A degree in Engineering Plus will allow me to customize my education and pursue the dreams most important to me.

Melissa McNally
e+ student

ENGINEERING PLUS

Want the flexibility to simultaneously pursue a design-based engineering degree and explore a concentration outside of engineering? If so, Engineering Plus might be the major for you. As an Engineering Plus student, you focus on design, study core engineering concepts, select an engineering emphasis (aerospace, electrical, mechanical, architectural, civil or environmental engineering), plus create a customizable concentration either within or external to engineering. Choose from science or math teacher licensure to pre-med, or economics to art, your customizable concentration allows you to explore your passions.

AN e+ DEGREE PREPARES YOU FOR CAREERS IN
// Teaching science/math
// Product design
// Entrepreneurship
// Technical sales
// Pre-med, law or business

ENGINEERING PLUS IS FOR STUDENTS WHO...
// Want to pursue a customizable, design-based engineering degree
// Are passionate about a concentration area outside of engineering
// Want to become a licensed middle or high school science or math and engineering teacher
// Have a dream to do engineering that may not fit into traditional engineering structures
// Are planning to attend a professional school (e.g., law, medicine, business)

COLLEGE RANKINGS [USNWR]

20th among public undergraduate engineering institutions nationwide

19th among public graduate engineering institutions nationwide
The program focuses on hands-on learning and gives you a competitive edge in engineering design. Design courses span your four year program, preparing you to contribute strong expertise to your senior capstone design team - and beyond!

**DESIGN YOUR OWN DEGREE**

In addition to completing ~33 credit hours of foundational and core engineering courses, Engineering Plus students complete ~20 credit hours in their chosen discipline-based engineering emphasis (aerospace, electrical, mechanical, architectural, civil or environmental engineering), 12-18 credit hours in an approved concentration, 18 credit hours of humanities, ~28 credits of math and science, and additional electives of their choice to total ~128 credit hours. Thus, the Engineering Plus degree is a “Design Your Own” engineering degree! All students meet with an Engineering Plus advisor prior to registration to ensure their customized course choices meet the program requirements.

**CU TEACH ENGINEERING CONCENTRATION**

Couple your passion for teaching with engineering design!

The unique **CU Teach Engineering** concentration is for Engineering Plus students interested in pursuing a secondary school (grades 7-12) math or science teacher licensure. This flexible and multi-faceted professional career pathway provides a deep exposure to engineering design, which is proven to be a valuable approach to grades 7-12 science and math learning. CU Teach Engineering integrates design-focused engineering curriculum, extensive science or math content, education pedagogy courses, and student teaching to create uniquely qualified STEM educators.

**DID YOU KNOW?**

The program focuses on hands-on learning and gives you a competitive edge in engineering design. Design courses span your four year program, preparing you to contribute strong expertise to your senior capstone design team - and beyond!

**DESIGN YOUR OWN e+ CONCENTRATIONS:**
- STEM TEACHER LICENSURE
- ENTREPRENEURSHIP
- ENGINEERING MANAGEMENT
- TECHNOLOGY, ARTS & MEDIA
- BUSINESS MINOR
- PRE-MED
- SUSTAINABILITY
- ECONOMICS
- APPLIED MATHEMATICS
- ...AND MORE!

Concentrations must be pre-approved by the Engineering Plus program.

College of Engineering & Applied Science