

ACADEMIC ADVISING

Partnering with students to successfully navigate college

Location: Main Hall 208

Phone: 719.255.3260

Website: [Academic Advising](https://www.uccs.edu/advising)

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Current UCCS Students

- Appointments: www.uccs.edu/advising/current-students

Prospective Students: www.uccs.edu/admissions/contact

GENERAL ACADEMIC INFORMATION

Minimum Requirements

- 64-67 credit hours for transfer to CU Boulder or CU Denver
- 2.0 CU cumulative GPA
- **Transfer to CU Boulder or CU Denver is required to complete the bachelor's degree in Civil Engineering. Students who remain at UCCS may apply their coursework to a B.S in Mechanical Engineering. See the College of Engineering website (below) for more information.**

Student Responsibilities

Students are required to know and follow:

- All academic policies set forth by the University, College, and academic department in the UCCS Catalog: catalog.uccs.edu
- All course prerequisites designated by the University. Failure to meet course prerequisites may result in an administrative drop of the course from a student's schedule. See degree audit for course prerequisites within the academic major.

PATHWAY REQUIREMENTS

Civil Engineering 2+2 Pathway Information: [Civil Engineering 2+2 Pathway | College of Engineering and Applied Science \(uccs.edu\)](https://www.uccs.edu/college-of-engineering-and-applied-science/civil-engineering-2+2-pathway)

Civil Engineering 2+2 Pathway Requirements				
Civil Engineering Pathway Courses	Civil Engineering Core Courses (12-21 hours)			
	Course	Title	For Transfer To CU	Credit Hours
• All courses must be completed with a grade of "C-" or better for transfer to CU Boulder or CU Denver. • All Calculus courses require a "C" or better as prerequisites to subsequent MATH courses. • A minimum overall GPA of 2.0 must be maintained on all MAE course work. NOTE: This Pathway does not lead to a bachelor's degree at UCCS. Students who choose to complete their degree at UCCS will need to complete additional coursework to meet graduation requirements. <i>Students must be admitted into the College of Engineering in order to take any MAE coursework.</i>	MAE 1502	Principles of Mechanical Engineering	Boulder & Denver	3
	MAE 1503	Intro to Engineering Design	Boulder & Denver	3
	MAE 2055	Mech-Etronics I	Boulder only	3
	MAE 2103	Statics	Boulder & Denver	3
	MAE 2104	Dynamics	Boulder only	3
	MAE 2301	Engineering Thermodynamics I	Boulder only	3
	MAE 3201	Mechanics of Materials	Boulder & Denver	3
	Mathematics Courses (18-21 hours)			
	MATH 1350	Calculus I	Boulder & Denver	4
	MATH 1360	Calculus II	Boulder & Denver	4
	MATH 2350	Calculus III	Boulder & Denver	4
	MATH 3130	Introduction to Linear Algebra	Boulder & Denver	3
	MATH 3400	Introduction to Differential Equations	Boulder & Denver	3
	MATH 3810	Introduction to Probability and Statistics	Denver only	3
	Basic Science Courses (10-13 hours)			
	CHEM 1401	General Chemistry I	Boulder & Denver	4
	CHEM 1402	General Chemistry Lab I	Boulder & Denver	1
	PES 1110	General Physics I – Calculus Based	Boulder & Denver	4
	PES 1120	General Physics II	Boulder only	4
	PES 1160	Advanced Physics Lab I	Denver only	1
	Computing Course (3 hours)			
	MAE 1090	Introduction to Structured Programming	Boulder & Denver	3
	Writing Skills (3-6 hours)			
	ENGL 1310	Rhetoric & Writing I	Denver & Denver	3
	TCID 2090	Technical Writing & Presentation	Boulder & Denver	3
Humanities/Social Science Electives (6-12 hours)	Choose courses from the Compass Curriculum Explore categories of Arts, Humanities and Cultures and/or Society, Behavior and Health (see degree audit). Check Transferology to be sure that the selected courses carry the HSS flag at CU Boulder, or fulfill a category for CU Denver's Core Curriculum . CU Boulder requires 3 hours of Humanities and 3 hours of Social Science coursework for transfer. Contact your Academic Advisor for suggestions.			9-15

TWO-YEAR DEGREE PLANS for Transfer

Please note that these are sample degree plans and your sequence may vary. **Students are responsible for completing all course prerequisites.**

CU BOULDER 2-year Plan (67 credit hours)

Year One	✓	FALL	Hours	✓	SPRING	Hours
		MATH 1350	4		MATH 1360	4
		PES 1110	4		PES 1120	4
		MAE 1502	3		MAE 1503	3
		MAE 1090	3		CHEM 1401/1402	5
		ENGL 1310	3		MATH 2350 (summer semester)	4
		TOTAL	17		TOTAL	16/4

Year Two	✓	FALL	Hours	✓	SPRING	Hours
		MATH 3130	3		MAE 2104	3
		MATH 3400	3		MAE 2301	3
		MAE 2055	3		MAE 3201	3
		MAE 2103	3		TCID 2090	3
		Humanities Elective	3		Social Science Elective	3
		TOTAL	15		TOTAL	15

CU DENVER 2-year Plan (64 credit hours)

Year One	✓	FALL	Hours	✓	SPRING	Hours
		MATH 1350	4		MATH 1360	4
		PES 1110	4		CHEM 1401	4
		PES 1160	1		CHEM 1402	1
		MAE 1502	3		MAE 1503	3
		ENGL 1310	3		TCID 2090	3
					MATH 2350 (summer semester)	4
		TOTAL	15		TOTAL	15/4

Year Two	✓	FALL	Hours	✓	SPRING	Hours
		MATH 3130	3		MATH 3400	3
		MAE 1090	3		MATH 3810	3
		MAE 2103	3		MAE 3201	3
		Humanities/Social Science Elective*	3		Humanities/Social Science Elective*	3
		Humanities/Social Science Elective*	3		Humanities/Social Science Elective*	3
		TOTAL	15		TOTAL	15

***NOTE: Recommended Humanities/Social Science courses for CU Denver are listed below. Choose one course from four of the five CU Denver Core Curriculum categories listed below.**

- Core Arts: AH 1000 or MUS 1000
- Core Humanities: PHIL 1020 or PHIL 1120
- Core Behavioral Sciences: COMM 1050 or PSY 1000
- Core Social Sciences: ECON 1010 or GES 1980
- International Perspectives: PHIL 3100 or PSCI 1010

The courses recommended above for the CU Denver Core Curriculum will fulfill some of the UCCS Compass Curriculum requirements. Students who transfer to CU Boulder or CU Denver to complete the Civil Engineering degree are not required to complete Compass Curriculum. However, it will be required for those who do not transfer. See your degree audit or contact your academic advisor for more information.