

# Bachelor of Science in Medical Laboratory Science

## ADMISSION AND COURSE REQUIREMENTS

- I. Students may transfer into the program thirty (30) hours of residence at UCA is required. In all cases, completion of 120 hours, including the professional curriculum, with a minimum GPA of 2.5 is required for completion of the degree.
- II. Completion of all required course work
  - a. 38 hours of UCA Core + 30 hours of MLS pre-requisites + 14 hours of electives =Total: 82 hours
- III. Completion of 44 hours of MLS pre-requisite courses and electives (see chart below)
- IV. It is preferred that applicants possess a minimum cumulative GPA of 2.5 in all college course work and a “C” or better in all prerequisite courses to be considered eligible for the Medical Laboratory Science program. Admission into an Affiliated Hospital program is on a competitive basis and is determined by the Selection Committee at the Affiliated Hospital.
- V. Applicants are required to have the results of the American College Test (ACT) prior to applying to the Affiliated Hospital programs. A composite score of 20 or higher is preferred. In addition to the standard requirements, applicants that are not U.S. citizens must have a minimum TOEFL (Test of English as a Foreign Language) score of 550, internet-based score of 80, or a computer-based score of 213.

UCA CORE COURSE REQUIREMENTS	CREDIT HOURS
College Algebra (MATH 1390) or higher	3
Essentials of Health & Wellness (HLTH 1320) or (HLTH 2320) <b>-preferred</b>	3
Biology I (BIOL 1440)	4
College Chemistry I (CHEM 1450)	4
UCA MLS PRE-REQUISITES	CREDIT HOURS
Statistics (PSYC 2330, MATH 2311, SOC 2321, or CISA 2330)	3
Business Computing (CISA 1300)	3
College Chemistry II (CHEM 1451)	4
Organic Chemistry I (CHEM 2401) and Organic Chemistry II (CHEM 3411)	8
Biology II (BIOL 1441)	4
Anatomy and Physiology (BIOL 2405)	4
General Microbiology (BIOL 2411)	4

### **Electives – Need 14 hours total from any of the electives below (Baptist/Department of Health Sciences)**

BAPTIST SUGGESTED ELECTIVES Baptist strongly suggests taking genetics and immunology courses	DEPARTMENT OF HEALTH SCIENCES ELECTIVES
Genetics (BIOL 2490) – 4 hours	Personal Health (HLTH 2200)- 2 hours
Cell Biology (BIOL 3402)- 4 hours	First Aid (HLTH 2201)- 2 hours
General Microbiology (BIOL 3420)- 4 hours	Medical Terminology (HLTH 3123)- 1 hour
Immunology (BIOL 4340)- 3 hours	Human Sexuality (HLTH 3305)- 3 hours
	Health Promotion in the Medical Care Setting (HLTH 4301)- 3 hours
	Environmental Health Problems (HLTH 4303)- 3 hours
	Health Concerns of the Aging (HLTH 4310)- 3 hours
	Drug Education (HLTH 4312)- 3 hours
	Contemporary Health Concerns: Women (HLTH 4395)- 3 hours