

College of Science and Mathematics

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Mission Statement

The College of Science and Mathematics is dedicated to serving students, faculty, the institution, and the region. All programs and services are governed by a commitment to excellence that is the hallmark of the College.

To Serve Students

The College serves students through the Core Curriculum and through various programs of study in pre-professional, transfer, and degree programs. The Core Curriculum, a significant proportion of which is delivered by departments and programs in Science and Mathematics, provides all students of the University a foundation grounded in humanities, natural sciences, social sciences, and mathematics. Learning outcomes of the Core are designed to develop critical thinking, written and oral communication skills, and the ability to use technology effectively. Beyond the Core, the mission of the College is to provide quality minors and associate, bachelor, and graduate degrees in traditional disciplines of Science and Mathematics and to serve students in programs in other colleges. The College of Science and Mathematics also houses the Air Force Reserve Officer Training Corps (ROTC) Program. All programs are characterized by having clearly defined goals, coherent structure, currency, relevance, and rigor, and all prepare students to meet the challenges of an ever-changing world.

To Serve Faculty

The College serves its faculty by providing an environment in which instructional excellence is expected and valued; service to the university and community is encouraged; and scholarly activity, research, and creative endeavors are supported and rewarded. Through activities as varied as the recruitment of new faculty to the celebration of the contributions of retiring faculty, the College creates a congenial work environment that supports its faculty intellectually and professionally.

To Serve the Institution

Beyond program contributions, the College of Science and Mathematics seeks to serve the university community at large by its participation in the various activities that make up the life of the institution outside the classroom. Students and faculty from Science and Mathematics participate in academic and non-academic extracurricular activities, including governance organizations, and serve on departmental, college, and university committees that contribute to the effective functioning of the institution. An integral part of the mission of Science and Mathematics is to seek out and support opportunities for collaboration with other units of the University outside of the College.

To Serve the Region and Beyond

The College of Science and Mathematics plays a major role in helping the University meet its service mission to the region. Through teaching, research, creative endeavors, and the spectrum of outreach and support activities provided by the students and faculty of the College, Science and Mathematics contributes to an improved quality of life for all citizens of the region.

Five academic departments: Biology; Chemistry; Mathematics; Computer Science; and Physics, Astronomy, Geosciences, and Engineering Technology; and the Air Force ROTC (AFROTC) Program comprise the College of Science and Mathematics. The Bachelor of Science in Computer Science degree program is accredited by ABET Computing Accreditation Commission, and the Bachelor of Science in Chemistry is approved by the American Chemical Society; these accrediting bodies ensure that these programs meet high educational standards and prepare students for success in their chosen fields.

The degrees of Associate of Science, Bachelor of Arts, Bachelor of Science, and Master of Science are granted through the College. In addition, the AFROTC Program offers a minor in Aerospace Studies and provides students the opportunity to receive a commission as an officer in the United States Air Force upon earning a bachelor's degree from Valdosta State University.

Undergraduate Degree Programs Offered through the College of Science and Mathematics

Associate of Science

- Engineering Studies

Bachelor of Arts

- Biology
- Mathematics

Bachelor of Science

- Applied Mathematics
- Astronomy
- Biology
- Chemistry
- Computer Information Systems
- Computer Science
- Engineering Technology
- Environmental Geosciences
- Physics

Pre-Professional Programs

Although degrees are not conferred in pre-professional areas such as pre-medicine or pre-dentistry, programs of study are available that prepare students to enter other institutions where they can complete their professional training. Some programs require students to finish a four-year sequence in a major; others call for students to complete a two- or three-year sequence of study. Since requirements for pre-professional degrees vary according to programs and students' needs, it is important that students declare early their intention to pursue specialized study so that they may receive proper advising. Pre-professional areas and the departments responsible for advising are listed below.

Advising in	For Programs in
Department of Biology	Community Health, Medical Technology, Occupational Therapy, Optometry, Physical Therapy, Physician's Assistant, Respiratory Therapy, Dental Medicine, Medicine, Pharmacy, Veterinary Medicine
Department of Chemistry	Medicine, Dental Medicine, Veterinary Medicine, Pharmacy
Department of Physics, Astronomy, Geosciences, and Engineering Technology	Engineering