



CU

New Student Orientation

UNIVERSITY OF COLORADO DENVER

COLLEGE OF ENGINEERING, DESIGN AND COMPUTING



College of Engineering, Design and Computing
UNIVERSITY OF COLORADO **DENVER**

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UNIVERSITY STRUCTURE

The schools and colleges within CU Denver:

- College of Arts and Media (CAM)
- Business School (BUS)
- **College of Engineering, Design and Computing (CEDC)**
- College of Liberal Arts and Sciences (CLAS)
- School of Public Affairs (SPA)
- College of Architecture and Planning (CAP)

Engineering undergraduate programs:

- Bioengineering, B.S.
- Civil Engineering, B.S.
- Computer Science B.A. (CS+ program)
- Computer Science, B.S.
- Construction Engineering and Management, B.S.
- Construction Management, B.S.
- Cybersecurity, B.S. (*new program*)
- Electrical Engineering, B.S.
- Mechanical Engineering, B.S.

Check out all engineering undergraduate programs:

<https://engineering.ucdenver.edu/undergraduate-programs>



College of Engineering,
Design and Computing
has more than

1,800
students

9
undergraduate
degrees

5
departments



ACADEMIC ADVISING

Who is an advisor?

Academic advising in the College of Engineering, Design and Computing is a partnership between students and advisors. We create and sustain an inclusive and supportive learning environment where students are engaged to create meaningful academic and professional plans through collaborative advising relationships that foster student success and degree completion. Students can identify their assigned CEDC Advisor in the "Advisor" box in their Student Center on UCDAccess.

CEDC Advisors:

The advisor's role is to provide curriculum guidance, information on campus resources, promote student success, and help the student progress towards educational and career goals.

Specifically, the advisor will:

- Clarify university and college academic policies and deadlines
- Explain program requirements, policies and procedures
- Empower students to use degree audit and planning tools
- Connect students to the campus and campus resources
- Help students make informed decisions about course registration and academic plans
- Support students through degree completion and empower them to achieve their academic goals.
- Determine students' graduation eligibility
- Discuss career and graduate school opportunities

All CEDC students are required to meet with their academic advisor once a semester. A registration hold will be on your account until this meeting.

CEDC Students:

The student's role in advising is to come prepared to appointments, ask questions and take responsibility for actions and decisions that affect academic progress.

Students commit to:

- Meet regularly with assigned CEDC advisor
- Know where to locate (or gain familiarity with) university and college policies and deadlines
- Learn program requirements, policies and procedures
- Discuss and set academic and career goals with the assistance of advisors
- Use available resources (degree audit, transcript, program handouts, etc.) to track academic progress and maintain individual records of progress
- Choose and enroll in courses
- Understand campus resources and seek help when needed
- Understand the importance of and practice professionalism and ethical behavior

Check UCDaccess portal to find out who your assigned advisor is:



TRANSFER CREDITS



Common types of transfer credits:

01 Advanced Placement (AP)

02 International Baccalaureate (IB)

03 Concurrent Enrollment

04 Military credits

Faxed transcripts will not be accepted. Electronically delivered transcripts are only accepted through Parchment/Docufide, SENDeDu, etc. and are considered official when received. To send transcripts electronically from a verified sender/school, please send to: admissionstranscript@ucdenver.edu.

Office of Admissions mailing address:

University of Colorado Denver
Office of Admissions
Campus Box 167
PO Box 173364
Denver, CO 80217-3364

Questions? 303-315-2601 or admissions@ucdenver.edu

Check out Step 3 on this page:
www.ucdenver.edu/transfer/admission

Learn more about transfer credits in the university catalog:
<https://catalog.ucdenver.edu/cu-denver/undergraduate/records-registration/transfer-credit/>



MATH PLACEMENT

ALEKS Math Placement Test

All engineering students are required to take ALEKS placement test. Exceptions are made for those students who have taken certain college-level math courses or AP/IB exams.

The STEM math pathway consists of four course levels.

- College Algebra
- Trigonometry
- Precalculus
- Calculus

The ALEKS study tool is designed to help you succeed in getting where you want to go most efficiently. Depending on the math requirements for your degree, making use of ALEKS could save you a semester of math, and valuable tuition dollars.

Ready to take your assessment?
ALEKS informational guide

PLAN YOUR DEGREE

Degree Audit Reporting System (DARS), Planner, Scheduler

It can be very frustrating to discover you're further from your goal than you thought. Avoid an unpleasant surprise and track your degree carefully with the many tools available to you. Know the courses needed to complete your degree by regularly conducting an informal degree audit and by meeting with your advisor regularly to officially chart your course.

Track your progress toward your degree and use the degree audit tools in your UCDAccess student portal to help you plan and schedule the right classes. Be sure to work with your advisor to successfully manage your degree progress to graduation.

Go to this page to learn how to access your degree planning tools.

www.ucdenver.edu/student/registration-planning/plan-your-degree#DegreeAudit



SCHEDULING CONSIDERATIONS

Core Curriculum Courses:

- English Composition
6 credits
- Arts
3 credits
- Humanities
3 credits
- Social Science
3 credits
- Behavioral Science
3 credits
- International Perspectives
3 credits
- Cultural Diversity
3 credits

**Math and biological/physical science component are met through engineering curriculum.*

Terms to Know:

Credit hour

corresponds to a minimum of 3 hours of student engagement per week in the classroom.

Full-time academic course load

12-18 credit hours in fall/spring semesters; 6 credits in summer.

You need approx..15+ credits each term (about 5 classes) fall/spring to be on a 4-year degree track. Each student has different responsibilities and circumstances in and outside of school, so your schedule might be different than your classmate's.

Core Curriculum

General education requirements that all students must complete.

Major

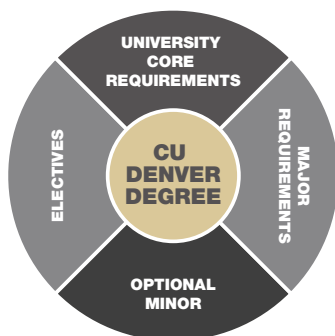
The area of study chosen to be a student's main area of focus. The number of classes required for a major varies.

Minor

An optional course of study that allows a student to take several courses in one area. Minors require significantly fewer classes than majors and are optional.

Technical Electives

Upper-division required classes taken in an area of interest within your major.



HOW TO SCHEDULE

First semester schedule

Recommended first-year courses:
It is important to create a balanced schedule, consider registering for a combination of the following courses:

Major class(es)
MATH 1XXX
(your advisor will help you determine the right math course)

First-year experience course(s):
UNIV 1110 (FREE 1-credit college success course)

First-year seminar which will count for CU Denver core

Introductory courses for Engineering Students:

Introductory courses by your major of interest:

- BioEngineering: BIOE 1010
- Civil Engineering: CVEN 1067, ENGR 1200
- Computer Science: CSCI 1410 and 1411, ENGR 1200
- Construction Engineering & Management: CEMT 1000, ENGR 1200
- Construction Management: CEMT 1000, ENGR 1200
- Electrical Engineering: ELEC 1510, ENGR 1200
- Mechanical Engineering: MECH 1025, ENGR 1200

FREQUENTLY ASKED QUESTIONS

**How many credits do I need to take to be a full-time student?**

At least 12 credits per semester (usually four classes). Full-time academic load is anywhere from 12 to 18 credits per semester.

What are credits?

Numerical value of measurement given to a class (most degrees require 120 credits to graduate. Engineering requires 120-131 credits to graduate)

Do classes meet every day?

No, classes are typically held two days a week (e.g. Mon/Wed or Tues/Thurs)

How long are classes?

Most are an hour and 15 minutes

How many credits should I enroll in to graduate in 4 years?

Take around 15 credit hours during fall and spring semesters or a combination of 30 credit hours during a calendar year to graduate in 4 years.

Can I take classes online?

Yes, but consult your academic advisor first.

How often should I see my academic advisor?

All undergraduate engineering students are required to meet with their advisor once each semester (fall and spring) to discuss their academic progress, make a plan for future semester, and address any questions/concerns you might have.

How often should I check my email?

Your CU Denver email is the official way of communicating with your faculty, advisors, and various campus offices. Check your email daily to stay on top of important information. PRO TIP! Add your email to your phone to be able to easily access your email.

Contact Us :

Bioengineering

Email: bioengineering@ucdenver.edu

Undergraduate: 303-315-7576

Electrical Engineering

Email: electrical@ucdenver.edu

Phone: 303-315-7520

Civil Engineering

Email: civilengineering@ucdenver.edu

Phone: 303-315-7160

Mechanical Engineering

Email: mechanical@ucdenver.edu

Phone: 303-315-7500

Computer Science

Email: computerscience@ucdenver.edu

Phone: 303-315-1408

Pre-engineering

Email: engineering@ucdenver.edu

Phone: 303-315-7170



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