

# HEALTH CARE SCIENCE B.S.

Medical Laboratory Science Preparation Option

## 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)

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

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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](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 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 Requirements (69 hours)	Course/Area	Course Title	Credit Hours
	BIOL 1300/1310	General Biology: Organismic Biology 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
	HPNU 2050	Nutrition for Health Professionals	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 4620	Health Science Internship - MLS	5
	HSCI 4621	Health & Wellness Promotion Internship Orientation	1
	HSCI Electives	Complete 6 hours of upper-division (3000+ level) HSCI courses.	6
<b>Health Science Core Courses</b> (12 hours)	HPNU 3100	Statistics & Research Methods	3
	HSCI 3201	Health Behavior Change	3
	HSCI 3520	Health Communication	3
	HSCI 3630	Culture & Health	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>Mathematics</b> (4 hours)	MATH 1040 <b>OR</b> MATH 1350	
<b>Compass Curriculum</b> (13 hours) <ul style="list-style-type: none"> <li>Explore and Navigate courses must be outside major 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>	BIOL 1350/1360
	<b>Navigate</b>	HSCI 3630 (included in HSCI core courses requirement)
	<b>Summit</b>	HSCI 4621 (included in major requirements)
	<b>Writing Intensive Courses (WIC)</b> <i>Two courses with one upper-division (3000+ level)</i>	<ul style="list-style-type: none"> <li>HSCI 3630 (included in HSCI core courses requirement)</li> <li>See Degree Audit</li> </ul>
<b>Inclusiveness</b>	HSCI 3630 (included in HSCI core courses requirement)	
<b>Sustainability</b>	See Degree Audit	
<b>General Electives</b> (16 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.**

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

Year Two	✓	FALL	Hours	✓	SPRING	Hours
			CHEM 3001/3002	4		BIOL 3020
		HPNU 2050	3		HPNU 3050	4
		BIOL 3830	3		HSCI 3201	3
		HSCI 2470	3		Explore – Society, Behavior, and Health	3
		General Elective ( <i>Sustainability Course</i> )	3		Explore – Arts, Humanities & Cultures	3
		<b>TOTAL</b>	<b>16</b>		<b>TOTAL</b>	<b>16</b>

Year Three	✓	FALL	Hours	✓	SPRING	Hours
			HPNU 3100	3		HPNU 3060
		BIOL 3100	3		BIOL 3910	3
		BIOL 3110	1		HSCI 3630	3
		BIOL 3140	3		General Elective	3
		HSCI 3520	3		General Elective	3
		<b>TOTAL</b>	<b>13</b>		<b>TOTAL</b>	<b>16</b>

Year Four	✓	FALL	Hours	✓	SPRING	Hours
			CHEM 4211	3		HSCI 4620
		HSCI 4621	1		HSCI Elective	3
		HPNU 4080	3		General Electives	4
		HSCI Elective	3			
		General Elective ( <i>WIC Course</i> )	3			
		<b>TOTAL</b>	<b>13</b>		<b>TOTAL</b>	<b>12</b>