

## CAREER OPPORTUNITIES

For additional information, please call or write:  
Charles C. Woods, Ph.D., Chairman  
Division of Natural Sciences and Mathematics



DIVISION OF NATURAL SCIENCES  
AND MATHEMATICS

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**NCATE**

The Standard of Excellence  
in Teacher Preparation

Miles College is accredited to award Bachelors degrees by the Commission on Colleges of the Southern Association of Colleges and Schools: 1866 Southern Lane, Decatur, GA 30033-4097, Phone: 404-679-4501

## BACHELOR OF SCIENCE

DIVISION OF  
NATURAL SCIENCES  
AND MATHEMATICS



THE DIVISION OF  
NATURAL  
SCIENCES AND  
MATHEMATICS

## WHY STUDY NATURAL SCIENCE AND MATHEMATICS AT MILES COLLEGE?

Students in the Division of Natural Sciences and Mathematics have an opportunity to prepare for a number of exiting career possibilities. Those wishing to enter the fields of medicine, dentistry, pharmacy, or the allied health professions will benefit greatly from our programs. We also offer an excellent curriculum for future mathematics, environmental sciences and science teachers.

Although the Division does not offer a major in nursing, it participates in collaborative programs with other institutions.

While pursuing a degree in the Division of Natural Sciences and Mathematics at Miles College, students enjoy the activities of the science and mathematics club. These clubs foster camaraderie and cohesion among the members and make it possible for students to assume leadership roles among their peers.

In additions, those who excel in the disciplines can apply for membership into Beta Kappa Chi National Scientific Honor Society.

Field trips, undertaken in connection with science courses, broaden students' perspectives by providing opportunities to observe activities and phenomena firsthand. During their tenure at Miles College, students may participate in summer enrichment programs on campus or at other institutions throughout the nation. In addition, the division Road to Graduate School Lecture Series exposes students to professional role models in research, academe, the health fields, and technology.

## STUDENT RESEARCH

Undergraduate research is assuming an increasingly important role in student preparation for the future. In order to transform students from passive recipients of information to creators of knowledge, students have the opportunity to conduct undergraduate research, sponsored by the National Science Foundation Historically Black Colleges and Universities – Undergraduate Program (HBCU-UP), and by the Alabama Louis Stokes Alliance for Minority Participation (ALSAMP) Program. Under these programs, students may qualify for annual stipends ranging from \$2,000 to \$4,000 depending on their GPA, and SAT or ACT scores. Research projects are conducted jointly by students and their mentoring faculty member.

## MAJOR OVERVIEW

Biology majors are presented with an integral concept of life as manifested in animals, plants, and microorganisms. This concept reveals characteristics common to all forms of life and accentuates the dependence of one form or another, either directly or indirectly. We endeavor to demonstrate the interrelationships and organization of living organisms with their abiotic environment. This and other thought-provoking exercises will provide the necessary background for advanced study toward a career in the medical fields, academe, research, or in education. Miles College has long been associated with producing excellent educators throughout the state.

