

## ACADEMIC ADVISING

### Partnering with students to successfully navigate college

**Location:** Main Hall 208

**Phone:** 719.255.3260

**Website:** [www.uccs.edu/advising](http://www.uccs.edu/advising)

### Connect With Your Advisor

Current UCCS Students

- Appointments: [www.uccs.edu/advising/current-students](http://www.uccs.edu/advising/current-students)

- Drop In Advising: Most Wednesdays, 1:00pm - 4:00pm

Prospective Students: [www.uccs.edu/admissions/contact](http://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](http://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 | Department of Mathematics \(uccs.edu\)](http://B.S.Program|DepartmentofMathematics(uccs.edu))

Major Requirements			
MATH Major (BS) (46 hours)	Course/Area	Course Title	Credit Hours
<p>The BS in MATHEMATICS major requires a minimum of 46 credit hours of MATH course work and a minimum of 31 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 2650	Introduction to Computational Math	1
	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
<b>UCCS Teach Courses</b> (30 hours)			
<ul style="list-style-type: none"> <li>• A grade of "B-" or better must be earned in all Education courses.</li> <li>• Courses should be taken in the appropriate semester. See the four-year plan for details.</li> </ul>	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

<b>Core Writing Requirement</b> (6 hours)	<ul style="list-style-type: none"> <li>ENGL 1310, 1308, or 1305 (<i>Students choosing ENGL 1305 must complete ENGL 1300 first.</i>)</li> <li>ENGL 1410</li> <li>PORT 3000 (0 Credits) – Writing Portfolio</li> </ul>	
<b>Reasoning Skills</b> (0 hours)	Included in Major requirements	
<b>Area Requirements</b> (27 hours)	<ul style="list-style-type: none"> <li>Humanities – 9 credit hours of which 3 credits must be HUM3990.</li> <li>Social Sciences – 9 credit hours</li> <li>Natural Sciences – 9 credits hours, of which at least 1 credit must be from a lab course</li> </ul> <p><b>NOTE:</b> Cannot select courses from primary major courses for area requirements.</p>	
<b>Oral Communication, Cultural Diversity, and Global Awareness Requirements</b>	One course from each list (see degree audit). <i>All courses that fulfill these requirements may also count towards other general education or major requirements.</i>	
<b>Compass Curriculum</b> (12 hours)	<b>Component</b>	<b>Course</b>
	<b>Gateway</b>	GPS 1010
	<b>Explore – Arts, Humanities and Cultures</b>	See Degree Audit
	<b>Explore – Society, Behavior and Health</b>	See Degree Audit
	<b>Explore – Physical and Natural World</b>	See Degree Audit
	<b>Navigate</b>	HUM 3990 (included in LAS area requirements)
	<b>Summit</b>	UTED 4730 (included in Education requirements)
	<b>Writing Intensive Courses (WIC)</b> <i>Two courses with one upper-division (3000+ level)</i>	<ul style="list-style-type: none"> <li>HUM 3990 (included in LAS area requirements)</li> <li>See Degree Audit</li> </ul>
	<b>Inclusiveness</b>	See Degree Audit
	<b>Sustainability</b>	See Degree Audit

## 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		Social Science Elective	3
		Explore – Arts, Humanities & Cultures Course	3		UTED 1030	3
		Explore – Society, Behavior & Health Course	3		Explore – Physical & Natural World Course	3
		<b>TOTAL</b>	16		<b>TOTAL</b>	16

Year Two	✓	FALL	Hours	✓	SPRING	Hours
			MATH 2350	4		MATH 2650
		MATH 2150	3		MATH 3110 (Spring Only)	3
		UTED 2010	3		UTED 3020	3
		Humanities Elective	3		Humanities Elective	3
		Social Science Elective	3		Natural Science Elective	4
		<b>TOTAL</b>	16		<b>TOTAL</b>	14

Year Three	✓	FALL	Hours	✓	SPRING	Hours
			MATH 3130	3		MATH 3400
		MATH 3210	3		MATH 3410 (Spring Only)	3
		MATH 3480 or UTLS 3480 (Fall Only)	3		MATH 3810	3
		UTED 4720 (Fall Only)	3		UTLS 3030 (Spring Only)	3
		Natural Science Elective w/ Lab	5		Social Science Elective	3
		<b>TOTAL</b>	17		<b>TOTAL</b>	15

Year Four	✓	FALL	Hours	✓	SPRING	Hours
			MATH 4140 or 4310 (Fall Only)	3		UTED 4730
		MATH 4000 Elective	3			
		MATH 4000 Elective	3			
		HUM 3990	3			
		UTED 4710	3			
		<b>TOTAL</b>	15		<b>TOTAL</b>	12

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