



B.S. Health Care Science - Medical Laboratory Science/Med Tech Option

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General Academic Information

Academic Policies

It is the responsibility of each student to know and follow all Academic policies established by the University and the Beth-El College of Nursing & Health Sciences that are set forth in the Catalog (catalog.uccs.edu) and the Beth-El Student Handbook (<http://www.uccs.edu/~bethel/studenthandbooks.htm>).

Background Checks/ Risk Waivers

All Health Science students completing a practicum or internship are required to complete a criminal background check. Students enrolled in courses involving an activity component are required to complete the UCCS Risk Waiver prior to participating in any activity.

Additional Information

UCCS 3+1 MLS option students must successfully complete the application and selection process for placement in the clinical year. UCCS 3+1 option students are not guaranteed admission to the clinical year. Deadline for the application for the clinical year is November 30th of the third year.

Probation/Suspension

Students may be placed on academic probation if their CU GPA falls below 2.0 or if they receive a grade below a C- in any required Health Science courses for the first time. They may continue with required courses unless the course/courses in which they received a grade below a C- are prerequisites for upcoming courses. In that case, the course/courses in which they received a grade below a C- must be repeated prior to progressing. Students may remain on academic probation for a maximum of three semesters with a GPA under 2.0. If, by the end of their third semester of probation, their CU GPA has not been raised to 2.0 or better, they will be subject to suspension from the College. Two required Health Science courses with a grade of C- or below will result in dismissal from the College. Students may petition in writing to the Department Chair for re-admission to the College within 30 calendar days. Dismissal from the Health Science Program does not imply dismissal from the University of Colorado.

> A minimum of 120 hours must be completed with a cumulative CU grade point average of 2.8.

- > 30 hours of the degree must be completed while registered in the Beth-El College of Nursing & Health Sciences at UCCS.
- > A maximum of 60 hours of community college course work can count towards the degree.
- > Courses numbered below 1000 do not count towards degree completion.

Compass Curriculum

Compass Curriculum is the campus-wide general education program at UCCS. The Compass Curriculum has multiple components many of which will coincide with the degree requirements listed in this guide. Please visit the Compass Curriculum website at www.uccs.edu/compasscurriculum, review your degree audit, or check out the Compass Curriculum advising guide for specific course details. The required components are listed below and referenced in the guide.

REQUIRED COMPASS CURRICULUM COMPONENTS:

Component	Course
Gateway	GPS 1010
Explore¹ – Arts, Humanities and Cultures	See List
Explore¹ – Society, Behavior and Health	See List
Explore¹ – Physical and Natural World	BIOL 1350
Navigate	HSCI 3630
Summit	HSCI 4319
Writing Intensive Course (WIC)² <i>Two courses with at least one upper-division (3000+ level).</i>	HSCI 4010 HSCI 4319
Inclusiveness²	HSCI 3630
Sustainability²	See List

¹ Explore must be outside major and area requirements.

² Can count towards other requirements within the Compass Curriculum or within a student's degree program.



DEPARTMENT OF HEALTH SCIENCES—Med Lab/Med Tech Option

Program website: www.uccs.edu/mls

Degree Requirements	Courses		
	Course Number	Course Title	Credit Hours
Compass Curriculum Requirements (22 hours) All courses must have a grade of "C-" or better.	GPS 1010	Gateway Seminar Experience	3
	ENGL 1310	Rhetoric & Writing I	3
	ENGL 2090	Technical Writing & Presentation (<i>pre-req ENGL 1310 or 1410</i>)	3
	MATH 1040	College Algebra (can substitute with MATH 1350*) (<i>pre-req MATH 99 with a grade of "C" or better, or pass the Math Placement Test for MATH 1040.</i>)	3
	BIOL 1350/1360	General Biology: Intro to the Cell and Lab (<i>pre-req CHEM 1401/1402 and BIOL 1300/1310</i>)	4
	Explore Elective	Choose from the Explore - Arts, Humanities & Cultures List	3
	Explore/Sustainability	Must meet BOTH the Society, Behavior & Health AND the Sustainability requirement	3
	PORT 3000	Writing Portfolio Assessment	0
Health Science Core Requirements (6 hours)	HSCI 3630	Culture & Health (<i>soph level</i>)	3
	HSCI 4010	Health Science Research (<i>pre-req HSCI 2060 or PSY 2100, HSCI 3630</i>)	3
Med Lab Science Option Requirements (49 hours) <i>*Courses are prerequisites for other UCCS courses; recommended but not required for UNMC.</i>	BIOL 1300/1310	General Biology: Organismic Biology and Lab (<i>pre-req HS BIOL & CHEM</i>)	4
	BIOL 2010*	Human Anatomy & Physiology I (<i>pre-req BIOL 1010 or BIOL 1300/1310; CHEM 1201 or CHEM 1401/1402</i>)	4
	BIOL 2020*	Human Anatomy & Physiology II (<i>pre-req BIOL 2010</i>)	4
	BIOL 2030/2130 OR BIOL 3100/3110	Microbiology & Lab (<i>pre-reqs BIOL 1300/1310 or BIOL 2010; BIOL 1350/1360 or BIOL 2020; CHEM 1201 or CHEM 1401/1402; CHEM 1211 or CHEM 1411/1412</i>) Bacteriology & Lab (<i>pre-req BIOL 3020</i>)	4
	BIOL 3020*	Cell Biology (<i>pre-req BIOL 3830</i>)	3
	BIOL 3830	Genetics (<i>pre-req BIOL 1300/1310, BIOL 1350/1360, CHEM 1401/1402, CHEM 1411/1412</i>)	3
	BIOL 3910	Immunology (<i>pre-req BIOL 3020</i>)	3
	CHEM 1401/1402	General Chemistry I plus lab (<i>pre-reqs 1 yr HS CHEM & 2yrs HS Math</i>)	5
	CHEM 1411/1412	General Chemistry II plus lab (<i>pre-req CHEM 1401/1402 w/C or higher</i>)	5
	CHEM 3001/3002	Organic Chemistry and lab (<i>pre-req CHEM 1411/1412 w/C or higher</i>)	5
	CHEM 4211	Biochemistry Principles (<i>pre-reqs BIOL 1350, and CHEM 3001 or CHEM 3111 or CHEM 3211 with grades of "C" or higher</i>)	3
	HSCI 2060	Health Science Statistics (<i>Can sub with BIOL 3000</i>)	3
	HSCI 4080	Pathophysiology (<i>pre-reqs BIOL 2010, 2020, & CHEM 1401/1402, 1411/1412</i>) NOTE: This course is only offered in the Fall Semester	3
Med Lab Science Professional Requirements (43 hours)	Student Lab	SUMMER – University of Nebraska at Kearney	8
	Clinical	FALL – Clinical Rotations (Location TBD)	16
	Clinical	SPRING – Clinical Rotations (Location TBD)	19

UCCS Four-Year Degree Plan – Health Care Science – Med Lab Science

The following four-year plan lists all the specific course requirements for the Bachelor of Science in Health Care Science – Medical Lab Science/Med Tech option at UCCS. The order in which these courses are taken may vary with course availability. **Students are responsible for completing all course prerequisites.** Please note that this is a *suggested* degree program; your program may vary.

Suggested First Year

FALL			SPRING		
√	Course	Hours	√	Course	Hours
	GPS 1010	3		BIOL 1350/1360	4
	ENGL 1310	3		CHEM 1411/1412	5
	CHEM 1401/1402	5		MATH 1040	3
	BIOL 1300/1310	4			
	TOTAL	15		TOTAL	12

Suggested Second Year

FALL			SPRING		
√	Course	Hours	√	Course	Hours
	CHEM 3001/3002	5		BIOL 2020	4
	BIOL 2010	4		BIOL 2030/2130 OR BIOL 3100/3110	4
	HSCI 2060	3		BIOL 3830	3
				ENGL 2090	3
	TOTAL	12		TOTAL	14

Suggested Third Year

FALL			SPRING		
√	Course	Hours	√	Course	Hours
	BIOL 3020	3		BIOL 3910	3
	CHEM 4211	3		HSCI 4010	3
	HSCI 3630	3		Explore – Arts Humanities & Cultures Course	3
	HSCI 4080	3		Explore – Society, Behavior & Health AND Sustainability	3
	TOTAL	12		TOTAL	12

Suggested Fourth Year

SUMMER			FALL		SPRING			
√	Course	Hours	√	Course	Hours	√	Course	Hours
	Student Lab – University of Nebraska at Kearney	8		Clinical Rotations	16		Clinical Rotations	19
	TOTAL	8		TOTAL	16		TOTAL	19