

Preparation for Admission to Medical Laboratory Science Programs

Listed below are the courses required for admission to the medical laboratory science (MLS) program at the University of Mississippi Medical Center in Jackson (UMMC). Other MLS programs (also called medical technology or clinical laboratory science) have similar requirements, but you should study the specific prerequisites for the schools to which you plan to apply. The prerequisite courses are typically completed in 2 years at DSU. After successful completion of 2 additional years at UMMC, you receive a bachelor of science degree in medical laboratory science.

Courses		Credit	Notes
General Education Requirements			
English Composition	ENG 101 and ENG 102 or 103	6	Two semesters of English composition
Humanities and Fine Arts	Choose 3 courses from: history, literature, foreign language, journalism, philosophy, art or music appreciation, or theater.	9	Because literature, fine arts, and history are required for all DSU majors, most students should select courses that will count toward a DSU degree in case they decide to stay at DSU until graduation. See the current DSU <i>Bulletin</i> for details on general education courses.
Mathematics	MAT 104	3	College algebra
Social or behavioral science	Choose two courses from: economics, political science, psychology, or sociology.	6	Most students should take general psychology (PSY 101) and sociology (SOC 101) because these are specifically required for some other health related programs.
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Science and Other Requirements			
General Chemistry	CHE 101, 102, 103, 104	8-10	First and second semesters of general chemistry with laboratories
Biology	BIO 100, 217, BIO elective	12	Principles of biology I, microbiology, and additional biology elective. Recommended biology electives are: principles of biology II (BIO 101), anatomy and physiology (BIO 230), cell biology (BIO 300), or genetics (BIO 328). BIO 100 must be taken as a prerequisite to all other BIO courses. Although not specifically required for MLS at UMMC, BIO 101 is a prerequisite for most upper-level BIO courses. It is strongly recommended that pre-MLS students take both BIO 100 and BIO 101 before taking additional biology courses.
		20-22	
Recommended electives			
		12-14	Take enough elective courses to bring your total credit to at least 58 hours. Electives should be selected from a broad range of academic courses which may include anatomy and physiology, cell biology, genetics, embryology, calculus, management or computer applications.
		12-14	

Additional Notes:

- The MLS program at UMMC begins each fall. Application deadline is usually around March 1st. Check the UMMC MLS website (see URL below) for the exact application deadline.
- A minimum of 58 hours is required. Take enough elective courses to bring your total hours to at least 58.
- Enrollment in upper-level BIO courses (BIO 200 and above) requires that you have "Full Admission" status. You have full admission status if you have completed BIO 100, and CHE 101, 102, 103, and 104 with no grades below C. Consult the *Bulletin* or the Department of Biological Sciences web site, or see your advisor for more information.
- You must complete at least 12 hours of required sciences before the application deadline.
- Credit for physical education, military science, dogmatic religion, vocational courses, and science courses designed for non-science majors may not be counted toward the prerequisites for professional school.
- Admission to the MLS program at UMMC requires a grade point average of at least 2.0. (To be competitive, you need a GPA significantly higher than this minimum. All grades, including failing grades and grades of repeated courses, are used to calculate your GPA for the purpose of admission). A minimum grade of C is required in each course accepted for prerequisite credit.
- For more information on the medical laboratory science program at UMMC, visit the School of Health Related Professions web site at: <http://www.umm.edu/shrp>
- IMPORTANT:** Application to health professional schools is very competitive. Completion of the minimum requirements will not ensure admission. Admission decisions are based on policies established by the professional school's faculty and admission committee. Successful applicants typically have GPAs and other qualifications well in excess of stated minimums. Talk to your advisor for more information on what is realistically needed to have a good chance of getting into your desired professional school.