

Preparation for Admission to Pharmacy Programs

Listed below are 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 prerequisites at the pharmacy schools to which you plan to apply. The prerequisite courses are typically completed in 3 years at DSU. Pre-pharmacy students should also consider following the curriculum for a BS degree in chemistry or biology while taking the pre-pharmacy requirements, thus opening up additional career opportunities.

Courses	Credit	Notes	
General Education Requirements			
English Composition	ENG 101 and ENG 102 or 103	6	Two semesters of English composition
Communication Studies	COM 101 or 202	3	Take either Public Speaking or Interpersonal Communications.
Humanities and Fine Arts	2 literature courses plus one from: ART 101, 212, 401, 402, or 403; MUS 114 or 115; or THE 225	9	9 hours of humanities and fine arts are required with at least 3 hours in each of these two general areas. Because fine arts and literature are required for all DSU majors, most students should take one art or music course plus two literature courses (most students choose ENG 203/204)
Mathematics	MAT 104/105 or MAT 106	3-6	Most students take college algebra (MAT 104) and trigonometry (MAT 105). Precalculus (MAT 106) will substitute for MAT 104/105. Although not specifically required for pharmacy school, these courses are prerequisites for calculus, chemistry, and physics.
Perspectives on society	ECO 211, PSY 101, plus one from: ANT 101, ECO 210, GEO 201 or 303, PHI 201, PSC 103 or 201, SOC 101	9	UM pharmacy requires microeconomics, plus 6 hours of social or behavioral sciences. Taking ECO 211, PSY 101, and one other social science course from the list satisfies this requirements as well as DSU's general education requirement in this category.
30-33			
Science and Other Requirements			
Advanced Mathematics	MAT 251 plus MAT 300 or PSY 331	6	One semester of calculus and one semester of statistics (either from mathematics or psychology)
General Chemistry	CHE 101, 102, 103, 104	8-10	First and second semesters of general chemistry with laboratories
Advanced chemistry	CHE 319, 320, 321, 322, 440	12-14	Two semesters of organic chemistry and one semester of biochemistry
Physics	PHY 221, 222, 233, 234	8	First and second semesters of physics for the life sciences with laboratories
General Biology	BIO 100 and 101	8	Principles of biology I and II
Advanced Biology	BIO 217, 300, 328, 330, 417, 427	24	Introduction to microbiology, cell biology, genetics, mammalian physiology, medical microbiology, and immunology. While introduction to microbiology is not specifically required by UM, it is a prerequisite for medical microbiology and immunology.
Ethics	PHI 408	3	Biomedical ethics
69-73			

Additional Notes:

- Enrollment in upper-level CHE courses (CHE 200 and above) requires that you have "Full Admission" status. You have full admission status if you have completed CHE 101, 102, 103, 104; MAT 104/105 or MAT 106; BIO 100; and BIO 102 or 103, with no grades below C. Consult the Bulletin 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 Text (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.