ABOUT A DEGREE IN BOTANY

A Botany student graduates with a standard Bachelor of Science degree or a Bachelor of Science in Botany degree, which is designed to prepare students for professional botanical employment or postgraduate study. Master of Science, Master of Natural Science and Doctor of Philosophy degrees are also offered to Botany students.

Botany students typically have interests in plants, the outdoors, ecology, agriculture, genetics and chemical processes. Botany students may choose to pursue a second major or minor in Microbiology, Environmental Science or Chemistry, among others.

Students interested in Botany choose one of several concentrations within the program: Plant Anatomy and Morphology, Plant Ecology, Plant Physiology, Plant Taxonomy and Systematics, Ultrastructural Morphology, Interdisciplinary Molecular Biology, Global Change Biology or Plant Molecular Biology.

RELATED SKILLS
Organize, analyze, and interpret scientific data
Make critical observations and appropriate decisions
Conduct and explain scientific research
Aptitude for accurate details
Problem solving skills
Cooperation/social responsibility skills

HIRING INSTITUTIONS
Botanical gardens and arboreta
Ecological consulting companies
Petrochemical industries
Pharmaceutical firms
National forestry agencies
Museums
Biotechnology Firms
Environmental Regulatory Agencies
Colleges and Schools
Conservation Organizations
Landscaping Management and Design Companies
Biological Supply Houses
Laboratories
Nurseries
Crop/Soil Management Firms

Horticulturist
Laboratory manager
Research technician
Biology instructor
National park service employee
Landscape manager and designer
Science columnist
Biological photographer
Conservation Expert
Science Columnist
Landscape Architect
Consultant
Crop Physiologist
Food and Drug Inspector
Forester
Journalist
Natural Resources Manager
Patent Specialist
Pharmaceutical Sales
Plant Geneticist