

ENGINEERING & APPLIED SCIENCE

The College of Engineering and Applied Science has a tradition of excellence in engineering education dating back to 1893, and we continually update and improve our programs to reflect the highest standards in teaching and learning, discovery, innovation, community and culture. We are the top-ranked engineering school in the Rocky Mountain region with 17 baccalaureate programs and 16 graduate programs offering more than 40 degrees. Via our partnership program with Colorado Mesa University, we also offer students on the Western Slope the opportunity to earn degrees in mechanical engineering and civil engineering.

Mission & Vision

The College of Engineering & Applied Science's mission is to generate new knowledge in engineering and related fields, and to equip students from diverse backgrounds to become leaders and citizens responsible for the betterment of individuals and society. Our vision is to be a recognized world leader for excellence and innovation in engineering research and education, with an emphasis on inclusive excellence, active learning and global society.

Degree Programs

Graduate degrees are offered in the following areas:

- Aerospace engineering sciences (<https://catalog.colorado.edu/graduate/colleges-schools/engineering-applied-science/programs-study/aerospace-engineering-sciences/>)
- Architectural engineering (<https://catalog.colorado.edu/graduate/colleges-schools/engineering-applied-science/programs-study/architectural-engineering/>)
- Biomedical engineering (<https://catalog.colorado.edu/graduate/colleges-schools/engineering-applied-science/programs-study/biomedical-engineering/>)
- Biological engineering (<https://catalog.colorado.edu/graduate/colleges-schools/engineering-applied-science/programs-study/chemical-engineering/biological-engineering-doctor-philosophy-phd/>)
- Chemical engineering (<https://catalog.colorado.edu/graduate/colleges-schools/engineering-applied-science/programs-study/chemical-engineering/>)
- Civil engineering (<https://catalog.colorado.edu/graduate/colleges-schools/engineering-applied-science/programs-study/civil-engineering/>)
- Computer science (<https://catalog.colorado.edu/graduate/colleges-schools/engineering-applied-science/programs-study/computer-science/>)
- Creative technology and design (<https://catalog.colorado.edu/graduate/colleges-schools/engineering-applied-science/programs-study/creative-technology-design/>)
- Electrical engineering (<https://catalog.colorado.edu/graduate/colleges-schools/engineering-applied-science/programs-study/electrical-engineering/>)
- Engineering education (<https://catalog.colorado.edu/graduate/colleges-schools/engineering-applied-science/programs-study/engineering-applied-science/engineering-education-doctor-philosophy-phd/>)
- Engineering management (<https://catalog.colorado.edu/graduate/colleges-schools/engineering-applied-science/programs-study/engineering-management/>)
- Environmental engineering (<https://catalog.colorado.edu/graduate/colleges-schools/engineering-applied-science/programs-study/environmental-engineering/>)
- Global engineering (<https://catalog.colorado.edu/graduate/colleges-schools/engineering-applied-science/programs-study/civil-engineering/global-engineering-graduate-certificate/>)
- Materials science and engineering (<https://catalog.colorado.edu/graduate/colleges-schools/engineering-applied-science/programs-study/materials-science-engineering/>)
- Mechanical engineering (<https://catalog.colorado.edu/graduate/colleges-schools/engineering-applied-science/programs-study/mechanical-engineering/>)
- Network engineering (<https://catalog.colorado.edu/graduate/colleges-schools/interdisciplinary-programs/water-engineering-management-graduate-certificate/>)
- Robotics (<https://catalog.colorado.edu/graduate/colleges-schools/engineering-applied-science/robotics-master-science-ms/>)
- Water engineering and management (<https://catalog.colorado.edu/graduate/colleges-schools/interdisciplinary-programs/water-engineering-management-graduate-certificate/>)