

East Georgia State College offers a Bachelor of Science degree in Biology. The biology degree program prepares students for entry into a wide range of careers, including further academic study at the graduate level, and for entrance into professional degree programs.

Within the scope of the major requirements and electives, students may focus their studies in areas that best meet their future career needs. Students must consult an adviser for help in selecting courses appropriate to their interests and career objectives. Students should meet with an adviser a minimum of once a semester so the adviser can review the student's programs and progress.

The program emphasizes a broad spectrum of study, from the molecular level to the whole organism, and emphasizes the understanding of genetics, development, evolution and the interaction with a dynamic environment. B.S. in Biology students will become well-grounded in math, science and technology, as well as a common core of biology topics.

The program will provide in-depth studies and opportunities for research and internships that prepare students for medicine, dentistry, pharmacy, veterinary medicine, medically-related research, graduate and professional studies, or joining the business and industry work force.

The B.S. in Biology can be earned by the completion of common core biology courses and biology electives. The core curriculum is followed by the core courses in biology, and includes required courses in chemistry, mathematics, and physics.

Electives within the department allow for training to focus on special career objectives. Electives will be selected following consultation with a faculty adviser. A grade of C or better is required in all courses required for the degree. Students are encouraged to begin with Pre-Calculus for their math requirement.

Read more about the
Bachelor of Science in
Biology curriculum here:

[http://www.ega.edu/programs/
bachelor_of_science_in_biology](http://www.ega.edu/programs/bachelor_of_science_in_biology)



East Georgia State College is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award certificates, associate degrees and baccalaureate degrees. Contact the Southern Association of Colleges and Schools Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call 404-679-4500 for questions about the accreditation of East Georgia State College.

GET STARTED NOW!

For those who desire to better their lives through further education, there is generous financial aid available to help you fulfill your dreams. Contact us for more information about campus visits, the application and financial aid processes, scholarship application processes, and registration.

FINANCIAL AID AVAILABLE!

East Georgia State College's Biology Faculty



We're here to help you succeed!

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[http://www.ega.edu/programs/
bachelor_of_science_in_biology](http://www.ega.edu/programs/bachelor_of_science_in_biology)

Revised 02/06/20



Now Enrolling!



BIOLOGY
BACHELOR
OF SCIENCE DEGREE

WWW.EGA.EDU

WHY SHOULD YOU EARN YOUR DEGREE AT EGSC?

FACULTY EXPERTS

DR. JOHN CADLE, Associate Professor of Biology

Dr. Cadle teaches principles of biology and zoology. His research interests are in phylogenetics, evolutionary biology, and vertebrate biology with an emphasis on amphibians and reptiles. He maintains a strong interest in theoretical and applied conservation biology at local and international scales.

DR. DAVID CHEVALIER, Associate Professor and Chair of the Department of Biology

Dr. Chevalier teaches Genetics, Cell Biology, Plant Biology, and Interdisciplinary Applications of Biology. His research interests are in the area of the identification of new microRNAs and plant signaling.

DR. PAUL CERPOVICZ, Professor of Chemistry

Dr. Cerpovicz teaches Principles of Chemistry, Organic Chemistry, and Biochemistry. He directs the Regional Division C Science Olympiad, advises the student STEM Club, visits local schools, and maintains the campus bee hives. He also conducts research with students on food product development in collaboration with nutrition faculty from Georgia Southern University.

DARLENE DICKENS, Assistant Professor of Biology

Ms. Dickens's teaching experience includes introductory biology, both online and face to face. Her main area of study is ecology/environmental science.

JASON LEE, Assistant Professor of Biology

Mr. Lee's teaching experience includes Introductory Biology and Integrated Sciences.

DR. J. E. SCHNEIDER, JR., Associate Professor of Biology

Dr. Schneider teaches Principles of Biology, Anatomy and Physiology, and Toxicology. His research interests are in the area of oxidative stress and toxins, and especially toxins produced by cyanobacteria.

DR. MARTIANA SEGA, Assistant Professor of Biology

Dr. Segal teaches Principles of Biology I & II. Her research interests are novel techniques to study proteins. She has used Mass spectrometry to unravel new protein functions in red blood cells, blood vessels and cancer.

DR. BREANA SIMMONS, Professor of Biology

Dr. Simmons is an ecologist who specializes in soil biology. She teaches Biology, Microbiology, Ecology and Evolution. Her research projects currently focus on the impact of land use on native species and invertebrate effects on ecosystem processes.

JOHN SMOYER, Assistant Professor of Biology

Mr. Smoyer's teaching experiences include Anatomy and physiology I and II, introduction and principles of Biology I and II.

DR. JIMMY WEDINCAMP, Professor of Biology & Dean of the School of Mathematics & Natural Sciences

Dr. Wedincamp's teaching experience includes Principles of Biology, Microbiology, Anatomy and Physiology, Zoology, Research Methods, and Entomology. His research focuses on the biology, host associations and vector ecology of ectoparasites of vertebrates, especially of mammals. Most studies address ticks, sucking lice or fleas.

DR. YELENA WHITE, Associate Professor of Physics

Dr. White's teaching experience includes Physics I and II, and Integrated Sciences.

SMALL CLASSES

East Georgia State College offers small classes so that students are able to interact with their professors and get the education they deserve. *No hundred-person classes here!*

RESEARCH OPPORTUNITIES

Biology Students at EGSC have many opportunities to conduct undergraduate research and participate in internship programs (Emanuel Medical Center and Altamaha Riverkeeper) to get them out of the classroom and into the field.

LOW COSTS

East Georgia State College's tuition and fees are some of the lowest in the University System of Georgia. On-campus housing is also available.

FINANCIAL AID & SCHOLARSHIPS

Even with low tuition costs, college is a major investment. EGSC offers many different scholarships to help our students pay for their degree. Visit www.ega.edu/offices/student_affairs/financial_aid_programs to learn more.

STUDENT SUCCESS



REGGEALIKA BAILEY FALL 2014 GRADUATE

Rae transferred to chiropractor school at Life University in Marietta, GA



JOSHUA HERNDON SPRING 2015 GRADUATE

Joshua transferred to medical school at Mercer University in Macon, GA



SPENCER SALTER SPRING 2015 GRADUATE

Spencer graduated from Georgia Southern University with a Doctorate in Physical Therapy



COLBY CALHOUN SPRING 2017 GRADUATE

Colby works for Edwin I. Hatch Nuclear Plant in Baxley, GA as a radiation protection technician