

COLLEGE OF ENGINEERING AND COMPUTING

College Website (<http://www.engr.sc.edu/>)

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Michael A. Matthews, *Vice Dean and Senior Associate Dean for Research and Graduate Studies*

Ruth B. Patterson, *Assistant Dean for Student Services*

Paul H. Ziehl, *Associate Dean for Research*

Overview

Graduate study in the College of Engineering and Computing has two objectives: to deepen the student's knowledge in a given field of specialization and to expose the student to a broad range of educational experiences that build upon and complement the undergraduate education.

The College of Engineering and Computing offers research-based Master of Science and Doctor of Philosophy in the several disciplines. The college also offers the Master of Engineering degree, along with the Master of Health Information Technology, Master of Science in Engineering Management, and Master of Science in Technology Innovation and Entrepreneurial Engineering, as well as certificate programs in Artificial Intelligence, Cyber Security, and Railway Engineering.

Departments and Programs

- Biomedical Engineering (<https://academicbulletins.sc.edu/graduate/engineering-computing/biomedical-engineering/>)
- Chemical Engineering (<https://academicbulletins.sc.edu/graduate/engineering-computing/chemical-engineering/>)
- Civil and Environmental Engineering (<https://academicbulletins.sc.edu/graduate/engineering-computing/civil-environmental-engineering/>)
- Computer Science and Engineering (<https://academicbulletins.sc.edu/graduate/engineering-computing/computer-science-engineering/>)
- Electrical Engineering (<https://academicbulletins.sc.edu/graduate/engineering-computing/electrical-engineering/>)
- Integrated Information Technology (<https://academicbulletins.sc.edu/graduate/engineering-computing/integrated-information-technology/>)
- Mechanical Engineering (<https://academicbulletins.sc.edu/graduate/engineering-computing/mechanical-engineering/>)
- Technology Innovation and Entrepreneurial Engineering (<https://academicbulletins.sc.edu/graduate/engineering-computing/technology-innovation-entrepreneurial-engineering-ms/>)