

HEALTH CARE SCIENCE B.S.

Medical Laboratory Science Option



University of Colorado
Colorado Springs

ACADEMIC ADVISING

Partnering with students to successfully navigate college

Location: Main Hall 208

Phone: 719.255.3260

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- 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: 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 Medical Laboratory Science: [Bachelor of Science in Health Care Science - Medical Laboratory Science Option | Helen and Arthur E. Johnson Beth-El \(uccs.edu\)](http://www.uccs.edu/bachelor-of-science-in-health-care-science-medical-laboratory-science-option)

Major Requirements				
Med Lab Science Option Required Courses (41 hours)	Course/Area	Course Title	Credit Hours	
<ul style="list-style-type: none">• Requires a minimum of 41 credit hours of HPNU and HSCI course work, and an additional 41 hours of auxiliary coursework.• Requires a minimum of 29 credit hours of upper-division (3000+ level) HPNU and HSCI course work.• All major and auxiliary courses must have a grade of "C-" or better.	HPNU 2050	Nutrition for Health Professionals	3	
	HPNU 2100	Statistics & Research Methods	3	
	HPNU 3050	Human Anatomy	4	
	HPNU 3060	Human Physiology	4	
	HPNU 4080	Pathophysiology	3	
	HSCI 1020	Personal Fitness & Wellness	3	
	HSCI 2470	Spanish for Health Professionals	3	
	HSCI 3201	Health Behavior Change	3	
	HSCI 3520	Health Communication	3	
	HSCI 3630	Culture & Health	3	
	HSCI 4620	Health Science Internship - MLS	2	
	HSCI 4621	Health & Wellness Promotion Internship Orientation	1	
	Medical Lab Science Electives	<i>Complete 6 hours of upper-division (3000+ level) HSCI or HPNU courses.</i>		6
	Auxiliary Requirements			
	BIOL 1300/1310	General Biology: Organismic Biology and Lab		4
	BIOL 1350/1360	General Biology: Introduction to the Cell and Lab		4
	BIOL 2030/2130 or BIOL 3100/3110	Microbiology & Lab Bacteriology & Lab		4
	BIOL 3020	Cell Biology		3
BIOL 3140	Microbiology: Virology		3	
BIOL 3830	Genetics		3	
BIOL 3910	Immunology		3	
CHEM 1401/1402	General Chemistry I and lab		5	
CHEM 1411/1412	General Chemistry II and lab		5	
CHEM 3001/3002	Organic Chemistry and lab		4	
CHEM 4211	Biochemistry Principles		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 	
Mathematics (4 hours)	<ul style="list-style-type: none"> MATH 1040 OR MATH 1350 	
Compass Curriculum (9 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 	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	BIOL 1350/1360 (included in major requirements)
	Navigate	HSCI 3630 (included in HSCI core courses requirement)
	Summit	HSCI 4621 (included in major requirements)
	Writing Intensive Courses (WIC) <i>Two courses with one upper-division (3000+ level)</i>	<ul style="list-style-type: none"> HSCI 3630 (included in HSCI core courses requirement) See Degree Audit
Inclusiveness	HSCI 3630 (included in HSCI core courses requirement)	
Sustainability	See Degree Audit	
General Electives (19 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.**

	✓	FALL	Hours	✓	SPRING	Hours
	Year One		GPS 1010	3		MATH 1040 or MATH 1350
		ENGL 1310	3		ENGL 1410	3
		BIOL 1300/1310	4		BIOL 1350/1360	4
		CHEM 1401/1402	5		CHEM 1411/1412	5
		HSCI 1020	3			
		TOTAL	18		TOTAL	16

	✓	FALL	Hours	✓	SPRING	Hours
	Year Two		BIOL 3830	3		BIOL 3020
		CHEM 3001/3002	4		HSCI 2470	3
		HPNU 2050	3		HSCI 3201	3
		Explore – Society, Behavior, and Health	3		Explore – Arts, Humanities & Cultures	3
		General Elective (<i>Writing Intensive</i>)	3		General Elective	3
		TOTAL	16		TOTAL	15

	✓	FALL	Hours	✓	SPRING	Hours
	Year Three		BIOL 3140 (<i>fall only</i>)	4		BIOL 2030/2130 or BIOL 3100/3110
		HPNU 2100	3		BIOL 3910 (<i>spring only</i>)	3
		HPNU 3050	4		HPNU 3060	4
		HSCI 3520	3		HSCI 3630	3
					General Elective	3
		TOTAL	14		TOTAL	16

	✓	FALL	Hours	✓	SPRING	Hours
	Year Four		CHEM 4211	3		HSCI 4620
		HSCI 4621	1		UD HSCI or HPNU Elective	3
		HPNU 4080	3		General Elective	3
		Upper-Division (UD) HSCI or HPNU Elective	3		General Elective	4
		General Elective (<i>Sustainability</i>)	3			
		TOTAL	13		TOTAL	12