CU

New Student Orientation

UNIVERSITY OF COLORADO DENVER

COLLEGE OF ENGINEERING, DESIGN AND COMPUTING

College of Engineering, Design and Computing

UNIVERSITY OF COLORADO **DENVER**

TABLE OF
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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

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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:

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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
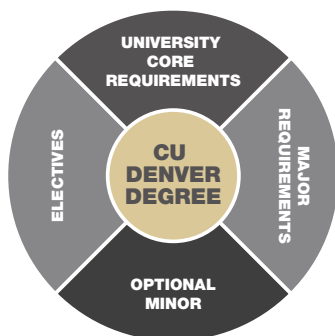students must complete.

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.

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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

College Success (UNIV 1110) for Engineering Students:

UNIV 1110-024: Computer Science Section (Open to Computer Science majors only)	Tuesday	9:30am-10:45am
UNIV 1110-025: Engineering Section (Open to Engineering and Pre-Engineering majors only)	Tuesday	11:00am-12:15pm
UNIV 1110-026: Engineering Section (Open to Engineering and Pre-Engineering majors only)	Wednesday	9:30am-10:45am
UNIV 1110-027: Engineering Section (Open to Engineering and Pre-Engineering majors only)	Wednesday	11:00am-12:15pm
UNIV 1110-028: Engineering Section (Open to Engineering and Pre-Engineering majors only)	Thursday	9:30am-10:45am
UNIV 1110-029: Engineering Section (Open to Engineering and Pre-Engineering majors only)	Thursday	11:00am-12:15pm

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LEARNING
COMMUNITY

Engineering Learning Community

Join the Engineering Learning Community and explore the world of engineering with like-minded students. You're eligible to enroll in this LC if you're one of these majors—Bio-Engineering, Civil Engineering, Computer Science, Electrical Engineering, Mechanical Engineering, Pre-Engineering, or Math. You will benefit from a connected curriculum (three courses) that fosters collaboration and community, as well as smaller class sizes!

- A connected curriculum that fosters collaboration and community, as well as smaller class sizes. Courses include freshman design, core composition I and II, and calculus I and II.

- Composition and calculus courses integrate a science-based curriculum

- Peer mentorship—all undergraduates are paired with a current junior or senior engineering student and meet weekly to get advice about academics, time management, campus life, etc.

- SCHOLARSHIPS! Apply for up to $10,000 in scholarships per year, for two years, funded by the National Science Foundation.

Course	Day	Time
MATH 1130-111: Pre-Calculus Mathematics *or*	Monday, Tuesday, Wednesday, Thursday	10:00 a.m. -10:50 a.m.
MATH 1411-111: Calculus I *or*	Monday, Tuesday, Wednesday, Thursday	11:00 a.m. -11:50 a.m.
MATH 2411-111: Calculus II *and*	Tuesday and Thursday	2:00 p.m. - 3:50 p.m.
ENGR 1200-111: Interdisciplinary Freshman Design *and*	Monday and Wednesday	12:30 p.m. - 1:45 p.m.
ENGL 1020-111: Core Composition I *or*	Monday and Wednesday	2:00 p.m. - 3:15 p.m.
ENGL 2030-111: Core Composition II	Monday and Wednesday	3:30 p.m. - 4:45 p.m.

MENTOR
COLLECTIVE

Every Student Deserves a Mentor
Join the CEDC First Year Mentor Collective

CU Denver's College of Engineering, Design, and Computing is partnering with Mentor Collective to offer incoming students a relevant, trained peer mentor. There's no cost or obligation to participate, but mentors can help students set and achieve goals, make connections, and prepare for their future career.

Incoming students will be connected with a upper-division CU Denver student based on interests, area of study, needs, and preferences.

Are you an incoming CU Denver Engineering student?
Sign-up here to connect with a mentor:

bit.ly/CEDC-Peer-Mentee

How Does it Work?
1. Sign up using the link above
2. Complete a survey about yourself
3. Get matched with a relevant mentor
4. Connect with your match regularly throughout the year
5. Talk about what's important to you and your match
6. Conduct monthly in-person or virtual meetings with your match throughout the year

For additional questions or receive the sign-up link via email, please contact Mentor Collective directly at help@mentorcollective.org

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ACADEMIC CALENDAR
FALL 2022

Main Session	Date	Important Notes
First day to apply for Fall Graduation via UCDAccess	April 1, 2022	
Registration begins for Fall Semester via UCDAccess	April 1 - 18, 2022	Check UCDAccess for your specific registration date and time assignment. For best course selection, register as soon as possible after your registration time assignment.
Open enrollment begins for Fall Semester via UCDAccess	April 19, 2022	
First day of Fall semester classes	August 22, 2022	
Last day to waitlist Fall classes using UCDAccess	August 28, 2022	
Last day to drop a Fall class without a $100 drop charge	August 29, 2022	All waitlists will be eliminated today.
First day instructor approval may be required to add some Fall classes	August 29, 2022	If unable to enroll in UCDAccess because "Instructor Consent is Required", obtain instructor approval on a Schedule Adjustment Form.
Labor Day Holiday	September 5, 2022	No classes. Campus closed.
Census	September 7, 2022	
Last day to add Fall classes in UCDAccess	September 7, 2022	
Last day to add Fall classes with instructor consent on the Schedule Adjustment form	September 7, 2022	If unable to enroll in UCDAccess because "Instructor Consent is Required", obtain instructor approval on a Schedule Adjustment Form.
Last day to drop Fall classes with a financial adjustment	September 7, 2022	
Fall classes dropped after this date will appear on your transcript with a grade of "W"	September 7, 2022	
Full tuition will be charged for additional Fall classes added after this date	September 7, 2022	College Opportunity Fund hours will not be deducted from eligible student's lifetime hours.
Last day to apply for Fall graduation via UCDAccess	September 7, 2022	After this date, contact your advisor.
Last day to request or cancel Grade Forgiveness for Fall Semester	September 7, 2022	Refer to the Grade Forgiveness form for restrictions.

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ACADEMIC CALENDAR
FALL 2022

Main Session	Date	Important Notes
Last day to request No Credit or Pass/Fail grade for a Fall class	October 30, 2022	Graduate degree students can exercise the P/F option for undergraduate courses only. Graduate students should consult their school or college regarding the P/F option. A grade of P will not be acceptable for graduate credit to satisfy any Graduate School requirement.
Last day to withdraw from a Fall class via UCDAccess	October 30, 2022	
First day to withdraw from a Fall class with a Late Withdraw Petition form	October 31, 2022	
Registration begins for Spring Semester via UCDAccess	Nov. 1, 2022 - Nov. 16, 2022	Check UCDAccess for your specific registration date and time assignment. For best course selection, register as soon as possible after your registration time assignment.
Open enrollment begins for Spring Semester via UCDAccess	November 17, 2022	
Fall Break	November 21 - 27, 2022	No classes. Campus open.
Thanksgiving Day	November 24, 2022	No classes. Campus closed.
Last day to withdraw from a Fall class with a Late Withdraw Petition form	December 7, 2022	
Fall Finals week	December 12-17, 2022	
End of Fall semester - Commencement	December 17, 2022	
Final Fall Semester grades available on UCDAccess and transcripts (tentative)	December 22, 2022	
Winter Break	Dec. 25, 2022 - Jan. 1, 2023	No classes. Campus closed.
Fall degrees posted on UCDAccess and transcripts (tentative)	January 18, 2023	This is the date your degree will be recorded on your transcript; diplomas begin mailing on February 8th.

Important Information
Refer to the Residency website for important deadlines pertaining to In-State Tuition Rate qualification.
Refer to the College Opportunity Fund (COF) website for important deadlines pertaining to the COF stipend for eligible undergraduate students paying in-state tuition.
Additional Billing/Financial Information: Students are responsible for complying with tuition/fees deadlines. All registered students must access their student account and billing information through UCDAccess. You will also receive an electronic bill to your university email account.
Intensive and Module classes require the same amount of work and number of classroom hours as full-term classes. Intensive classes are less than five weeks. Module classes last five or more weeks, but less than full term. Module/intensive classes may be added up until the first day of the class. After the first day of class, late starting module or intensive classes may be added with the instructor's signature approval. Instructor approval is not required to drop the class within the first 15% of class meetings.

FREQUENTLY ASKED
QUESTIONS

FAQs

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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