

# ACADEMIC MAP

## 2017-18 BS IN BIOLOGY-PRE-PHARMACY

TOTAL 124 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	Gen. Ed.	C*
CHE 103	Gen. Chem. Lab I	2 credit hrs	Gen. Ed.	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	Gen. Ed.	C*
CHE 104	Gen. Chem. II Lab	2 credit hrs	Gen. Ed.	C*
MAT 251	Calculus I	3 credit hrs	Spec. Dgr.	C*
ENG 102	English Composition	3 credit hrs	Gen. Ed.	

### Sophomore (Fall Semester) 16 hrs total

BIO CORE	Cell, Ecology or Genetics	4 credit hrs	Major	C*
CHE 319	Organic Chem. I Lecture	3 credit hrs	Chem. Minor	C*
CHE 321	Organic Chemistry I Lab	2 credit hrs	Chem. Minor	C*
PHY 221	Phy. for Life Sci. I Lecture	3 credit hrs	Chem. Minor	C*
PHY 233	Physics for Life Sci. I Lab	1 credit hr	Chem. Minor	C*
PSY 101	General Psychology	3 credit hrs	Gen. Ed.	

### Sophomore (Spring Semester) 16 hrs total

BIO CORE	Cell, Ecology or Genetics	4 credit hrs	Major	C*
CHE 320	Org. Chem. II Lecture	3 credit hrs	Spec. Dgr.	C*
CHE 322	Organic Chemistry II Lab	2 credit hrs	Spec. Dgr.	C*
PHY 222	Phy. for Life Sci. II Lecture	3 credit hrs	Spec. Dgr.	C*
PHY 234	Physics for Life Sci. II Lab	1 credit hr	Spec. Dgr.	C*
	Literature Elective	3 credit hrs	Gen. Ed.	

### Junior (Fall Semester) 16 hrs total

BIO Core	Cell, Ecology or Genetics	4 credit hrs	Major	C*
BIO 330	Mammalian Physiology I	4 credit hrs	Major	C*
BIO 217	Microbiology	4 credit hrs	Major	C*
CHE 440	Biochemistry	4 credit hrs	Chem. Minor	C*

### Junior (Spring Semester) 16 hrs total

MAT 300	Statistics	3 credit hrs	Spec. Dgr.	C*
ECO 211	Microeconomics	3 credit hrs	Gen. Ed.	
BIO 417	Medical Microbiology	4 credit hrs	Major	C*
PHI 408	Biomedical Ethics	3 credit hrs	Major	C*
	Public Speak./Interper.	3 credit hrs	Gen. Ed.	

### Senior (Fall Semester) 15 hrs total

BIO 427	Immunology	4 credit hrs	Major	C*
BIO 400 Lvl	Elective	4 credit hrs	Major	C*
BIO 400 Lvl	Elective	4 credit hrs	Major	C*
BIO 490	Capstone Exp.	1 credit hrs	Major	C*
	Personal Dev. Elect.	1 credit hrs	Gen. Ed.	
ENG 300	Exposition	1 credit hr	Gen. Ed.	

### Senior (Spring Semester) 14 hrs total

	Fine Arts Elective	3 credit hrs	Gen. Ed.	
	Humanities & F Arts Elect.	3 credit hrs	Gen. Ed.	
BIO 200-400 Lvl	Elective	4 credit hrs	Major	C*
	Pers. Devel. Elect.	1 credit hr	Gen. Ed.	
	History Elective	3 credit hrs	Gen. Ed.	

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### Additional Notes

- ▶ 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 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 biology while taking the pre-pharmacy requirements, thus opening up additional career opportunities.
- ▶ Enrollment in upper-level science courses (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 101, with no grades below C.
- ▶ 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 the 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.