

ACADEMIC ADVISING

Partnering with students to successfully navigate college

Location: Main Hall 208

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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
- 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-programs)

Major Requirements				
Human Physiology & Nutrition Major - Biomedical Science Option (38 hours)	Course/Area	Course Title	Credit Hours	
<ul style="list-style-type: none"> • Requires a minimum of 38 credit hours of HPNU course work. • Requires a minimum of 43 credit hours of auxiliary course work. • Requires a minimum of 29 credit hours of upper-division (3000+ level) HPNU course work. • All major and auxiliary courses must be completed with a "C-" or better. 	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	
	Summit Experience	Complete one of the following courses (1-4 credit hours; the hours will count toward the 15 credits of upper-division HPNU electives below). HPNU 4200, 4370, 4640, 4900, 4950, 4992		
	Upper-Division HPNU Electives	Complete a total of 15 credit hours of upper-division (3000+ level) HPNU electives (must carry the HPNU prefix). <ul style="list-style-type: none"> • BIOL 3830 (Genetics) and BIOL 3020 (Cell Biology) may also be taken for this requirement. 		15
	Auxiliary Requirements			
<p>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.</p>	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. <ul style="list-style-type: none"> • Algebra-Based Sequence: PES 1010, PES 1020, PES 1150, PES 2150 or • Calculus-Based Sequence: PES 1110, PES 1120, PES 1160, PES 2160 		10
	General Education and Elective Requirements			
Core Writing Requirement (6 hours)	<ul style="list-style-type: none"> • ENGL 1310, 1308, or 1305 (Students choosing ENGL 1305 must complete ENGL 1300 first.) • ENGL 1410 or TCID 2090 • Writing Portfolio – PORT 3000 (0 credits) or PORT 4000 (1 credit) or alternative – See Degree Audit 			
Compass Curriculum (9 hours)	Component		Course	
	Gateway		GPS 1010	
	Explore – Arts, Humanities and Cultures		See Degree Audit	
	Explore – Society, Behavior and Health		See Degree Audit	
	Explore – Physical and Natural World		CHEM 1401 (included in auxiliary requirements)	
	Navigate		See Degree Audit	
	Summit		Summit Experience Course (included in major requirements)	
	Writing Intensive Courses (WIC) <i>Two courses with one upper-division (3000+ level)</i>		See Degree Audit	
General Electives (24 hours)	Inclusiveness		See Degree Audit	
	Sustainability		See Degree Audit	
Complete additional courses to meet total and upper-division requirements for your degree program.				

FOUR-YEAR DEGREE PLAN

HUMAN PHYSIOLOGY & NUTRITION B.S.



University of Colorado
Colorado Springs

Biomedical Science Option

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
		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
		TOTAL	15		TOTAL	15

Year Two	✓	FALL	Hours	✓	SPRING	Hours
			CHEM 3101/3102	4		CHEM 3111/3112
		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
		TOTAL	15		TOTAL	17

Year Three	✓	FALL	Hours	✓	SPRING	Hours
			CHEM 4211	3		PES 1020/2150 or PES 1020/2160
		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>Inclusiveness</i>)	3
		TOTAL	14		TOTAL	14

Year Four	✓	FALL	Hours	✓	SPRING	Hours
			HPNU 4430	3		Summit Experience Course
		UD HPNU Elective	3		UD HPNU Elective(s)	2-5
		General Elective	3		UD General Elective (<i>Navigate</i>)	3
		General Elective (<i>Sustainability</i>)	3		General Elective	3
		UD General Elective (<i>Upper-Division Writing Intensive</i>)	3		General Elective	3
		TOTAL	15		TOTAL	15

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.