



KENNESAW STATE
UNIVERSITY

S-STEM Scholarships for Transfer Students

intending to pursue their Bachelor of Science in
Biology, Biotechnology, Biochemistry, Chemistry, or
Environmental Science

at **Kennesaw State University**



I'm interested – do I qualify?

You are a good candidate if you:

- ***Are an accomplished transfer student who has plans to major in biology, biotechnology, biochemistry, chemistry, or environmental science.***
- ***Qualify for financial aid (as determined using the FAFSA).***
- ***Have a minimum overall GPA >2.5 and grades of C or better in all math and science courses.***
- ***Intend to complete your B.S. and pursue a career in the sciences.***
- ***Desire additional educational enrichment activities, including seminars and student research.***

Questions?

Contact:

Dr. Jennifer Louten

S-STEM Program Director

E-mail: jlouten@kennesaw.edu

Phone: 470-578-7757

Kennesaw office: Science 522

What is S-STEM? Kennesaw State University and the National Science Foundation have teamed up to provide scholarships for undergrads transferring from any of Georgia's colleges to KSU through our S-STEM program, *Scholars in STEM*. Eligible majors include Biology, Biotechnology, Biochemistry, Chemistry, and Environmental Science. The Program provides scholarships ranging from \$5,000 to \$10,000 per student per academic year towards the cost of instruction (tuition, books, and fees). All applicants must demonstrate financial need using the FAFSA, and the actual amount awarded is based on financial need.

What's in it for me? In addition to the scholarship money, as an S-STEM student you: (1) participate in professional activities, (2) receive early registration for classes, (3) attend monthly STEM seminars covering careers, research, and skills workshops, (4) have the opportunity to take part in learning communities and "career block" housing, (5) engage in monthly meetings with your advisor, (6) participate in learning and teaching in our STEM tutoring centers, and (7) experience "learning-by-doing" through undergraduate research, internships, and service learning projects. We also provide social events and occasional field trips to build your connection to other S-STEM scholars and students in your major. Finally, as an S-STEM scholar, you may work in research teams led by Kennesaw State University professors, leading to the presentation of your research at professional meetings.



S-STEM Scholarships for Transfer Students

Information on Eligible Majors

B.S. in Biology

Biology is the science of life and living organisms, so this field changes rapidly and dramatically as new information is discovered. More than any other field, Biology encompasses a great scope of exciting topics ranging from ecology and environmental sciences to how the human body works and fights off diseases. Biological research is currently working on some of the world's most interesting problems, like how to solve global warming, how to decipher all the information stored in human DNA, or how to combat diseases like cancer and diabetes or pathogens like HIV, Influenza, and antibiotic-resistant strains of bacteria.

The Biology program at KSU has 9 “tracks” that allow students to customize their education based upon their interests and future goals.

Biology tracks:

- Biotechnology Track
- Pre-Professional Health Track
- Cell, Molecular, and Developmental Biology Track
- General Biology Track
- Ecology/Environmental Science Track
- Microbiology Track
- Cytogenetics Track
- Plant Biology Track
- Bioinformatics Track

B.S. in Environmental Science

Environmental science is a broad and interdisciplinary field primarily concerned with the interrelationships between the lithosphere, the hydrosphere, the atmosphere, and the biosphere. It integrates diverse scientific disciplines such as biology, chemistry, physics, geology, hydrology, atmospheric science, oceanography, and toxicology. Students completing this program are prepared to enter into industry, consulting, state agencies, or advanced professional programs in the environmental sciences. Graduates will be educated in assessment and control of pollutants, remediation and restoration of toxic sites, sustainable development, management and conservation of natural resources, and conducting environmental research.

B.S. in Chemistry or B.S. in Biochemistry

Chemistry has long been held as one of the most important fields in science as it is the study of all that is around us at the smallest level -- the building blocks of the world. The study of chemistry ranges from physical chemistry where students study chemistry at the smallest scale, to organic chemistry where students explore the science of nature as we know it. Biochemistry is a cross between Biology and Chemistry, where the focus is on biological molecules, their structure, and how they function at a molecular level in the human body.

Five “tracks” allow chemistry students to customize their education, based upon their interests:

- Professional Chemistry Track
- General Chemistry Track
- Forensic Chemistry Track
- Pharmaceutical Chemistry Track
- Material Science Track



Name _____ E-mail _____

(best one for us to reach you)

Address _____

(where we should send you mail regarding this program)

College awarding your Associate's Degree (if applicable) _____

Associate's degree major (if applicable) _____

Overall transfer GPA _____ GPA in Major _____

1. FAFSA financial aid material submitted to KSU? If no, do so ASAP.
Yes No

(for information on applying for Financial Aid see: <https://kennesaw.edu/financialaid>)

2. List all college-level math and science courses that you have completed, including any in which you are currently enrolled: _____

3. List the contact information of two college instructors who have agreed to provide a letter of recommendation on your behalf. *Please ensure that letters are e-mailed directly from the instructor to jlouten@kennesaw.edu or mailed to the address at the bottom of the page by the application deadline.*

Instructor's name Phone E-mail address

Instructor's name Phone E-mail address

4. Attach a separate sheet that explains your motivation for choosing your major and your commitment to completing a bachelor's degree. What do you want us to know about your career goals, dedication, and successes to date? Why are you a great candidate for this program?

I have reviewed the material on the Scholars in STEM website and understand that participation in S-STEM requires additional commitments including regular participation in advisement, tutoring, undergraduate research and/or professional internships, seminars, and social activities.

signature and date

Please submit this application to Dr. Jennifer Louten, *Scholars in STEM* Program, jlouten@kennesaw.edu, or mail to 370 Paulding Ave. NW, MD #1201, Kennesaw, GA 30144

Thank you for applying to the Scholars in STEM program. You'll be hearing from us soon.

More information available at <https://facultyweb.kennesaw.edu/jlouten/stem scholars.php>