

ASSOCIATE IN ARTS: MATHEMATICS



WHY EAST GEORGIA?

East Georgia College is dedicated to serving students who are just like you – people who want and deserve a great start toward a future with promise. Whether you are a new high school graduate, a transfer student, or a returning learner ready for a new career, you will find a safe, convenient campus, ample parking, and classes that are accessible in the day or evening. East Georgia College is an affordable way to begin your studies, with reasonable tuition and fee prices and generous financial aid available. Best of all, classes are small, so you will get to know the faculty – whose professional credentials and commitment to students are equally impressive – and they will know you. East Georgia College is education with a personal touch.

WHERE WILL YOU GO FROM HERE?

Most students who study mathematics transfer to complete their four-year degrees and then earn their master's or professional degrees, preparing them for work anywhere in the world. Perhaps your paths will lead you into the military, business, accounting, banking, or research. Math teachers are in high demand. One student completed a doctorate degree and is working in aerospace engineering; another East Georgia College mathematics major graduate is attending law school. The possibilities for your life are as limitless as your imagination.

EGC mathematics students have transferred to complete their degrees at: Georgia College and State University, Georgia Institute of Technology, Georgia Southern University, Mercer University, and University of Georgia.



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 and registration.



EAST GEORGIA COLLEGE

OFFICE OF ADMISSIONS

131 College Circle Swainsboro, GA 30401-2699
Phone: (478) 289-2017 • www.ega.edu

THE CURRICULUM

The core curriculum of the University System of Georgia is consistent among all colleges and universities in the system. The first two years of study are outlined as general education, known as Areas A- F. Areas A-E of the general education curriculum are comprised of required courses totaling 42 credit hours in a wide range of disciplines, including humanities/ fine arts, science, mathematics, technology, and social science. To view the complete list of general education required courses, please visit our website at www.ega.edu/registrar/catalog or see below.

In addition, your first two years of study will include courses totaling 18 credit hours in your selected program of study (Area F).



MATHEMATICS

Advising Division: Mathematics and Science Total

Required: 10 hours

MATH 2012 Calculus II 4

MATH 2013 Calculus III 4

PROB 1101/1102 Problem Solving I/II 1

SCIE 1101 Science in Society 1

Guided Electives (Choose courses equal to a minimum of 7 hours) 7 hours

BIOL 1107 Principles of Biology I 4

BIOL 1108 Principles of Biology II 4

CHEM 1211 Principles of Chemistry I 4

CHEM 1212 Principles of Chemistry II 4

PHYS 2211 Physics I: Classical Mechanics 4

PHYS 2212 Physics II: Electricity and Magnetism, Optics 4

MATH 1301 Introduction to Computer Programming 3

MATH 1302 Intermediate Programming 3

Carryover from Area D*: 1 hour

***NOTE:** To carryover an hour from Area D, students should take MATH 1113, Pre-Calculus, in Area A as a prerequisite to MATH 1540, Calculus I, for the math requirement in Area D. A strong high school background in mathematics and sufficient aptitude are necessary to follow this path. Otherwise, the student should be encouraged to take MATH 1001, MATH 1101 or MATH 1111, in Area A, plus MATH 1113 and then MATH 1540 in Area D which results in additional hours.

TOTAL HOURS:

18