

CATERPILLAR COLLEGE OF ENGINEERING AND TECHNOLOGY

Krishnanand (Kris) Y. Maillacheruvu, Interim Dean

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Programs

The Caterpillar College of Engineering and Technology offers Master's programs leading to:

- Master of Science in Civil Engineering (<https://catalog.bradley.edu/graduate/programs/master-science-civil-engineering-2year-program/>)
- Master of Science in Electrical Engineering (<https://catalog.bradley.edu/graduate/programs/master-science-electrical-engineering/>)
- Master of Science in Industrial Engineering (<https://catalog.bradley.edu/graduate/programs/master-science-industrial-engineering/>)
- Master of Science in Manufacturing Engineering (<https://catalog.bradley.edu/graduate/programs/master-science-manufacturing-engineering/>)
- Master of Science in Mechanical Engineering (<https://catalog.bradley.edu/graduate/programs/master-science-mechanical-engineering/>)
- Master of Science in Data Analytics- Engineering Analytics (<https://catalog.bradley.edu/graduate/programs/master-science-data-science-analytics-engineering-analytics-concentration/>)

And 4+1 programs leading to:

- Bachelor of Science/Master of Science in Civil Engineering (<https://catalog.bradley.edu/graduate/programs/bachelor-science-civil-engineeringmaster-science-civil-engineering-bscemsce-41-program/>)
- Bachelor of Science in Construction/Master of Science in Civil Engineering (<https://catalog.bradley.edu/graduate/programs/bachelor-science-constructionmaster-science-civil-engineering-bscemsce-41-program/>)
- Bachelor of Science/Master of Science in Electrical Engineering (<https://catalog.bradley.edu/graduate/programs/bachelor-science-electrical-engineeringmaster-science-electrical-engineering-bseemsee-41-program/>)

Students majoring in engineering are required to complete from 30 semester hours of coursework, depending on the program they are pursuing. Students should consult the department graduate program coordinator prior to registration.

Admissions Requirements

General and special entrance requirements are listed in the admissions section of the catalog.

Special Academic Programs

To participate in the following programs, students must have authorization to work in the United States. Eligibility of nonimmigrant (F-1) students is defined on an individual basis according to regulations set forth by the Bureau of

Citizenship and Immigration Services (BCIS) and the Bureau of Immigration and Customs Enforcement (BICE). For clarification of eligibility, contact the International Student Services Office or consult the BCIS Web site (<https://www.uscis.gov/>).

Practicum

Graduate students enrolled in chemistry, civil engineering, computer science, electrical engineering, industrial engineering, manufacturing engineering, mechanical engineering, and physics may have an opportunity for employment for 10-20 hours per week in a practicum program that partners industry and the university. Generally, the practicum is on-site work in an industrial setting. Students are assigned technically challenging projects with a near-term economic significance. Participating students will be enrolled in EGT 500 Graduate Engineering Practicum for zero credit hours.

Internship

Engineering internships provide engineering students an opportunity to participate in a full-time internship semester and/or summer away from campus providing career-related work experience. Participating graduate students will enroll in EGT 510 Graduate Engineering Internship for zero credit hours. While on a full-time internship assignment, students are considered to have full-time student status, making normal progress toward a degree in a recognized University program, and are entitled to all student privileges at the University. Also while on a full-time internship assignment, students may register for additional hours of classroom study upon departmental approval.

- Civil Engineering and Construction (<https://catalog.bradley.edu/graduate/engineering-technology/civil-engineering/>)
- Electrical and Computer Engineering (<https://catalog.bradley.edu/graduate/engineering-technology/electrical-computer-engineering/>)
- Industrial and Manufacturing Engineering and Technology (<https://catalog.bradley.edu/graduate/engineering-technology/industrial-manufacturing-engineering/>)
- Mechanical Engineering (<https://catalog.bradley.edu/graduate/engineering-technology/mechanical-engineering/>)