

ACADEMIC ADVISING

Partnering with students to successfully navigate college

Location: Main Hall 208
Phone: 719.255.3260
Website: www.uccs.edu/advising

Connect With Your Advisor

Current UCCS Students

- Appointments: www.uccs.edu/advising/current-students
- Drop In Advising: Most Wednesdays, 1:00pm - 4:00pm

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

GENERAL ACADEMIC INFORMATION

Minimum Minor Requirements

1. 23 credit hours
2. 23 upper-division credit hours (3000-4999 level)
3. 2.0 Minor GPA
4. Residency: Last 17 credit hours of the minor must be completed while registered at UCCS

NOTE: Speak with an academic advisor in Main Hall, 2nd floor, to declare a minor.

Student Responsibilities

Students are required to know and follow:

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

MINOR INFORMATION

Minor Requirements				
Aerospace Engineering Minor (23 hours)	Course/Area	Course Title	Credit Hours	
All classes must be completed with a grade of C or better.	MAE 3401	Modeling & Simulation of Dynamic Systems	3	
	MAE 4135	Aerodynamics	3	
	MAE 4410	Fundamentals of Astrodynamics	3	
	MAE 4421	Automatic Control of Aerospace & Mechanical Systems	3	
	MAE 4510	Engineering Design I	2	
	MAE 4511	Engineering Design II	3	
	Aerospace Engineering Electives: Complete 6 hours from the following list:			
	MAE 4000	Mechanical & Aerospace Engineering Seminar	6	
	MAE 4021	Numerical Methods with MATLAB for Aerospace Engineering		
	MAE 4130	Intermediate Fluid Mechanics		
	MAE 4316	Propulsion		
	MAE 4402	Intermediate Dynamics		
	MAE 4415	Flight Dynamics		
	MAE 4425 or MAE 5091	Space Environment		
	MAE 5125	Advanced Dynamics		
	MAE 5130	Incompressible Flow		
	MAE 5131	Computational Fluid Mechanics		
	MAE 5140	Compressible Flow		
	MAE 5145	Hypersonics		
	MAE 5391	Rocket Propulsion		
	MAE 5419	Trajectory Optimization		
	MAE 5424	Spacecraft Attitude, Dynamics & Control		
	MAE 9510	Special Topics: Graduate (Radiation Only)		
	Total	23		