

2024-25 ACADEMIC MAP

BS Biology - Pre-Pharmacy

TOTAL HRS: 120



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	Gen Ed	C	CHE 102	Gen Chem II Lecture	3	Gen Ed	C	
	CHE 103	Gen Chem I Lab	1	Gen Ed	C	CHE 104	Gen Chem II Lab	1	Gen Ed	C	
	ENG 101	Composition I	3	Gen Ed		ENG 102	Composition II	3	Gen Ed		
	MAT 104	College Algebra	3	Gen Ed	C	MAT 251	Calculus	3	Spec Dgr	C	
	FYS 100/300 ¹	First Year Seminar	1	Univ Req			Personal Development	1	Gen Ed		
		15					15				
YEAR 2-Sophomore	BIO Core	Cell, Ecology, or Genetics	4	Major	C	BIO Core	Cell, Ecology, or Genetics	4	Major	C	
	CHE 319	Organic Chem I Lab	1	Minor	C	CHE 320	Organic Chem II Lab	1	Minor	C	
	CHE 321	Organic Chem I Lecture	3	Minor	C	CHE 322	Organic Chem II Lecture	3	Minor	C	
	PHY 221	Phys for Life Sci I Lecture	3	Minor	C	PHY 222	Phys for Life Sci II Lecture	3	Minor	C	
	PHY 233	Phys for Life Sci I Lab	1	Minor	C	PHY 234	Phys for Life Sci II Lab	1	Minor	C	
	PSY 101	General Psychology	3	Gen Ed		ENG 203/206	Literature	3	Gen Ed		
		15					15				
YEAR 3-Junior	BIO Core	Cell, Ecology, or Genetics	4	Major	C	BIO 350	Physiology	4	Major	C	
	BIO 349	Human Anatomy	4	Major	C	ECO 211	Microeconomics	3	Gen Ed		
	BIO 217	Microbiology	4	Major	C	BIO 417	Medical Microbiology	4	Major	C	
	CHE 440	Biochemistry	4	Major	C	PHI 408	Biomedical Ethics	3	Major	C	
		16					14				
						PCAT exam is taken.					
YEAR 4-Senior	BIO 400 level	Approved Elective	4	Major	C		Fine Arts	3	Gen Ed		
	BIO 400 level	Approved Elective	4	Major	C		Humanities & Fine Arts	3	Gen Ed		
	BIO 490	Capstone Experience	1	Major	C	BIO 200-400 level	Biology Elective	4	Major	C	
	MAT 300	Statistics	3	Spec Dgr	C		Personal Development	1	Gen Ed		
	COM 101/202	Communication Studies	3	Gen Ed		HIS 100/200 level	History	3	Gen Ed		
		15				Recommended Elective	1	Elective			
							15				

- ¹All incoming students required to enroll in FYS 100 (freshmen) or FYS 300 (transfers).
- Additional notes on back of page

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Additional Notes:

- 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 lists the courses required for admission to the pharmacy program at the University of Mississippi. Other pharmacy programs have similar requirements, but you should study the specific pre-requisites at the pharmacy schools to which you plan to apply. The pre-requisite courses are typically completed in 3 years at DSU. Pre-pharmacy students should also consider following the curriculum for a BS degree in biology while taking the pre-pharmacy requirements, thus opening up additional career opportunities.
- 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.
- Admission to pharmacy school requires a minimum GPA of 2.75 on all coursework and no grade below C in any required pre-pharmacy course.
- Applicants to pharmacy school must submit an official score on the Pharmacy College Admissions Test (PCAT) taken no more than 12 months prior to the application deadline. A minimum composite percentile score of 40 is required to receive consideration for admission.
- The University of Mississippi School of Pharmacy has much more information available on the web at <http://www.pharmacy.olemiss.edu>
- 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.