MASTER OF SCIENCE IN ELECTRICAL ENGINEERING, PLAN B

The Master of Science in Electrical Engineering, Plan B creates capable professionals with depth and breadth of knowledge, as well as the skills and mindset to continue to evolve and grow in a constantly changing high-tech environment. Offering a highly customizable curriculum, this program specializes in the following focus areas: biomedical engineering, communications and signal processing, computer engineering, controls and robotics, electromagnetics and remote sensing, lasers and photonics.

Interested applicants should refer to CSU's Graduate and Professional Bulletin (http://catalog.colostate.edu/general-catalog/graduate-bulletin/) and the Electrical and Computer Engineering website (http://www.engr.colostate.edu/ece/).

Program Learning Objectives

Upon successful completion, students will be able to:

1. Identify, formulate, and solve advanced engineering problems using fundamental electrical engineering principles, methodologies, and tools.
2. Apply in-depth knowledge and creativity in a variety of contexts to achieve a significant technical objective.
3. Demonstrate effective oral and written communication to convey technical concepts to both engineers and non-engineers.
4. Demonstrate professional behavior and understand the ethical, economic, environmental, and societal impacts of their work.