

## Preparation for Admission to Clinical Laboratory Sciences Programs

Listed below are the courses required for admission to the clinical laboratory sciences (CLS) program at the University of Mississippi Medical Center in Jackson (UMMC). Other CLS programs (also called medical technology) 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 clinical laboratory sciences.

Courses	Credit	Notes	
<b>General Education Requirements</b>			
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 Bulletin 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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<b>Science and Other Requirements</b>			
General Chemistry	CHE 101, 102, 103, 104	8-10	First and second semesters of general chemistry with laboratories
Biology	BIO 100, 101, 217, BIO elective	15-16	Principles of biology I and II, microbiology, and additional biology elective. Recommended biology electives are: anatomy and physiology (BIO 230), cell biology (BIO 300), or genetics (BIO 328).
		<b>23-26</b>	
<b>Recommended electives</b>			
		8-11	Take enough additional courses to bring your total credit to at least 58 hours. Suggested electives include: organic chemistry, biochemistry, additional advanced biology courses, advanced mathematics, and computer applications.
		<b>8-11</b>	

**Additional Notes:**

- The CLS program at UMMC begins each May. Check the UMMC CLS website (see URL below) for the next 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, 101, and CHE 101, 102, 103, and 104 with no grades below C. Consult the Bulletin or the Division of Biological and Physical 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 CLS program at UMMC requires a grade point average of at least 2.5. (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 clinical laboratory sciences program at UMMC, visit their web site at: <http://shrp.umm.edu/CLS>
- Also see our frequently asked questions (FAQ) at: <http://www.doctortee.com/dsu/tiftickjian/faqs/cls-faq.html>
- **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.