

**WHAT CAN I DO WITH A MAJOR IN:
PLANT BIOLOGY**

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What Activities Could Plant Biology Majors Do?

Plant biologists (botanists) research and study plants and the environment. They study the behavior, internal and external structure, mechanics, and biochemistry of plant or fungi cells. They also study the development, life processes, and economic value of plants and fungi for application in various fields. Botanists may compare healthy and diseased plants to determine agents responsible for diseased conditions. Along these lines, they study the rates of spread and intensity of plant diseases under different environmental conditions and predict disease outbreaks. Botanists can investigate the effect of rainfall, deforestation, pollution, acid rain, temperature, climate, soil, and elevation on plant or fungi growth. Some botanists study all areas of plant life, including algae, fungi, lichens, mosses, ferns, conifers, and flowering plants while others specialize in areas such as identification and classification of plants, the structure and function of plant parts, and the interaction of plants with other organisms in the environment.

What Industries Could Plant Biology Majors Explore?

Horticulture	Wholesale Growers	Government Agencies	Universities
Pharmacology	Crop Engineering/Genetics	Pest Management Companies	Laboratories

What Employers Hire Plant Biology Majors?

Bailey Nurseries, Inc.	GrassRoots Restoration, LLC	Minnesota Conservation Corps	Monsanto
National Park Service	Prairie Restorations, Inc	TruGreen LandCare	Syngenta Seeds
Wichmann Gardening Services	Winsome Orchids	Minnesota DNR	City Government
U.S Fish and Wildlife Service	Pioneer Hi-Bred International	Minnesota Dept. of Agriculture	UMore Park
Agricultural Research Service	Graham Environmental Services	Beautiful Blooms Landscape	Vintage Garden

What Are Some Full-Time Job Titles For Plant Biology Majors?

Botanist	Environmental Soil Scientist	Plant Pathologist	Research Associate
Soils/Wetland Specialist	Soil Chemistry Consultant	Environmental Researcher	Extension Specialist
Lab Technician	Biological Science Technician	Water Resources Assistant	Arborist
Director of Horticulture	Horticulturist	Horticulture Technician	Research Scientist
Ecologist	County Horticulture Assistant	Pesticide Program Assistant	Landscaper
Watercraft Inspector	Research Assistant	Field Technician	Gardener

What Are Some Useful Websites For Plant Biology Majors?

American Society of Plant Biologists Job Bank	http://www.aspb.org/jobbank/
Careers in Plant Pathology	http://www.apsnet.org/careers/careers.asp
Jobs in Horticulture	http://www.hortjobs.com/
Orion Grassroots Network	http://www.oriononline.org/pages/ogn/ics.cfm
Science Careers	http://sciencecareers.sciencemag.org/
Science Jobs	http://www.sciencejobs.com/