

BACHELOR OF SCIENCE IN MATHEMATICS

The School of Mathematics at Georgia Tech offers a Bachelor of Science degree in Mathematics. The B.S. in Mathematics degree provides a certification of extensive training in mathematics at one of the nation's leading scientific and technological universities. Holders of this degree are well qualified for a variety of careers in academia, business and industry, computer programming, data science, and education.

The program provides excellent preparation for graduate studies in mathematics and related fields.

Students have the option of completing the B.S. in Mathematics or completing the B.S. in Mathematics with one of the areas of concentration.

Optional concentrations

- Applied Mathematics
- Discrete Mathematics
- Probability and Statistics
- Pure Mathematics

Bachelor of Science in Mathematics with a concentration in Applied Mathematics (<http://www.catalog.gatech.edu/programs/mathematics-applied-bs>)

Bachelor of Science in Mathematics with a concentration in Discrete Mathematics (<http://www.catalog.gatech.edu/programs/mathematics-discrete-bs>)

Bachelor of Science in Mathematics with a concentration in Pure Mathematics (<http://www.catalog.gatech.edu/programs/mathematics-pure-bs>)

Bachelor of Science in Mathematics with a concentration in Probability and Statistics (<http://www.catalog.gatech.edu/programs/mathematics-probability-and-statistics-bs>)

Bachelor of Science in Mathematics - Business Option (<http://www.catalog.gatech.edu/programs/mathematics-business-option-bs>)

Bachelor of Science in Mathematics - General (<http://www.catalog.gatech.edu/programs/mathematics-general-bs>)

Business and Research Options

A student may elect to complete both the Business Option and the Research Option.

Completion of the Business and Research Options is noted by the designations "Business Option" and "Research Option" on the student's transcript.

See Concentrations for the for the Business Option requirements. See below for the Research Option requirements.

Math Undergraduate Website (<http://www.math.gatech.edu/undergraduate/undergraduate-programs>)

Research Option

Code	Title	Credit Hours
Select one of the following Research Options: ¹		9
MATH 2698 & MATH 4696	Undergraduate Research Assistantship and Undergraduate Research Assistantship (for pay)	
MATH 2699 & MATH 4699	Undergraduate Research and Undergraduate Research (for credit) ²	
LMC 4701	Undergraduate Research Proposal Writing (complete during the first or second semester of research) ³	1
LMC 4702	Undergraduate Research Thesis Writing (take during the thesis-writing semester) ⁴	1
Total Credit Hours		11

¹ supervised research with a faculty advisor over two or three semesters

² Six credit hours of MATH 4699 may be used as mathematics electives for the BS in Mathematics.

³ a short proposal on the research project is developed

⁴ prepare a research report (research paper, project report/thesis), and make an oral presentation of the project

Completion of this Research Option is noted by the designation "Research Option in Mathematics" on the student's transcript.

For more information, visit: <http://www.undergradresearch.gatech.edu/research-option/>.

Math Undergraduate Website (<http://www.math.gatech.edu/academics/undergraduate/undergraduate-programs>)