This decade, according to the Bureau of Labor Statistics. A degree in this research labs. Bioengineering is one of the fastest growing job markets in world-class hospitals and clinical opportunities to learn from clinicians and engineers and to perform are uniquely integrated with the CU Anschutz Medical Campus. Students for master of science and doctor of philosophy degrees. Our programs available at CU Denver.

A listing of the fields in which engineers work would have hundreds of entries. The following list is a brief summary of the engineering fields encountered in daily life. Mechanical engineering offers a wide range of interesting and challenging career opportunities in research, design, development, manufacturing, testing and marketing for either private industry or government. Mechanical engineers help develop a wide range of products such as engines, transmissions, compressors, pumps, oil field drilling rigs, missiles, space satellites, earth-moving equipment, container-manufacturing machines, medical equipment and many other products encountered in daily life.

Graduate Study in Engineering
The College of Engineering, Design and Computing offers graduate programs in bioengineering, civil engineering, computer science and engineering, electrical engineering and mechanical engineering, as well as an interdisciplinary doctoral degree in engineering and applied science.

For information regarding courses and requirements leading to the master of science, master of engineering or the PhD degree, see the appropriate discipline heading in this section. For general graduate admission information and policies, see the Information for Graduate Students (http://catalog.ucdenver.edu/cu-denver/graduate/information-graduate-students/) section of this catalog.

TOEFL/Language Requirements
For the most up-to-date information about TOEFL/language requirements, please visit the Office of International Admissions website (https://www.ucdenver.edu/international-admissions/apply-for-admission/).

Education for Employed Professional Engineers
Continuing education for employed engineers grows more important each year. Therefore, the college puts great emphasis upon making graduate courses available through late afternoon and evening courses. The
master of engineering degree permits graduate students more flexibility in defining specialized interdisciplinary fields that meet their professional needs. This degree has standards equivalent to those of the master of science degree.

Nondegree Students
Nondegree graduate students may apply 9 semester hours of graduate-level course work toward a master's degree in engineering from CU Denver.

College of Engineering, Design and Computing Admissions Information

Application Deadlines
Applicants must make arrangements to ensure all their materials (including transcripts, references, and any required test scores) are received by the relevant deadlines below. Applications with outstanding materials are considered incomplete and will be canceled unless a request for deferment to a later term is requested.

Bioengineering
  • MS: July 15 (fall), Dec. 15 (spring)
  • PhD: December 1 (fall admittance only)

Civil Engineering
  • MS/MEng: April 15 (fall), September 15 (spring)
  • PhD: March 15 (fall), September 15 (spring)

Computer Science
  • MS: April 15 (fall), October 15 (spring)
  • CSIS PhD: March 15 (fall), September 15 (spring)

Electrical Engineering
  • MS/MEng: April 15 (fall), October 15 (spring)
  • PhD: March 15 (fall), September 15 (spring)

Mechanical Engineering
  • MS/MEng: April 15 (fall), October 15 (spring)
  • PhD: March 15 (fall), September 15 (spring)

Engineering and Applied Science PhD
  • March 15 (fall), September 15 (spring)

College of Engineering, Design and Computing Departments and Programs

Courses listed in the following curricula are typical illustrations. Changes in specific courses may be necessary to accommodate students’ needs and/or changes in institution requirements; students should take courses in logical sequence.

Departments & Programs
  • Bioengineering (http://catalog.ucdenver.edu/cu-denver/graduate/schools-colleges-departments/college-engineering-design-computing/bioengineering/)
  • Bioengineering Dual, MS-MBA (http://catalog.ucdenver.edu/cu-denver/graduate/schools-colleges-departments/college-engineering-design-computing/bioengineering/bioengineering-dual-ms-mba/)
  • Bioengineering, MD-MS (http://catalog.ucdenver.edu/cu-denver/graduate/schools-colleges-departments/college-engineering-design-computing/bioengineering/bioengineering-md-ms/)
  • Bioengineering, MD-PhD (http://catalog.ucdenver.edu/cu-denver/graduate/schools-colleges-departments/college-engineering-design-computing/bioengineering/bioengineering-md-phd/)
  • Bioengineering, MS (http://catalog.ucdenver.edu/cu-denver/graduate/schools-colleges-departments/college-engineering-design-computing/bioengineering/bioengineering-ms/)
  • Bioengineering, PhD (http://catalog.ucdenver.edu/cu-denver/graduate/schools-colleges-departments/college-engineering-design-computing/bioengineering/bioengineering-phd/)
  • Civil Engineering (http://catalog.ucdenver.edu/cu-denver/graduate/schools-colleges-departments/college-engineering-design-computing/civil-engineering/)
    • Civil Engineering, MS and MEng (http://catalog.ucdenver.edu/cu-denver/graduate/schools-colleges-departments/college-engineering-design-computing/civil-engineering/civil-engineering-ms-meng/)
    • Civil Engineering, PhD (http://catalog.ucdenver.edu/cu-denver/graduate/schools-colleges-departments/college-engineering-design-computing/civil-engineering/civil-engineering-phd/)
    • Construction Project Management Graduate Certificate (http://catalog.ucdenver.edu/cu-denver/graduate/schools-colleges-departments/college-engineering-design-computing/civil-engineering/construction-project-management-graduate-certificate/)
  • Engineering and Applied Science, PhD (http://catalog.ucdenver.edu/cu-denver/graduate/schools-colleges-departments/college-engineering-design-computing/civil-engineering/engineering-applied-science-phd/)
  • Geographic Information Systems and Geomatics Graduate Certificate (http://catalog.ucdenver.edu/cu-denver/graduate/schools-colleges-departments/college-engineering-design-computing/civil-engineering/geographic-information-systems-geomatics-graduate-certificate/)
  • Integrated Construction, Management + Leadership Graduate Certificate (http://catalog.ucdenver.edu/cu-denver/graduate/schools-colleges-departments/college-engineering-design-computing/civil-engineering/integrated-construction-management-leadership-graduate-certificate/)
  • Computer Science and Engineering (http://catalog.ucdenver.edu/cu-denver/graduate/schools-colleges-departments/college-engineering-design-computing/computer-science-engineering/)
    • Computer Science and Information Systems, PhD (http://catalog.ucdenver.edu/cu-denver/graduate/schools-colleges-departments/college-engineering-design-computing/computer-science-engineering/computer-science-information-systems-phd/)
  • Computer Science, MS (http://catalog.ucdenver.edu/cu-denver/graduate/schools-colleges-departments/college-engineering-design-computing/computer-science-engineering/computer-science-ms/)
  • Cybersecurity and Defense Graduate Certificate (http://catalog.ucdenver.edu/cu-denver/graduate/schools-colleges-
• Engineering and Applied Science, PhD (http://catalog.ucdenver.edu/cu-denver/graduate/schools-colleges-departments/college-engineering-design-computing/computer-science-engineering/engineering-applied-science-phd/)
• Software Engineering Graduate Certificate (http://catalog.ucdenver.edu/cu-denver/graduate/schools-colleges-departments/college-engineering-design-computing/computer-science-engineering/software-engineering-graduate-certificate/)
• Electrical Engineering (http://catalog.ucdenver.edu/cu-denver/graduate/schools-colleges-departments/college-engineering-design-computing/electrical-engineering/)
  • Electrical Engineering, MEng (http://catalog.ucdenver.edu/cu-denver/graduate/schools-colleges-departments/college-engineering-design-computing/electrical-engineering/electrical-engineering-meng/)
  • Electrical Engineering, MS (http://catalog.ucdenver.edu/cu-denver/graduate/schools-colleges-departments/college-engineering-design-computing/electrical-engineering/electrical-engineering-ms/)
• Engineering and Applied Science, PhD (http://catalog.ucdenver.edu/cu-denver/graduate/schools-colleges-departments/college-engineering-design-computing/engineering-applied-science-phd/)
• Inworks (http://catalog.ucdenver.edu/cu-denver/graduate/schools-colleges-departments/college-engineering-design-computing/inworks/)
  • Human-Centered Design and Innovation Graduate Certificate (http://catalog.ucdenver.edu/cu-denver/graduate/schools-colleges-departments/college-engineering-design-computing/inworks/human-centered-design-innovation-graduate-certificate/)
• Mechanical Engineering (http://catalog.ucdenver.edu/cu-denver/graduate/schools-colleges-departments/college-engineering-design-computing/mechanical-engineering/)
  • Engineering and Applied Science, PhD (http://catalog.ucdenver.edu/cu-denver/graduate/schools-colleges-departments/college-engineering-design-computing/mechanical-engineering/engineering-applied-science-phd/)
  • Mechanical Engineering, MEng (http://catalog.ucdenver.edu/cu-denver/graduate/schools-colleges-departments/college-engineering-design-computing/mechanical-engineering/mechanical-engineering-meng/)
  • Mechanical Engineering, MS (http://catalog.ucdenver.edu/cu-denver/graduate/schools-colleges-departments/college-engineering-design-computing/mechanical-engineering/mechanical-engineering-ms/)