

COLLEGE OF STEM

Administrative Officer

Ebrahim Khosravi, *Dean*

Jere Boudell, *Associate Dean*

Vision Statement

The College of Science, Technology, Engineering and Mathematics (STEM) will provide forward-thinking leadership to ensure competitive representation, quality, and implementation of innovative techniques in STEM and Archival education at Clayton State University, State, and beyond.

Our Values: Teamwork and Collaboration, Learning, Research and Innovation, Ethics, Leadership and Professionalism, Customer Service

Mission and Goals

The College of STEM mission is to recruit, retain, prepare, and graduate students to be successful in an increasingly diverse and interdependent global workforce environment.

College of STEM supports Clayton State University's strategic planning priorities by:

- a. Establishing Specialized Academic and Career Pathways in STEM;
- b. Enhancing STEM Student Success and Promoting Social Mobility;
- c. Expanding Enrollment in STEM Programs;
- d. Strengthening Partnerships with the STEM Community 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/>)
 - Biology, BS (<https://catalog.clayton.edu/academic-catalog/arts-sciences/biology/biology-bs/>)
 - Biology, BS, Secondary Education Concentration (<https://catalog.clayton.edu/academic-catalog/arts-sciences/biology/biology-secondary-education-bs/>)
 - Biology, Minor (<https://catalog.clayton.edu/academic-catalog/arts-sciences/biology/biology-minor/>)
 - Chemistry + Chemical Engineering Dual Program (<https://catalog.clayton.edu/academic-catalog/arts-sciences/chemistry-physics/chemistry-chemical-engineering-dual-program/>)
 - Chemistry, BS (<https://catalog.clayton.edu/academic-catalog/arts-sciences/chemistry-physics/chemistry-bs/>)
 - Chemistry, Minor (<https://catalog.clayton.edu/academic-catalog/arts-sciences/chemistry-physics/chemistry-minor/>)
- Environmental Science, Minor (<https://catalog.clayton.edu/academic-catalog/arts-sciences/biology/environmentalscience-minor/>)
- Forensics, Minor (<https://catalog.clayton.edu/academic-catalog/arts-sciences/biology/forensics-minor/>)
- Interdisciplinary Studies, Pre-Engineering Concentration, AS (<https://catalog.clayton.edu/academic-catalog/arts-sciences/chemistry-physics/integrative-studies-pre-engineering-concentration-as/>)
- Interdisciplinary Studies, Pre-Pharmacy Concentration, AS (<https://catalog.clayton.edu/academic-catalog/arts-sciences/chemistry-physics/integrative-studies-pre-pharmacy-concentration-as/>)
- Physics, Minor (<https://catalog.clayton.edu/academic-catalog/arts-sciences/chemistry-physics/physics-minor/>)
- Department of Computer Science and Information Technology (<https://catalog.clayton.edu/academic-catalog/information-mathematical-sciences/computer-science-information-technology/>)
 - Certificate in Artificial Intelligence (<https://catalog.clayton.edu/academic-catalog/information-mathematical-sciences/computer-science-information-technology/artificial-intelligence-certificate/>)
 - Certificate in Cybersecurity (<https://catalog.clayton.edu/academic-catalog/information-mathematical-sciences/computer-science-information-technology/cybersecurity-certificate/>)
 - Combined Bachelor's and Master's 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/>)
 - Cybersecurity, BS (<https://catalog.clayton.edu/academic-catalog/information-mathematical-sciences/computer-science-information-technology/cybersecurity-bs/>)
 - 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/>)
- 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.