

Academic Map: Medical Laboratory Science

Department: Health Sciences **Degree:** BS
Program/Major: Medical Laboratory Science
Track/Emphasis: _____
Does this program require a minor? (Yes/No) No

Important program information in the online *Undergraduate Bulletin*:

UCA Core Requirements: <https://uca.edu/ubulletin/general-policies-information/uca-core/>
LD UCA Core Check Sheet: <https://uca.edu/academicbulletins/ld-uca-core/>
Degree Requirements: <https://uca.edu/ubulletin/general-policies-information/degree-requirements/>
Program Description: <https://uca.edu/ubulletin/colleges-departments/ch/health-sciences/>
Course Descriptions: <https://uca.edu/ubulletin/courses/>

This degree program requires a total of **120** semester credit hours, including at least 40 upper-division credit hours.

Comparable courses in the Arkansas Course Transfer System (ACTS) are cross-referenced in the ACTS column of each semester block below; a [core link](https://uca.edu/academicbulletins/ld-uca-core/) (<https://uca.edu/academicbulletins/ld-uca-core/>) takes the user to the *Undergraduate Bulletin's* Lower-Division (LD) UCA Core check sheet, where UCA Core options and ACTS course numbers are listed in full; an [acts link](https://uca.edu/academicbulletins/acts/) (<https://uca.edu/academicbulletins/acts/>) takes the user to the *Undergraduate Bulletin's* ACTS page (<https://uca.edu/academicbulletins/acts/>) for additional information and a UCA-ACTS crosswalk.

Scholarship recipients: Please be aware of eligibility criteria for your scholarship(s). In particular, pay attention to (1) the enrollment requirements each semester for disbursement of your scholarship(s) and (2) the number of hours and GPA required each semester and/or year for renewal of your scholarship(s). Some Academic Maps may suggest enrollment in fewer hours than required for disbursement of your scholarship(s). In such cases, work with your academic advisor to adjust your schedule to meet requirements most efficiently. Contact the Office of Student Financial Aid at (501) 450-3140 with any questions regarding enrollment/renewal requirements of your scholarship(s). For online information resources, see endnote 1.

Year 1

Fall (Credit hours: 16)

SUBJ	NUM	TITLE	SCH	ACTS
WRTG	1310	Introduction to College Writing	3	ENGL1013
MATH	1390	College Algebra	3	MATH1103
HLTH	1320	Essentials of Health and Wellness	3	
PSYC	1300	General Psychology or	3	PSYC1103
SOC	1300	Principles of Sociology		SOCI1013
BIOL	1440	Principles of Biology I	4	BIOL1014

Spring (Credit hours: 14)

SUBJ	NUM	TITLE	SCH	ACTS
BIOL	1441	Principles of Biology II	4	
WRTG ENGL	1320 1320	Academic Writing and Research or Interdisciplinary Writing and Research or Other approved alternative ²	3	ENGL1023 ENGL1023 core link
CHEM	1450	College Chemistry I	4	CHEM1414

SUBJ	NUM	TITLE	SCH	ACTS
		LD UCA Core (Diversity in World Cultures – SS Only)	3	core link

Year 2**Fall (Credit hours: 13)**

SUBJ	NUM	TITLE	SCH	ACTS
CHEM	1451	College Chemistry II	4	CHEM1424
		LD UCA Core (Fine Arts/Humanities – FA only)	3	core link
		LD UCA Core (American History & Government)	3	core link
		LD UCA Core (Oral Communication) ²	3	core link

Spring (Credit hours: 14)

SUBJ	NUM	TITLE	SCH	ACTS
CISA	1300	Business Computing	3	
BIOL	2405	Human Anatomy & Physiology	4	
CHEM	2401	Organic Chemistry I	4	
		LD UCA Core (Diversity in Creative Works – HUM only)	3	core link

Year 3**Fall (Credit hours: 12)**

SUBJ	NUM	TITLE	SCH	ACTS
CHEM	3411	Organic Chemistry II	4	
PSYC	2330	Psychological Statistics or Another approved introductory statistics course ³	3	
		General Elective	3	
		General Elective	2	

Spring (Credit hours: 13)

SUBJ	NUM	TITLE	SCH	ACTS
BIOL	2411	Microbiology in Human Affairs	4	
		General Elective	3	
		General Elective	3	
		General Elective	3	

Year 4 – at Baptist Health College, Little Rock⁴**Term 1 (Credit hours: 18)**

SUBJ	NUM	TITLE	SCH	ACTS
MD T	4108	Laboratory Fundamentals	1	
MD T	4211	Immunology	2	
MD T	4122	Body Fluids	1	
MD T	4223	Immunohematology	2	
MD T	4410	Microbiology	4	
MD T	4413	Chemistry	4	

SUBJ	NUM	TITLE	SCH	ACTS
MD T	4423	Hematology	4	

Term 2 (Credit hours: 20)

SUBJ	NUM	TITLE	SCH	ACTS
MD T	4411	Clinical Internship I	4	
MD T	4412	Clinical Internship II	4	
MD T	4210	Seminar II	2	
MD T	4121	Management and Educational Topics	1	
MD T	4311	Clinical Internship III	3	
MD T	4614	Clinical Internship IV	6	

Notes

¹ See online information resources for UCA scholarships at <https://uca.edu/scholarships/> and for state scholarships at <https://scholarships.adhe.edu/scholarships-and-programs/a-z/>.

² See appropriate choices, alternatives, or substitutions under “UCA Core” in the Undergraduate Bulletin. During the first year, a student must complete a UCA Core course designated as a First-Year Seminar (FYS) in Critical Inquiry, Diversity, or Responsible Living. A lab science (BIOL 1400 or a Physical Science) and MATH 1390 should be taken in the first year if possible. The upper-division UCA Core requirement is waived for students selectively accepted to the Medical Laboratory Science program.

³ Approved introductory statistics courses: GEOG 2330, MATH 2311, PSCI 2312, PSYC 2330, CISA 2330, SOC 2321.

⁴ After selective admission, the remaining hours (38) will be completed over the following 12 months at the clinical site of Baptist Health College, Little Rock. These hours will be recorded at UCA, and the Bachelor of Science in Medical Laboratory Science degree will be awarded by UCA.