

ACADEMIC ADVISING

Partnering with students to successfully navigate college

Location: Main Hall 208

Phone: 719.255.3260

Website: [Academic Advising](http://www.uccs.edu/academic-advising)

Connect With Your Advisor

Current UCCS Students

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

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

GENERAL ACADEMIC INFORMATION

Minimum Graduation Requirements

- 120 credit hours
- 45 upper-division credit hours (3000-4999 level)
- 2.0 CU cumulative GPA
- Residency: Last 30 credit hours of degree must be completed while registered in the College of Letters, Arts, and Sciences at UCCS

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.

DEGREE REQUIREMENTS

Explore Mathematics: [B.S. Program](http://www.uccs.edu/math) | [Department of Mathematics \(uccs.edu\)](http://www.uccs.edu/math)

Major Requirements			
	Course/Area	Course Title	Credit Hours
<p>MATH Major (BS) (45 hours)</p> <p>The BS in Mathematics major requires a minimum of 45 credit hours of MATH course work and a minimum of 30 credit hours of upper-division (3000+ level) MATH course work.</p> <p>All MATH courses must have a grade of "C" or better.</p>	MATH 1350	Calculus I	4
	MATH 1360	Calculus II	4
	MATH 2150	Discrete Mathematics	3
	MATH 2350	Calculus III	4
	MATH 3110	Theory of Numbers	3
	MATH 3130	Introduction to Linear Algebra	3
	MATH 3210	Introduction to Geometry	3
	MATH 3400	Introduction to Differential Equations	3
	MATH 3410	Introduction to Analysis	3
	MATH 3480	Functions and Modeling	3
	OR UTLS 3480	Functions and Modeling	
	MATH 3810	Introduction to Probability & Statistics	3
	MATH 4140	Modern Algebra	3
	OR MATH 4310	Modern Analysis I	
MATH Electives	Complete 6 additional hours of MATH courses numbered 4000 or higher		6
<p>UCCS Teach Courses (30 hours)</p> <p>A grade of "B-" or better must be earned in all UCCS Teach courses.</p> <p>Courses should be taken in the appropriate semester. See the four-year plan for details.</p>	UTED 1030	Inquiry Approaches/Lesson Plan Design for Secondary Math/Science Teaching	3
	UTED 2010	Knowing and Learning in Mathematics and Science	3
	UTED 3020	Classroom Interactions	3
	UTED 4710	Project-Based Instruction	3
	UTED 4720	Reading in the Content Area	3
	UTED 4730	Apprentice Teaching UCCS Teach and Seminar	12
	UTLS 3030	Perspectives on Science and Math	3

General Education and Elective Requirements

Core Writing Requirement (6 hours)	<ul style="list-style-type: none"> ENGL 1310, 1308, or 1305 (<i>Students choosing ENGL 1305 must complete ENGL 1300 first.</i>) ENGL 1410 PORT 3000 (0 Credits) – Writing Portfolio 																				
Reasoning Skills	<ul style="list-style-type: none"> MATH 1350 (included in major requirements) MATH 3810 (included in major requirements) 																				
Core Humanities (3 hours)	<ul style="list-style-type: none"> HUM 3990 <ul style="list-style-type: none"> This course also fulfills Navigate and one Writing Intensive course. 																				
Natural Sciences Lab (1 hour)	<ul style="list-style-type: none"> See Degree Audit <ul style="list-style-type: none"> This can be taken as part of an Explore – PNW course that has a lab component 																				
Oral Communication	<ul style="list-style-type: none"> UTED 4730 (<i>Apprentice Teaching</i>) 																				
LAS Language other than English Requirement	Complete two semesters of a language other than English equivalent to 1010 & 1020 with high school, transfer, placement exam, or UCCS coursework. <i>Courses taken to fulfill this requirement may also count toward Compass Curriculum Explore - Arts, Humanities and Cultures or general electives. See degree audit for details.</i>																				
Compass Curriculum (18 hours) <ul style="list-style-type: none"> Explore and Navigate courses must be outside major requirements Writing Intensive, Inclusiveness, and Sustainability courses can count towards other requirements within degree 	<table border="1"> <thead> <tr> <th>Component</th> <th>Course</th> </tr> </thead> <tbody> <tr> <td>Gateway Program Seminar</td> <td>GPS 1010</td> </tr> <tr> <td>Explore – Arts, Humanities and Cultures (2 courses)</td> <td>See Degree Audit</td> </tr> <tr> <td>Explore – Society, Behavior and Health (2 courses)</td> <td> <ul style="list-style-type: none"> UTED 1030 (included in UCCS Teach requirements) See Degree Audit </td> </tr> <tr> <td>Explore – Physical and Natural World (2 courses)</td> <td>See Degree Audit</td> </tr> <tr> <td>Navigate</td> <td>HUM 3990 (included in LAS gen ed requirements)</td> </tr> <tr> <td>Summit</td> <td>UTED 4730 (included in UCCS Teach requirements)</td> </tr> <tr> <td>Writing Intensive Courses (WIC) (2 courses)</td> <td> <ul style="list-style-type: none"> HUM 3990 (included in LAS gen ed requirements) UTED 4720 (included in UCCS Teach requirements) </td> </tr> <tr> <td>Inclusiveness (2 courses)</td> <td>See Degree Audit</td> </tr> <tr> <td>Sustainability</td> <td>See Degree Audit</td> </tr> </tbody> </table>	Component	Course	Gateway Program Seminar	GPS 1010	Explore – Arts, Humanities and Cultures (2 courses)	See Degree Audit	Explore – Society, Behavior and Health (2 courses)	<ul style="list-style-type: none"> UTED 1030 (included in UCCS Teach requirements) See Degree Audit 	Explore – Physical and Natural World (2 courses)	See Degree Audit	Navigate	HUM 3990 (included in LAS gen ed requirements)	Summit	UTED 4730 (included in UCCS Teach requirements)	Writing Intensive Courses (WIC) (2 courses)	<ul style="list-style-type: none"> HUM 3990 (included in LAS gen ed requirements) UTED 4720 (included in UCCS Teach requirements) 	Inclusiveness (2 courses)	See Degree Audit	Sustainability	See Degree Audit
	Component	Course																			
	Gateway Program Seminar	GPS 1010																			
	Explore – Arts, Humanities and Cultures (2 courses)	See Degree Audit																			
	Explore – Society, Behavior and Health (2 courses)	<ul style="list-style-type: none"> UTED 1030 (included in UCCS Teach requirements) See Degree Audit 																			
	Explore – Physical and Natural World (2 courses)	See Degree Audit																			
	Navigate	HUM 3990 (included in LAS gen ed requirements)																			
	Summit	UTED 4730 (included in UCCS Teach requirements)																			
Writing Intensive Courses (WIC) (2 courses)	<ul style="list-style-type: none"> HUM 3990 (included in LAS gen ed requirements) UTED 4720 (included in UCCS Teach requirements) 																				
Inclusiveness (2 courses)	See Degree Audit																				
Sustainability	See Degree Audit																				
General Electives (17 hours)	Complete additional courses to meet total and upper-division requirements for your degree program.																				

FOUR-YEAR DEGREE PLAN

Please note that this is an *example* degree program and your program may vary. **Students are responsible for completing all course prerequisites.**

Year One	✓	FALL	Hours	✓	SPRING	Hours
			ENGL 1310	3		ENGL 1410
		MATH 1350	4		MATH 1360	4
		GPS 1010	3		Explore – Society, Behavior and Health Course	3
		Explore – Arts, Humanities & Cultures Course	3		Explore – Physical & Natural World Course	3
		General Elective	3		UTED 1030	3
		TOTAL	16		TOTAL	16

Year Two	✓	FALL	Hours	✓	SPRING	Hours
			MATH 2350	4		MATH 3810
		MATH 2150	3		MATH 3110	3
		UTED 2010	3		UTED 3020	3
		Explore – Arts, Humanities & Cultures Course	3		Explore – Physical & Natural World Course	3
		General Elective (<i>Inclusiveness</i>)	3		Natural Science Lab	1
					General Elective	2
		TOTAL	16		TOTAL	15

Year Three	✓	FALL	Hours	✓	SPRING	Hours
			MATH 3130	3		MATH 3400
		MATH 3210	3		MATH 3410	3
		MATH 3480 or UTLS 3480 (<i>fall only</i>)	3		MATH 4140 (<i>spring only</i>) or MATH 4310 (<i>fall only</i>)	3
		UTED 4720 (<i>fall only</i>)	3		UTLS 3030 (<i>spring only</i>)	3
		General Elective (<i>Sustainability</i>)	3		General Elective	3
		TOTAL	15		TOTAL	15

Year Four	✓	FALL	Hours	✓	SPRING	Hours
			MATH 4000-level Elective	3		UTED 4730
		MATH 4000-level Elective	3			
		HUM 3990	3			
		UTED 4710	3			
		General Elective (<i>Inclusiveness</i>)	3			
		TOTAL	15		TOTAL	12

NOTE: Students must complete all course requirements other than UTED 4730 before the final semester.