Biology Sciences provides comprehensive training in biology and the supporting sciences, exploring the structure, function, behavior, and evolution of cells, organisms, populations, and ecosystems. The BLS curriculum is designed to provide a breadth of training in the biological sciences, spanning plant and animal life across a range of levels of analysis. While this is an appropriate approach for many students, others might prefer to focus their studies within a particular sub-discipline of biology. According to their individual interests and career goals, students can opt for a general Biological Sciences degree or can choose to focus their studies in one of four areas of concentration: Molecular, Cellular, and Developmental Biology (MCD), Integrative Physiology and Neurobiology (IPN), Human Biology (HB), and Ecology, Evolution, and Conservation Biology (EEC).

Career Opportunities
The Biological Sciences graduate may choose from a variety of opportunities. Many graduates continue their studies in professional or graduate school in diverse fields:

- medicine, dentistry, optometry, veterinary medicine, or law
- botany, zoology, marine biology
- physiology, plant pathology, genetics
- nutrition, biochemistry, entomology, pharmacology or microbiology.

Our graduates find employment in business, industry and education as:

- teachers, laboratory technicians, technical writers
- pharmaceutical salespersons, technical information specialists and conservationists.

The growing importance of biotechnology, genetic engineering, preservation of the environment and other basic and applied aspects of biology provide an increasing need for well-trained biological scientists.

Research
Important work experiences are available to Biological Sciences students through various co-op and intern programs. Such guided work experiences are valuable supplements to classroom study and help prepare students for future employment. Many students also gain valuable experience through individualized research projects done under the supervision of a faculty member.

Course Work/Curriculum
Since the biological sciences encompass such a broad spectrum of the sciences, this program includes courses in:

- basic areas of biology
- mathematics, statistics, and computer science
- chemistry and physics.

Students develop communication skills through courses in English, technical writing, foreign language and speech. To help expand their understanding of the world we live in, they take classes in history, political science, anthropology, psychology and economics.

Flexibility is provided in the program to allow students to focus progressively on specific areas of biological science, if they so choose.

Graduate Study
Graduate degree programs in the biological sciences are available in several departments and programs at North Carolina State University.

Co-Curricular Activities
Biological Sciences majors have many opportunities to participate in campus organizations to develop their professional interests and to gain leadership experience. An active Biology Club offers guest speakers, field trips, service projects and fellowship with other students with similar interests.

Career Services
In addition to faculty advisers, CALS Career Services is available to provide information about career and employment opportunities. The office assists students and alumni with a variety of career needs such as choosing a major, resume tips, and job search strategies.

For more information:

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