that fulfill Core Education requirements, please refer to <https://transfer.oregonstate.edu/oregon-and-hawaii-course-articulations> and look for the CC you will be attending.

FOUNDATIONAL CORE	Writing Foundations	See link above
	Arts and Humanities: General	
	Arts and Humanities: Global	
	Quantitative Literacy and Analysis	MTH 111Z or higher
	Communication, Media and Society	
	Social Science	
	Scientific Inquiry and Analysis (2 courses)	Met with biology and chemistry series
	Difference, Power and Oppression Foundations	
SIGNATURE CORE	Transitions	Cannot be transferred in.
	Difference, Power and Oppression Advanced	AG 311, ENSC/GEOG 333, FW 340, or SUS 331
	Seeking Solutions	
	Writing Elevation	
	Writing Intensive Curriculum	

## Advising Contacts

It is important to speak with your OSU academic advisor early on, and often, to ensure correct course selection and sequencing.

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.** Also, consider visiting OSU to take a campus tour and meet with an advisor. See [visitosu.oregonstate.edu/visitcampus](https://visitosu.oregonstate.edu/visitcampus) to schedule your personalized visit.

Lane CC Advising	<a href="https://www.lanec.edu/get-support/academic-support/academic-advising/advising-area-study">https://www.lanec.edu/get-support/academic-support/academic-advising/advising-area-study</a>
OSU Department of Botany Contact	Botany.Advising@oregonstate.edu
OSU College of Agricultural Sciences Main/Advising Office	Academic Programs Office casstudy@oregonstate.edu