

Mathematics and Computer Science Department

Contact Us

Mathematics & Science Center, Suite W401, 400 Dowman Drive
Atlanta, GA 30322
404.727.7580
info@mathcs.emory.edu
<http://www.mathcs.emory.edu/programs-undergrad>

Description

Mathematics and computer science are disciplines central to both the liberal arts curriculum and to research endeavors in the natural and social sciences. The combined department at Emory offers educational programs and supports research activities that exploit the interrelations among mathematics, computer science, and the physical and life sciences, and that advance traditional areas of scholarship within each discipline. The department offers a BA and a BS in both mathematics and computer science, a BS in applied mathematics as well as joint programs in mathematics/computer science, mathematics/economics, and mathematics/political science. The department is housed in the new Mathematics and Science Center with facilities including an open Unix computing lab, instructional teaching lab, computing library, research computing labs and data center. All classrooms are equipped with state-of-the-art AV and computing tools.

Concentrations

Majors are offered in the area(s) of: **Mathematics; Mathematics; Computer Science; Computer Science; Mathematics (Applied); Mathematics and Computer Science; Economics and Mathematics; Mathematics and Political Science**. For details, see the Major page for each area. Minors are offered in the area(s) of: **Mathematics; Mathematics (Applied); Computer Informatics; Computer Science**. For details, see the Minor page for each area.

Faculty

Chair/Director: Vaidy Sunderam
Director of Undergraduate Studies: Kenneth Mandelberg

Core Faculty

Aaron Abrams; Yevgeny Agichtein; Chang Bang; Steven Batterson; Michele Benzi; David Borthwick; Eric Brussel; Shun Cheung; Carol Cox; Dwight Duffus; Ronald Gould; Michelangelo Grigni; Margaret Hamilton; James Lu; Kenneth Mandelberg; James Nagy; Vladimir Olikier; Parimala Raman; Victoria Powers; Vojtech Rodl; Robert Roth Jr.; Andrzej Rucinski; Vaidy Sunderam; James Taylor; Alessandro Veneziani; Li Xiong; Shanshuang Yang

Adjunct Faculty

Maxim Olshanski; Ken Ono; Ashwin Ram; Zdenek Strakos; Valerie Summet

Courses

Core Subjects

This department offers courses in the following subject(s): **Mathematics, Computer Science**. For a list of specific courses in each subject area, see the course descriptions page for that subject.

Programs

Honors Program

See "Honors Program" under the curriculum section of the catalog and consult the department for further details.

Students interested in being considered for honors in mathematics are strongly urged to begin the Math 323–324 or Math 411–412 sequence in the fall of their junior year. Computer science students should schedule CS 351 in the fall of their junior year. Each year the department selects its outstanding major for the Trevor Evans award.