

Mathematics



step in. stand out.

The Mathematics major at Brevard College prepares graduates for a wide variety of options including Master's degree programs in mathematics, Graduate study at a wide choice of professional schools, and various career opportunities such as teaching, actuarial science, biomathematics and financial mathematics. The program is designed to develop creativity in problem solving, the ability to think analytically, the ability to communicate mathematical knowledge and results as well the mastery of undergraduate mathematics. Mathematics major graduates of Brevard College receive a Bachelor's of Arts degree from a liberal arts college which contributes to their ability to succeed in many different settings.



Characteristics of the BC Mathematics Program:

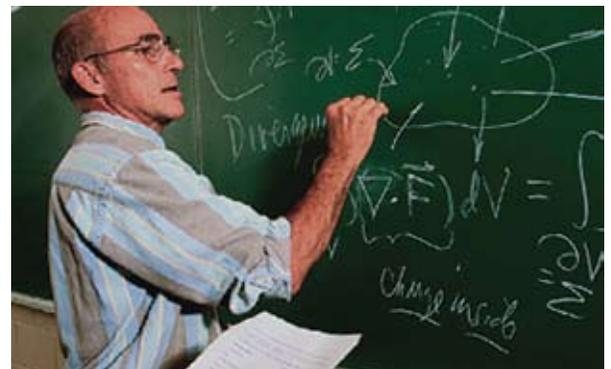
At Brevard, we offer mathematics majors the opportunity to interact closely with members of the mathematics faculty from the moment they arrive on campus. Mathematics majors at Brevard College will not be lost in the shuffle nor will they be weeded out. Rather, they will be supported in their undertakings every step of the way. Mathematics majors and other students interested in mathematics have the opportunity to participate in *Dimensions*, the mathematics club. They can also enter the international mathematics modeling contest, where many BC students have been successful participants.

Scholarship Information:

New freshman and transfer students, regardless of major, may qualify for academic scholarships through the Admissions Office from \$5,500 per year to full tuition. For general inquiries about financial aid, please contact the Office of Financial Aid. Need-based Financial Aid is also available to all students who qualify as a result of filing the Free Application for Federal Student Aid (FAFSA).

You should consider the Mathematics major if you:

- Want to pursue mathematics at the graduate level
- Want to develop reasoning skills necessary for one of many fields
- Have a particular interest in a field requiring mathematical skills
- Are interested in applications of mathematics in a particular field



Some of our recent graduates have:

- Successfully completed a Master's degree in Mathematics Education,
- Completed the Physician's Assistant program,
- Received a Master of Science degree with an emphasis in mathematical applications in hydrology,
- Earned an MBA.

Some of our major courses include:

- Discrete Mathematics
- Differential Equations
- Calculus and Analytic Geometry
- Modern Algebra
- Linear Algebra
- Real Analysis

Outstanding Senior Projects:

All majors require a demonstration of learned skills. These may include a research project, presentation, performance, paper or an exhibit during the senior year. Examples include:

"The Divine Geometer: Benjamin Pierce's Vision of Mathematics and Religion"

"You Cannot See the Trees for the Forest: Patterns in a Square Lattice"

"Recursively Defined Functions and Non-Recursive Definitions"

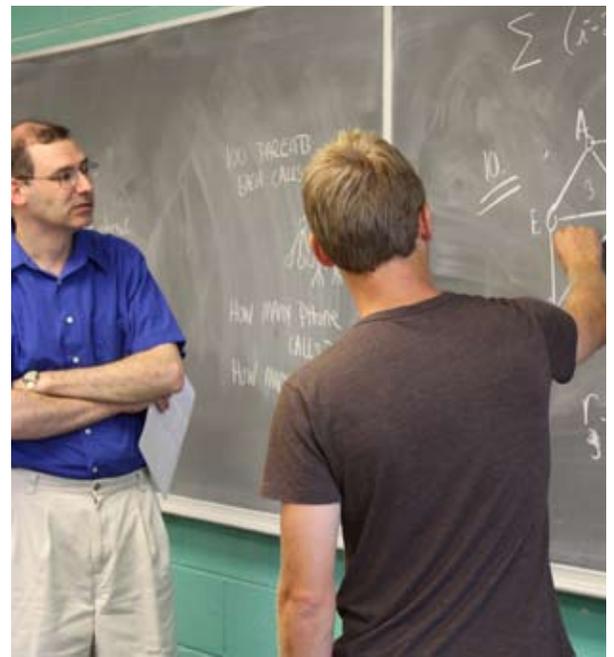
Visit the Mathematics Web site (www.brevard.edu/math) to learn more.

Read what a recent graduate said about BC:

"The best part of my academic experience has been through the small class sizes here at Brevard. I get to work one on one with professors. I love how the faculty actually invest themselves in the students. If you work hard, they will help you succeed."

For more amazing graduate stories visit us at:

www.brevard.edu/graduates



Division of Science and Mathematics:

Major Programs:

Biology, (B.S.)
Environmental Science, (B.S.)
Environmental Studies
Exercise Science
General Science
Health Science Studies
Mathematics

Minor Programs:

Biology
Chemistry
Coaching
Ecology
Environmental Studies
Fitness Leadership
Geology
Mathematics
Natural History

Contact Information:

Coordinator: Mathematics Major

Dr. Charles Wallis
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Admissions

800.527.9090
www.brevard.edu/admissions

Financial Aid

828.884.8245
www.brevard.edu/financialaid

Mathematics Web site

www.brevard.edu/math