THE CURRICULUM The Bachelor of Science degree in Botany provides a strong background in the principles and concepts of biological sciences including cell and molecular biology, genetics, ecology and evolution. In addition to the breadth in biological principles, the curriculum provides depth into plant diversity, structure and function, and ecology. Students also acquire a foundation in chemistry, physics, and quantitative and computational skills.

BOTANY IS A MODERN FIELD OF STUDY IN THE BIOLOGICAL SCIENCES FOCUSED ON PLANTS. Botany majors develop an appreciation for the diversity, complexity and unity of life. The study of botany provides the basis for the applied plant sciences that includes the development of pharmaceuticals, biofuels and improved crops. Graduates are prepared for the job market in government and industry, and for entry into graduate, medical and professional schools.
OPPORTUNITIES FOR BOTANY STUDENTS

- Research Experiences
  - Field/Laboratory
  - Howard Hughes Medical Institute
  - Freshman Research Scholars Program
- Honors contracts, theses and seminars
- OSU Botanical Society

UNDERGRADUATE AWARDS AND SCHOLARSHIPS

- Wentz, Niblack, Goldwater, Udall Scholarships
- Botany Outstanding Senior Award
- Botany Merit Scholarship
- Speairs Herbarium Fellowship

CAREERS

Students interested in careers in botany should have a strong interest in the biological sciences, in general, as well as an aptitude for chemistry and mathematics. Botany majors are competitive for all types of jobs as well as for acceptance into graduate and medical schools. Plant biologists with bachelor’s degrees are regularly employed by federal and state agencies, research and development companies, research foundations and institutes, conservation organizations, natural history museums, public and private schools and colleges and universities.

RECENT GRADUATES

- Biotechnologist
- Field Botanist
- Forensic Scientist
- Greenhouse Manager
- High School Science Teacher/Counselor
- Horticulturalist
- Laboratory Technician/Analyst
- Plant Ecologist
- Graduate School
- Law School
- Medical School

COURSES

The Botany B.S. is similar to the Biological Science B.S., making it somewhat easy to double major, although this does take planning. Botany students have the option to take electives in other biological sciences and plant biology departments at OSU, depending on their interests. All Botany majors participate in undergraduate research under the mentorship of the Botany faculty. These experiences are tailored to students’ interests and career goals, and may focus on field or laboratory work, or both.

Visit our Finish-in-Four Plans at http://casstudents.okstate.edu/finish-in-four-plans