



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, environmental science, and molecular biology fields**, as well as conservation, 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 1843.

Research opportunities include **ecology, genetics, physiology, genomics, molecular biology, bioinformatics, evolution** in the field and in laboratories.

CONTACT CAS

Oklahoma State University
108 Life Sciences East, Stillwater, OK 74078
405-744-4968 (4YOU) | cas.okstate.edu

CONNECT. ACHIEVE. SUCCEED.

#CAScowboys

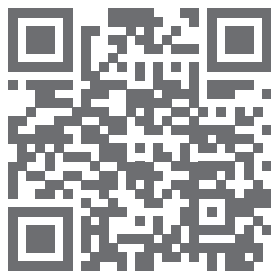


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CAREER & INDUSTRY

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



VIEW WEBSITE

plantbio.okstate.edu

301 Physical Science
Stillwater, OK 74078
405-744-5559

SCHOLARSHIPS

Undergraduate scholarship in Plant Biology

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

cas.okstate.edu/scholarships

COURSES TO EXPECT

Biological Instrumentation	Plant Physiology
Field Botany	Plant Biology
Plant Molecular Biology	Independent Research
Plants and People	General Ecology
Plant Anatomy	

RESEARCH AND OPPORTUNITIES

- Biodiversity
- Molecular Genetics
- Plant-Insect Interactions
- Plant-Pathogen Interactions
- Plant Systematics
- Research Experiences
- Genomics and Bioinformatics
- 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
- Donald Danforth Plant Sciences Institute - St. Louis, MO

GET INVOLVED

Stay active on campus while making lifelong friends.

Get involved with groups, such as:

- OSU Botanical Society
- American Medical Student Association
- CAS Student Council
- CAS Ambassadors
- Center for Sovereign Nations
- Society for the Advancement of Chicanos/Hispanics and Native Americans in Science

Oklahoma State University
Office of Undergraduate Admissions

admissions.okstate.edu | 405-744-5358