

# COLLEGE OF INFORMATION AND MATHEMATICAL SCIENCES

## Administrative Officer

Ebrahim Khosravi, *Dean*  
Michelle Furlong, *Associate Dean*

## Vision Statement

The College of Information and Mathematical Sciences (CIMS) aspires to create a community of innovative thinkers who can facilitate the adaptation to rapidly changing conditions of our global society. From our strategic location in the Southern Crescent of metropolitan Atlanta, CIMS prepares a diverse workforce of highly qualified professionals in the mathematical, computer and information sciences and in mathematics education.

## Mission and Goals

The mission of the College of Information and Mathematical Sciences (CIMS) is to provide a strong foundation in the Core IMPACTS areas of Mathematics, Computer, and Information Sciences to meet the growing global need for professionals in these disciplines.

CIMS supports Clayton State University's strategic planning priorities by:

- positioning the college as an academic unit that prepares its students to achieve in a rapidly changing technological society;
- providing educational opportunities and student-centered approaches to teaching and learning that support student success in the programs of study and undergraduate research for our majors, the quantitative areas within the general education courses, and service courses for other degree programs across campus;
- continually improving and expanding the college's academic programs to integrate research-based best practices in teaching and learning in mathematics and computing disciplines and to attract more students to CSU to study in these fields;
- seeking external funding sources to support the college's programs in teaching, research, and improvement of our technology infrastructure;
- building and nurturing a sense of community among the college's faculty and students;
- engaging in active outreach efforts with community partners in education and industry.

## Programs

### Instructional Organization

The College of Information and Mathematical Sciences has two academic departments, Computer Science and Information Technology and Mathematics. The College is also home to the Archives and Information Studies program. The college offers the following undergraduate degrees. Graduate degree programs can be found under the School of Graduate Studies (<https://catalog.clayton.edu/academic-catalog/graduate-studies/>).

- School of Sciences (<https://catalog.clayton.edu/academic-catalog/information-mathematical-sciences/school-of-sciences/>)

- Department of Computer Science and Information Technology (<https://catalog.clayton.edu/academic-catalog/information-mathematical-sciences/computer-science-information-technology/>)
  - Combined Bachelor's and Master's Degrees ([https://catalog.clayton.edu/academic-catalog/information-mathematical-sciences/combined\\_degrees/](https://catalog.clayton.edu/academic-catalog/information-mathematical-sciences/combined_degrees/))
  - Computer Science, BS (<https://catalog.clayton.edu/academic-catalog/information-mathematical-sciences/computer-science-information-technology/computer-science-bs/>)
  - Computer Science, Minor (<https://catalog.clayton.edu/academic-catalog/information-mathematical-sciences/computer-science-information-technology/computer-science-minor/>)
  - Information Technology, AAS (<https://catalog.clayton.edu/academic-catalog/information-mathematical-sciences/computer-science-information-technology/information-technology-aas/>)
  - Information Technology, BIT (<https://catalog.clayton.edu/academic-catalog/information-mathematical-sciences/computer-science-information-technology/information-technology-bit/>)
  - Information Technology, Minor (<https://catalog.clayton.edu/academic-catalog/information-mathematical-sciences/computer-science-information-technology/information-technology-minor/>)
- Department of Mathematics (<https://catalog.clayton.edu/academic-catalog/information-mathematical-sciences/mathematics/>)
  - Mathematics, BS (<https://catalog.clayton.edu/academic-catalog/information-mathematical-sciences/mathematics/mathematics-bs/>)
  - Mathematics, BS, Actuarial Science Concentration (<https://catalog.clayton.edu/academic-catalog/information-mathematical-sciences/mathematics/mathematics-actuarial-science-bs/>)
  - Mathematics, BS, Secondary Education Concentration (<https://catalog.clayton.edu/academic-catalog/information-mathematical-sciences/mathematics/mathematics-secondary-education-bs/>)
  - Mathematics, Minor (<https://catalog.clayton.edu/academic-catalog/information-mathematical-sciences/mathematics/mathematics-minor/>)
- Archives and Information Studies (<https://catalog.clayton.edu/academic-catalog/information-mathematical-sciences/archives-information-studies/>)
  - Archives and Information Studies, Minor (<https://catalog.clayton.edu/academic-catalog/information-mathematical-sciences/archives-information-studies/archives-information-studies-minor/>)
- Pathways to Engineering (<https://catalog.clayton.edu/academic-catalog/information-mathematical-sciences/pathways-engineering/>)
  - Engineering Dual Degree Options (<https://catalog.clayton.edu/academic-catalog/information-mathematical-sciences/pathways-engineering/dual-degree-options/>)
  - REPP - Regents' Engineering Pathways Program (<https://catalog.clayton.edu/academic-catalog/information-mathematical-sciences/pathways-engineering/repp-regents-engineering-pathways-program/>)

The academic departments teach courses that support early and middle grades education and the core curriculum.

The College participates in the Regents' Engineering Pathways Program (REPP), that provides a structure for students who are interested in seeking a degree in engineering. The REPP provides a mechanism for

students to take prescribed coursework that facilitates transfer to the various engineering programs in Georgia. Using the REPP program, we also offer an opportunity for students to obtain dual degrees from Georgia Institute of Technology and Clayton State.

In addition to the undergraduate programs, the College of Information and Mathematical Sciences offers a Master of Archival Studies. The college also provides concentrations in Mathematics that support the Master of Arts in Teaching and the Master of Arts in Liberal Studies.