

## ACADEMIC ADVISING

### Partnering with students to successfully navigate college

**Location:** Main Hall 208

**Phone:** 719.255.3260

**Website:** [Academic 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)

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: 30 credit hours of degree must be completed while registered in the Helen and Arthur E. Johnson Beth-El College of Nursing and Health Sciences

### 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 Human Physiology and Nutrition: [Human Physiology and Nutrition Programs | Helen and Arthur E. Johnson Beth-El \(uccs.edu\)](http://www.uccs.edu/human-physiology-and-nutrition)

Major Requirements			
Human Physiology & Nutrition Major - Biomedical Science Option (39 hours)	Course/Area	Course Title	Credit Hours
<ul style="list-style-type: none"> <li>• Requires a minimum of 39 credit hours of HPNU course work.</li> <li>• Requires a minimum of 43 credit hours of auxiliary course work.</li> <li>• Requires a minimum of 33 credit hours of upper-division (3000+ level) course work.</li> <li>• All major courses require a "C-" or better</li> </ul>	HPNU 2050	Nutrition for Health Professionals	3
	HPNU 2080	Professions in Health Care	3
	HPNU 2100	Statistics & Research Methods	3
	HPNU 3050	Human Anatomy w/Lab	4
	HPNU 3060	Human Physiology w/Lab	4
	HPNU 4080	Pathophysiology for Health Sciences	3
	HPNU 4430	Human Metabolism	3
	HPNU 4900	Senior Seminar	1
	Upper-Division HPNU Electives	Complete an additional 15 credit hours of upper-division HPNU electives (must carry the HPNU prefix and be listed at the 3000-level or higher).	15
	<b>Auxiliary Requirements</b>		
<b>All upper division courses should be taken after General Biology and General Chemistry. FAILURE TO TAKE COURSES IN THE RECOMMENDED SEQUENCE WILL RESULT IN FUTURE SCHEDULING CONFLICTS.</b>	BIOL 1300/1310	General Biology: Organismic Biology and Lab	4
	BIOL 1350/1360	General Biology: Introduction to the Cell and Lab	4
	CHEM 1401/1402	General Chemistry I and Lab I	5
	CHEM 1411/1412	General Chemistry II and Lab II	5
	CHEM 3101/3102	Organic Chemistry I and Lab I	4
	CHEM 3111/3112	Organic Chemistry II and Lab II	4
	CHEM 4211	Biochemistry	3
	MATH 1330	Calculus for Life Sciences	4
	Physics	Complete either the algebra- or calculus-based Physics sequence below.	10
		<ul style="list-style-type: none"> <li>• Algebra-Based Sequence: PES 1010, PES 1020, PES 1150, PES 2150</li> <li>or</li> <li>• Calculus-Based Sequence: PES 1110, PES 1120, PES 1160, PES 2160</li> </ul>	

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 or TCID 2090</li> <li>• Writing Portfolio – PORT 3000 (0 credits) or PORT 4000 (1 credit) or alternative – See Degree Audit</li> </ul>	
<b>Compass Curriculum</b> (9 hours) <ul style="list-style-type: none"> <li>• Explore and Navigate courses must be outside major and area requirements</li> <li>• Writing Intensive, Inclusiveness, and Sustainability courses can count towards other requirements within degree</li> </ul>	<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>	CHEM 1401 (included in auxiliary requirements)
	<b>Navigate</b>	See Degree Audit
	<b>Summit</b>	HPNU 4900 (included in major requirements)
	<b>Writing Intensive Courses (WIC)</b> <i>Two courses with one upper-division (3000+ level)</i>	See Degree Audit
	<b>Inclusiveness</b>	See Degree Audit

# HUMAN PHYSIOLOGY & NUTRITION B.S.

Biomedical Science Option



University of Colorado  
Colorado Springs

	<b>Sustainability</b>	See Degree Audit
<b>General Electives (23 hours)</b>	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 or TCID 2090	3
		BIOL 1300/1310	4		BIOL 1350/1360	4
		CHEM 1401/1402	5		CHEM 1411/1412	5
		GPS 1010	3		Explore – Arts, Humanities & Cultures Course	3
		<b>TOTAL</b>	15		<b>TOTAL</b>	15

Year Two	✓	FALL	Hours	✓	SPRING	Hours
		CHEM 3101/3102	4		CHEM 3111/3112	4
		HPNU 2050	3		HPNU 2080	3
		HPNU 3050	4		HPNU 3060	4
		MATH 1330	4		Explore-Society, Behavior & Health	3
					General Elective ( <i>Writing Intensive</i> )	3
		<b>TOTAL</b>	15		<b>TOTAL</b>	17

Year Three	✓	FALL	Hours	✓	SPRING	Hours
		CHEM 4211	3		PES 1020/2150 or PES 1020/2160	5
		PES 1010/1150 or PES 1110/1160	5		Upper Division (UD) HPNU Elective	3
		HPNU 2100	3		UD HPNU Elective	3
		HPNU 4080	3		General Elective ( <i>Sustainability</i> )	3
					General Elective ( <i>Navigate</i> )	3
		<b>TOTAL</b>	14		<b>TOTAL</b>	17

Year Four	✓	FALL	Hours	✓	SPRING	Hours
		HPNU 4430	3		HPNU 4900	1
		UD HPNU Elective	3		UD HPNU Elective	3
		General Elective ( <i>Upper-Division Writing Intensive</i> )	3		UD HPNU Elective	3
		General Elective ( <i>Inclusiveness</i> )	3		General Elective	3
		General Elective	3		General Elective	2
		<b>TOTAL</b>	15		<b>TOTAL</b>	12

The following recommendations are for professional programs within the CU System. Because requirements vary between institutions and from year to year, students need to check the requirements of any specific schools they plan to apply to at least 1 year prior to application. Note the programs listed below are all highly competitive. Additional course work and experience within the field are encouraged to improve the strength of the application.

**Medical School** – All required biological science courses for admission are included in the major. The medical school encourages students to consider additional course work in computer sciences, genetics, humanities, and social sciences.

**Physician Assistant Program** – Additional required courses for admission include BIOL 3830 Genetics; PSY 1000 General Psychology; PSY 3280 Abnormal Psychology or PSY 3620 Developmental Psychology. The physician assistant program recommends courses in cell biology, immunology, and microbiology.

**Physical Therapy Program** – Two courses in psychology are required. The physical therapy program recommends PSY 3280 Abnormal Psychology and PSY 3620 Developmental Psychology.

**Dental School** - One additional required course in microbiology, such as BIOL 2030 Microbiology, is required for admission. The dental school encourages students to consider electives in anatomy, cell biology, histology, immunology, physiology, business management/finance, psychology, and communications.

**Accelerated Nursing Program** – Additional required courses for admission include BIOL 2030/2130 Microbiology (with lab); PSY 1000 General Psychology; PSY 3620 Developmental Psychology.