

MAJOR IN ELECTRICAL ENGINEERING

You may think that electrical engineering is magic - and it kind of is. Electrical engineering is filled with daring visionaries and bright minds who engage, imagine, and invent. We are the masters of power, energy, light, and systems that can turn science fiction into living, breathing science. We are the force that connects people and technologies with elegant devices that fit in the palm of your hand and colossal systems that are beyond imagination. Is that magic? Almost. And we'd love to show you how it works.

Students choose between three concentrations. The Electrical Engineering (<https://catalog.colostate.edu/general-catalog/colleges/engineering/electrical-computer/electrical-engineering-major-electrical-engineering-concentration/>) concentration covers a broad range of electrical engineering subdisciplines and allows a student to focus on their particular area of interest using technical electives. The Lasers and Optical Engineering (<https://catalog.colostate.edu/general-catalog/colleges/engineering/electrical-computer/electrical-engineering-major-lasers-optical-concentration/>) concentration focuses on optics and waves, optical electronics, optical information processing, and communications. The Aerospace (<https://catalog.colostate.edu/general-catalog/colleges/engineering/electrical-computer/electrical-engineering-major-aerospace-concentration/>) concentration offers students an electrical engineering degree foundation and specialized training in the aerospace discipline, including deep-space communications, robotics, embedded systems, flight avionics, and more.

Concentrations

- Aerospace Concentration (<https://catalog.colostate.edu/general-catalog/colleges/engineering/electrical-computer/electrical-engineering-major-aerospace-concentration/>)
- Electrical Engineering Concentration (<https://catalog.colostate.edu/general-catalog/colleges/engineering/electrical-computer/electrical-engineering-major-electrical-engineering-concentration/>)
- Lasers and Optical Engineering Concentration (<https://catalog.colostate.edu/general-catalog/colleges/engineering/electrical-computer/electrical-engineering-major-lasers-optical-concentration/>)

Career Opportunities

The smarts inside your smart home. The radars and satellites that measure weather and climate. The imaging tools that help physicians peer inside the human body. Electrical engineering makes it all possible. With a degree in electrical engineering, you will have the skills and knowledge to drive innovation in virtually any field. For more than a decade, electrical engineering has ranked among the top majors in demand across a broad range of industries, according to the National Association of Colleges and Employers. That means your knowledge will allow you to make difference in a fulfilling career, while earning a high paying salary.