

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

Prospective Students: [www.uccs.edu/admissions/contact](http://www.uccs.edu/admissions/contact)

## GENERAL ACADEMIC INFORMATION

### Minimum Graduation Requirements

- 128 credit hours
- 45 upper-division credit hours (3000-4999 level)
- 2.0 CU cumulative GPA
- Residency: At least 30 credit hours of the 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 Physics: [B.S. in Physics | Department of Physics & Energy Science \(uccs.edu\)](http://www.uccs.edu/department-of-physics-energy-science)

Major Requirements				
Physics Major (40 hours)	Course/Area	Course Title	Credit Hours	
<ul style="list-style-type: none"> <li>• Requires a minimum of 40 credit hours of ASTR and PES course work, and an additional 30 hours of auxiliary coursework.</li> <li>• Requires a minimum of 21 credit hours of upper-division (3000+ level) PES course work.</li> <li>• All PES courses must have a grade of "C" or better.</li> <li>• All auxiliary requirements must be completed in addition to the required major courses and must have a grade of "C-" or better.</li> </ul>	ASTR 1050	Astronomy of the Solar System	3	
	ASTR 1060	Astronomy of the Universe	3	
	PES 1110	General Physics I	4	
	PES 1120	General Physics II	4	
	PES 1160	Advanced Physics Lab I	1	
	PES 2130	General Physics III	3	
	PES 2160	Advanced Physics Lab II	1	
	PES 3130	Modern Physics	3	
	PES 3170	Instrumentation Laboratory I	2	
	PES 3180	Instrumentation Laboratory II	2	
	PES 3210	Classical Mechanics	3	
	PES 4810	Senior Physics Seminar	2	
	Electives	<i>Complete 9 hours of upper-division (3000+ level) PES courses.</i>		9
	<b>Auxiliary Requirements</b>			
	BIOL 1300/1310	General Biology: Organismic Biology and Lab		4
BIOL 1350/1360	General Biology: Intro to the Cell and Lab		4	
CHEM 1401/1402	General Chemistry I and Lab		5	
CHEM 1411/1412	General Chemistry I and Lab		5	
MATH 1350	Calculus I		4	
MATH 1360	Calculus II		4	
MATH 2350	Calculus III		4	
Secondary Education - STEM Courses (37 hours)	Education Core Courses			
<ul style="list-style-type: none"> <li>• Requires a minimum of 37 credit hours of required Education course work with grades of "B-" or better.</li> </ul> <p><b>*NOTE:</b> UTED 1030 should be the first Education course taken in the sequence.</p>	UTED 1030*	Inquiry Approaches/Lesson Plan Design for Secondary Math/Science Teaching		3
	EDUC 1000	Intro to Inclusive Education		3
	EDUC 2000	Intro to Educational Psychology		3
	EDUC 2700	Schools, Society, & Diversity		3
	EDUC 3800	ESL for Educators		3
	UTED 3020	Classroom Interactions		3
	UTED 4710	Project-Based Instruction ( <i>spring only</i> )		4
	UTED 4720	Reading in the Content Area		3
	UTED 4730	Apprentice Teaching UCCS Teach and Seminar		12

**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>Writing Portfolio – PORT 3000 (0 credits) or PORT 4000 (1 credit) or alternative – See Degree Audit</li> </ul>	
<b>Reasoning Skills</b>	<ul style="list-style-type: none"> <li>MATH 1350 (included in auxiliary requirements)</li> <li>UTLS 3040 (included in UCCS Teach requirements)</li> </ul>	
<b>Core Humanities</b> (3 hours)	<ul style="list-style-type: none"> <li>HUM 3990                             <ul style="list-style-type: none"> <li>This course also fulfills Navigate and one Writing Intensive course.</li> </ul> </li> </ul>	
<b>Natural Sciences Lab</b>	<ul style="list-style-type: none"> <li>CHEM 1402 (included in auxiliary requirements)</li> </ul>	
<b>Oral Communication</b>	<ul style="list-style-type: none"> <li>UTED 4730 (<i>Apprentice Teaching</i>)</li> </ul>	
<b>LAS Language other than English Requirement</b>	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>	
<b>Compass Curriculum</b> (12 hours) <ul style="list-style-type: none"> <li>Explore and Navigate courses must be taken in departments other than the major.</li> <li>Writing Intensive, Inclusiveness, and Sustainability courses may count toward other requirements within the degree.</li> </ul>	<b>Component</b>	<b>Course</b>
	<b>Gateway</b>	GPS 1010
	<b>Explore – Arts, Humanities and Cultures (2 courses)</b>	See Degree Audit
	<b>Explore – Society, Behavior and Health (2 courses)</b>	<ul style="list-style-type: none"> <li>UTED 1030 (included in UCCS Teach requirements)</li> <li>See Degree Audit</li> </ul>
	<b>Explore – Physical and Natural World (2 courses)</b>	<ul style="list-style-type: none"> <li>BIOL 1350 (included in auxiliary requirements)</li> <li>CHEM 1401 (included in auxiliary requirements)</li> </ul>
	<b>Navigate</b>	HUM 3990 (included in LAS area requirements)
	<b>Summit</b>	UTED 4730 (included in UCCS Teach requirements)
	<b>Writing Intensive Courses (WIC) (2 courses)</b>	<ul style="list-style-type: none"> <li>HUM 3990 (included in LAS area requirements)</li> <li>UTED 4720 (included in UCCS Teach requirements)</li> </ul>
	<b>Inclusiveness (2 courses: 1 Global and 1 Local)</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
		PES 1110/1160	5		PES 1120/2160	5
		MATH 1350	4		MATH 1360	4
		UTED 1030	3		EDUC 2000	3
		GPS 1010	3		Explore – Society, Behavior and Health ( <i>Inclusiveness</i> )	3
		<b>TOTAL</b>	<b>18</b>		<b>TOTAL</b>	<b>18</b>

Year Two	✓	FALL	Hours	✓	SPRING	Hours
			PES 2130	3		PES 3130
		CHEM 1401/1402	5		CHEM 1411/1412	5
		MATH 2350	4		ASTR 1060	3
		ASTR 1050	3		EDUC 2700	3
		EDUC 1000	3		UTED 3020 ( <i>spring only</i> )	3
		<b>TOTAL</b>	<b>18</b>		<b>TOTAL</b>	<b>17</b>

Year Three	✓	FALL	Hours	✓	SPRING	Hours
			PES 3170	2		PES 3180
		Upper-Division (UD) PES Elective	3		PES 3210	3
		EDUC 3800	3		UD PES Elective	3
		BIOL 1300/1310	4		UTED 4710	4
		Explore – Arts, Humanities & Cultures ( <i>Inclusiveness</i> )	3		BIOL 1350/1360	4
		<b>TOTAL</b>	<b>15</b>		<b>TOTAL</b>	<b>16</b>

Year Four	✓	FALL	Hours	✓	SPRING	Hours
			PES 4810	2		UTED 4730
		UD PES Elective	3			
		UTED 4720	3			
		HUM 3990	3			
		Explore – Arts, Humanities & Cultures ( <i>Sustainability</i> )	3			
		<b>TOTAL</b>	<b>14</b>		<b>TOTAL</b>	<b>12</b>

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