



COLLEGE OF
ARTS AND SCIENCES

Plant Biology, Ecology and Evolution



MAJORS

Plant Biology, BS
Plant Biology: Pre-Forensics, BS
Plant Biology: Pre-Pharmacy, BS

Plant Biology: Ecology and Evolutionary Biology, BS
Plant Biology: Cell Biology & Molecular Genetics, BS
Plant Biology: Pre-Law Environmental Policy, BS

Plant Biology is a modern field of study in the Biological Sciences focused on plants. As a Plant Biology major, you will develop an appreciation for the diversity, complexity and unity of life. The study of plant biology provides the basis for the applied plant sciences that includes the development of pharmaceuticals, biofuels and improved crops. Plant Biology will prepare you for the **job market in government and industry, as well as for entry into graduate, medical and professional schools.**

PROGRAM HIGHLIGHTS

- Degree options cater for those entering medical, biotech, pharmacy, forensic and molecular biology fields, as well as conservation, environmental science, global change and environmental policy.
- The OSU Herbarium contains approximately 160,000 specimens, including many first collections, largely from Oklahoma and surrounding states. The oldest specimen dates from 1862.
- Research opportunities in ecology, genetics, physiology, taxonomy, molecular biology, bioinformatics, evolution in the field and in laboratories

CONTACT INFORMATION

Plant Biology, Ecology and Evolution
301 Physical Science
Stillwater, OK 74078
405-744-5559
plantbio.okstate.edu

to learn more, visit
cas.okstate.edu



Plant Biology



CAREER & INDUSTRY

- Pharmacist
- Wildlife & Forestry
- Doctor
- Horticulture
- Forensic Scientist
- Conservation Organizations
- Healthcare
- Insurance
- Oil, Gas & Petroleum
- Federal & State Agencies
- Education

SALARY

up to

\$82,000*

Students majoring in Plant Biology make on average between \$54,000 and \$82,000 annually.

**Figured based on figures from NACE*

GET INVOLVED

Stay active on campus while making lifelong friends. Get involved with groups, such as:

- Botanical Society
- American Medical Student Association
- CAS Student Council
- CAS Ambassadors

Oklahoma State University
Office of Undergraduate Admissions

admissions.okstate.edu | 405-744-5358

COURSES TO EXPECT

- Biological Instrumentation
- Environment and Society
- Field Botany
- Plant Molecular Biology
- Plants and People
- Plant Anatomy
- Plant Physiology

RESEARCH AND OPPORTUNITIES

- Biodiversity
- Molecular Genetics
- Plant-Insect Interactions
- Plant-Pathogen Interactions
- Plant Systematics and Taxonomy
- Research Experiences
- Honors contracts, theses and seminars

STUDENT INTERNSHIPS

Working with our Career Service advisors, you have numerous opportunities for internships. The placement may be paid or unpaid, and/or count for academic credit.

American Society of Plant Biologists

- Field Researcher
- Missouri Botanical Garden - St. Louis, MO
- Noble Research Foundation - Ardmore, OK
- Donald Danforth Plant Sciences Institute - St. Louis, MO

SCHOLARSHIPS

- American Society of Plant Biologists
- Botanical Society of America

Many scholarships are available for prospective freshmen, transfer students, current students and continuing students. For more scholarship information, please visit cas.okstate.edu/scholarships



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