

ACADEMIC MAP

BS IN BIOLOGY-(PRE-MEDICAL LABORATORY SCIENCE)

TOTAL ? HRS

*minimum grade required †offered every other year

Freshman (Fall Semester) 16 hrs total

BIO 100	Principles of Biology I	4 credit hrs	Major	C*
CHE 101	Gen. Chem. Lecture I	3 credit hrs	Major	C*
CHE 103	Gen. Chem. Lab I	2 credit hrs	Major	C*
MAT 104	College Algebra	3 credit hrs	Gen Ed.	C*
ENG 101	English Composition	3 credit hrs	Gen. Ed.	
FYS 100	First Year Seminar	1 credit hrs		

Freshman (Spring Semester) 15 hrs total

BIO 101	Principles of Biology II	4 credit hrs	Major	C*
CHE 102	Gen. Chem. II Lecture	3 credit hrs	Major	C*
CHE 104	Gen. Chem. II Lab	2 credit hrs	Major	C*
PSY 101	General Psychology	3 credit hrs	Gen. Ed.	
ENG 102	English Composition	3 credit hrs	Gen. Ed.	

Sophomore (Fall Semester) 17 hrs total

BIO 217	Intro to Microbiology	4 credit hrs	Major	C*
BIO 230	Anat. and Physiology I	4 credit hrs	Major	C*
SOC 101	Principles of Sociology	3 credit hrs	Gen. Ed.	
	Humanities Elective	3 credit hrs	Gen. Ed.	
	Humanities Elective	3 credit hrs	Gen. Ed.	

Sophomore (Spring Semester) 14 hrs total

	Cell or Genetics	4 credit hrs	Major	C*
BIO 231	Anat. and Physiology II	4 credit hrs	Major	C*
	Humanities Elective	3 credit hrs	Gen. Ed.	
	Elective	3 credit hrs	Elective	

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TOTAL 123 HRS



Additional Notes

- ▶ Academic map displays 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.
- ▶ 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.
- ▶ **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.
- ▶ For more information on the medical laboratory science program at UMMC, visit the School of Health Related Professions web site at: <http://www.umc.edu/shrp>