

2025-26 ACADEMIC MAP

BS Biology - Pre-Medical Laboratory Science

TOTAL HRS: 62



Academic map is a guide to help students stay on track to degree completion. Consult undergraduate catalog and academic advisor for other requirements.

* minimum grade required

	FALL SEMESTER						SPRING SEMESTER					
	PREFIX	COURSE	CREDIT	AREA	GR*	SEM/GR	PREFIX	COURSE	CREDIT	AREA	GR*	SEM/GR
YEAR 1-Freshman	BIO 100	General Biology I	4	Major	C		BIO 101	General Biology II	4	Major	C	
	CHE 101	Gen Chem I Lecture	3	Major	C		CHE 102	Gen Chem II Lecture	3	Major	C	
	CHE 103	Gen Chem I Lab	1	Major	C		CHE 104	Gen Chem II Lab	1	Major	C	
	ENG 101	Composition I	3	Gen Ed			ENG 102	Composition II	3	Gen Ed		
	MAT 104	College Algebra	3	Gen Ed	C		PSY 101	General Psychology	3	Gen Ed		
	FYS 100/300 ¹	First Year Seminar	1	Univ Req				Personal Development	1	Gen Ed		
			15						15			
YEAR 2-Sophomore	BIO 217	Microbiology	4	Major	C		BIO 300/328	Cell or Genetics	4	Major	C	
	BIO 230	A&P I	4	Major	C		BIO 231	A&P II	4	Major	C	
	HIS 100/200 level	History	3	Gen Ed				Fine Arts	3	Gen Ed		
	ENG 203/206	Literature	3	Gen Ed				Personal Development	1	Gen Ed		
	SOC 101	Principles of Sociology	3	Gen Ed				General Elective	3	Elective		
			17						15			

- ¹All incoming students required to enroll in FYS 100 (freshmen) or FYS 300 (transfers).
- CHE 101 General Chemistry I requires math ACT subscore of 20 or higher **OR** MAT 104 with a grade of C or better **OR** CHE 100 Introduction to Chemistry with a grade of C or better.
- MAT 104 College Algebra requires a math ACT sub-score of 20 or higher. 19 or below will place a student in co-requisite remediation.
- MAT 105 Trigonometry: Pre-requisite MAT 104 College Algebra **OR** ACT Math sub-score of 23.
- MAT 251 Calculus I: Pre-requisite MAT 104 College Algebra and MAT 105 Trigonometry **OR** ACT Math sub-score of 24 or higher.
- 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 pre-requisites for the schools to which you plan to apply. The pre-requisite 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 1. 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, 101, and CHE 101, 102, 103, and 104 with no grades below C. Consult the Catalog or the Division of Mathematics and Sciences website, or see your advisor for more information.
- You must complete 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 pre-requisites 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 the 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 pre-requisite 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 MLS program at UMMC, visit the School of Health Related Professions website at: <http://www.umm.edu/shrp>