UNDERGRADUATE MINOR IN Plant Biology, Emphasis in Another Major

The Department of Plant Biology offers a Minor in Plant Biology to all baccalaureate students at North Carolina State University in any department except the Plant Biology Department. As the basic discipline of the plant sciences, Plant Biology involves the study of structure, function, classification, diversity, and interactions of plants. The program also provides a strong background for research in all aspects of the plant sciences and in plant molecular biology.

OBJECTIVES OF THE MINOR OR EMPHASIS IN PLANT BIOLOGY

Because we are all dependent on plants, it is important to understand and to manage this valuable resource. All students should have the opportunity to discover more about them.

This minor is designed to:
1. Give students a basic understanding of the structure, function, diversity, classification, and utilization of plants through classroom, laboratory, and field experiences.
2. Provide a strong background in basic plant science to support and complement other disciplines that interact with Plant Biology.
3. Enhance appreciation of plants for students from disciplines unrelated to Plant Biology.

PROGRAM OF STUDY

The Plant Biology minor or emphasis is composed of a minimum of 15 semester hours. This includes one required course and a minimum of 11 hours of elective courses. A description and a complete list of the courses can be found in the NCSU course catalog.

**Required Course** (4 semester hours)
- PB 200 - Plant Life (has lab) F, S, & Sum
- PB 250 - Plant Biology (has lab) F & S

**Elective Courses** (11 semester hours)
- PB 213 - Plants and Civilization (3 hrs) S only
- PB 220 - Local Flora (3 hrs) S only
- PB 222 - Kingdom of Fungi (3 hrs) F only
PB 215 - Medicinal Plants (3 hrs) F only
PB 360 - Intro. to Ecology (3 hrs) F, Sum
PB 365 - Intro. to Ecology Lab (1 hr) F, Sum
PB 400 - Plant Structure & Diversity (when offered, usually Spring)
PB 403 - Systematic Plant Biology (4 hrs) F only
PB 405 - Wetland Flora (3) F only
PB 414 - Cell Biology (3 hrs) S only
PB 421 - Plant Physiology (4 hrs) F only
PB 480 - Plant Biotechnology (3 hrs) F & S
One Special Topics Course in Plant Biology may also be used
PB 492, 493, or 495 (Maximum of 4 credit hrs.)
One graduate course in Plant Biology may be used if different subject than undergraduate courses above.

CERTIFICATION
Certification will include completion of the required courses and a minimum of 11 semester hours from the elective courses, with a minimum grade of C for each course. Courses credited to the minor cannot be taken for "credit only" with the exception that Special Topics or a Graduate course may be taken as credit only. Transfer credit will be allowed only for the PB 200 requirement. All of the elective requirements must be completed in residence.

The Undergraduate Plant Biology Major Advisor will also be the minor or emphasis advisor and shall audit, advise, and certify all minors or emphasis in Plant Biology students. This advisor is:

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