

ACADEMIC MAP

2017-18 BS IN BIOLOGY-PRE-VETERINARY

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	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	Gen. Ed.	C*
CHE 104	Gen. Chem. II Lab	2 credit hrs	Gen. Ed.	C*
ENG 102	English Composition	3 credit hrs	Gen. Ed.	
MAT 105	Trigonometry	3 credit hrs	Spec. Dgr.	C*

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*
	Physic for Life Sci.	3 credit hrs		C*
	General Physics Lab I.	1 credit hrs		C*
	Literature Elective	3 credit hrs	Gen. Ed.	

Sophomore (Spring Semester) 16 hrs total

BIO Core	Cell, Ecology or Genetics	4 credit hrs	Major	C*
CHE 320	Organic Chem. II Lecture	3 credit hrs	Chem.Minor	C*
CHE 322	Organic Chemistry II Lab	2 credit hrs	Chem.Minor	C*
	Physic for Life Sci. Lect. II	3 credit hrs		C*
	General Physics Lab II	1 credit hrs		C*
	Persp. in Soc. Elect.	3 credit hrs	Gen. Ed.	

Junior (Fall Semester) 15 hrs total

BIO Core	Cell, Ecology or Genetics	4 credit hrs	Major	C*
BIO 217	Microbiology	4 credit hrs	Major	C*
MAT 300	Statistics	3 credit hrs	Spec. Dgr.	C*
CHE 440	Biochemistry	4 credit hrs	Chem.Minor	C*

Junior (Spring Semester) 15 hrs total

BIO 400 Level	Elective	4 credit hrs	Major	C*
	Biology Elective	3 credit hrs	Major	C*
	Persp. on Society Elect.	3 credit hrs	Gen. Ed.	
	Hum. and F Arts Elect.	3 credit hrs	Gen. Ed.	
	Public Spea./Interper.	3 credit hrs	Gen. Ed.	

Senior (Fall Semester) 16 hrs total

BIO 400 Level	Elective	4 credit hrs	Major	C*
BIO 400 Level	Elective	4 credit hrs	Major	C*
COM 101	Public Speaking	3 credit hrs	Gen. Ed.	
	History Elective	3 credit hrs	Gen. Ed.	
	Personal Devel. Elect.	1 credit hr	Gen. Ed.	
BIO 490	Capstone Exp.	1 credit hr	Major	C*

Senior (Spring Semester) 15 hrs total

BIO 400 Level	Elective	4 credit hrs	Major	C*
	Biology Elective	4 credit hrs	Major	C*
	Persp. on Society Elect.	3 credit hrs	Gen. Ed.	
	Fine Arts Elective	3 credit hrs	Gen. Ed.	
	Personal Dev. Elective	1 credit hrs	Gen. Ed.	

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Additional Notes

- ▶ Academic map displays courses required for admission to the College of Veterinary Medicine at Mississippi State University. Other veterinary medicine programs have similar requirements, but you should study the specific prerequisites at the schools you plan to apply to. The prerequisite courses are typically completed in 2 years at DSU. Pre-vet students should also consider following the curriculum for a BS degree in
- ▶ 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 Bulletin or the Department of Biological Sciences web site, or see your advisor for more information.
- ▶ Applicants to veterinary school must have a minimum GPA of 3.0, both as a cumulative average and in the required math/science courses. No grade lower than C is acceptable in any required course.
- ▶ Applicants to veterinary school must submit an official score on the Graduate Record Exam (GRE). GRE scores must be submitted by December 1st of the application year and be no more than three years old.
- ▶ The College of Veterinary Medicine at Mississippi State University has much more information available on the web at: <http://www.cvm.msstate.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.