## **2019-20 ACADEMIC MAP**

## **BS Biology - Pre-Pharmacy**

**TOTAL HRS: 120** 

DELTA STATE UNIVERSITY

BIO 100   General Biology   4   Major   C   BIO 101   General Biology   4   Major   C   CHE 101   Gen Chem   Lecture   3   Gen Ed   C   CHE 102   Gen Chem   I Lecture   3   Gen Ed   C   CHE 103   Gen Chem   I Lab   1   Gen Ed   C   CHE 104   Gen Chem   I Lab   1   Gen Ed   C   Gen Chem   I Lab   1   Gen Ed   C   Gen Chem   I Lab   1   Gen Ed   Gen Chem   I Lab   1   Gen Ed   Gen Ed   Gen Chem   I Lab   1   Gen Ed   Gen Ed   Gen Chem   I Lab   1   Gen Ed	quired	equir	um grade r	* minim	ther requirements.	nd academic advisor for ot	ate catalog ar	ergraduc	n. Consult unde	e completio	to help students stay on track to degree	Academic map is a guide
BIO 100   General Biology   4   Major   C   BIO 101   General Biology   4   Major   C   CHE 101   Gen Chem   Lecture   3   Gen Ed   C   CHE 102   Gen Chem   Lecture   3   Gen Ed   C   CHE 103   Gen Chem   Lab   1   Gen Ed   C   CHE 104   Gen Chem   Lab   1   Gen Ed   C   CHE 104   Gen Chem   Lab   1   Gen Ed   C   CHE 104   Gen Chem   Lab   1   Gen Ed   C   CHE 104   Gen Chem   Lab   1   Gen Ed   C   CHE 104   Gen Chem   Lab   1   Gen Ed   C   CHE 104   Gen Chem   Lab   1   Gen Ed   C   CHE 104   Gen Chem   Lab   1   Gen Ed   C   CHE 104   Gen Chem   Lab   1   Gen Ed   C   CHE 104   Gen Chem   Lab   1   Gen Ed   C   CHE 104   Gen Chem   Lab   1   Gen Ed   C   CHE 104   Gen Chem   Lab   1   Gen Ed   C   CHE 104   Gen Chem   Lab   1   Gen Ed   C   CHE 104   Gen Chem   Lab   1   Gen Ed   C   CHE 104   Gen Chem   Lab   1   Gen Ed   C   CHE 104   Gen Chem   Lab   1   Gen Ed   C   CHE 320   Organic Chem   Lab   1   Gen Ed   C   CHE 320   Organic Chem   Lab   1   Gen Ed   C   CHE 320   Organic Chem   Lab   1   Gen Ed   C   CHE 320   Organic Chem   Lab   1   Minor   C   CHE 320   Organic Chem	SPRING SEMESTER					FALL SEMESTER						
CHE 101   Gen Chem   Lecture   3   Gen Ed   C   CHE 102   Gen Chem   Lecture   3   Gen Ed   C   CHE 103   Gen Chem   Lab   1   Gen Ed   C   CHE 104   Gen Chem   Lab   1   Gen Chem	GR* SEM/GF	GR <sup>3</sup>	AREA	CREDIT	COURSE	PREFIX	SEM/GR	GR*	AREA	CREDIT	COURSE	PREFIX
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MAT 104 College Algebra 3 Gen Ed C MAT 251 Calculus 3 Spec Dgr College Algebra 15 Calculus 3 Spe	C	С	Gen Ed	3	Gen Chem II Lecture	CHE 102		С	Gen Ed	3	Gen Chem I Lecture	E CHE 101
MAT 104 College Algebra 3 Gen Ed C MAT 251 Calculus 3 Spec Dgr College Algebra 15 Calculus 3 Spe	C	С	Gen Ed	1	Gen Chem II Lab	CHE 104		С	Gen Ed	1	Gen Chem I Lab	CHE 103
MAT 104 College Algebra 3 Gen Ed C MAT 251 Calculus 3 Spec Dgr College Algebra 15 Calculus 3 Spe			Gen Ed	3	Composition II	ENG 102			Gen Ed	3	Composition I	<b>≝</b> ENG 101
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PSY 101 General Psychology 3 Gen Ed 15  BIO Core Cell, Ecology, or Genetics 4 Major C BIO 350 Physiology 4 Major C ECO 211 Microeconomics 3 Gen Ed BIO 349 Human Anatomy 4 Major C BIO 417 Medical Microbiology 4 Major C BIO 417 Medical Microbiology 4 Major C HE 440 Biochemistry 4 Major C PHI 408 Biomedical Ethics 3 Major C PHI 408 Biomedical Ethics 3 Major C PHI 408 Biomedical Ethics 3 Major C PACAT exam is taken.  BIO 400 level Approved Elective 4 Major C Humanities & Fine Arts 3 Gen Ed Humanities & Fine Arts 3 Gen Ed Humanities & Fine Arts 3 Gen Ed	С	С	Minor	1	Organic Chem II Lab	CHE 320		С	Minor	1	Organic Chem I Lab	CHE 319
PSY 101 General Psychology 3 Gen Ed 15  BIO Core Cell, Ecology, or Genetics 4 Major C BIO 350 Physiology 4 Major C ECO 211 Microeconomics 3 Gen Ed BIO 217 Microbiology 4 Major C BIO 417 Medical Microbiology 4 Major C HE 440 Biochemistry 4 Major C PHI 408 Biomedical Ethics 3 Major C PHI 408 Biomedical Ethics 3 Major C PHI 408 Biomedical Ethics 3 Gen Ed PCAT exam is taken.  BIO 400 level Approved Elective 4 Major C Humanities & Fine Arts 3 Gen Ed PLO 400 level Approved Elective 4 Major C Humanities & Fine Arts 3 Gen Ed PLO 400 level Approved Elective 4 Major C Humanities & Fine Arts 3 Gen Ed	C	С	Minor	3	Organic Chem II Lecture	CHE 322		С	Minor	3	Organic Chem I Lecture	CHE 321
PSY 101 General Psychology 3 Gen Ed 15  BIO Core Cell, Ecology, or Genetics 4 Major C BIO 350 Physiology 4 Major C ECO 211 Microeconomics 3 Gen Ed BIO 217 Microbiology 4 Major C BIO 417 Medical Microbiology 4 Major C C HE 440 Biochemistry 4 Major C PHI 408 Biomedical Ethics 3 Major C PHI 408 Biomedical Ethics 3 Major C PHI 408 Biomedical Ethics 3 Gen Ed PCAT exam is taken.  BIO 400 level Approved Elective 4 Major C Fine Arts 3 Gen Ed Humanities & Fine Arts 4 Gen Ed Humaniti	C	С	Minor	3	Phys for Life Sci II Lecture	PHY 222		С	Minor	3	Phys for Life Sci I Lecture	두 PHY 221
PSY 101 General Psychology 3 Gen Ed 15  BIO Core Cell, Ecology, or Genetics 4 Major C BIO 350 Physiology 4 Major C ECO 211 Microeconomics 3 Gen Ed BIO 217 Microbiology 4 Major C BIO 417 Medical Microbiology 4 Major C C HE 440 Biochemistry 4 Major C PHI 408 Biomedical Ethics 3 Major C PHI 408 Biomedical Ethics 3 Major C PHI 408 Biomedical Ethics 3 Gen Ed PCAT exam is taken.  BIO 400 level Approved Elective 4 Major C Fine Arts 3 Gen Ed Humanities & Fine Arts 4 Gen Ed Humaniti	C	С	Minor	1	Phys for Life Sci II Lab	PHY 234		С	Minor	1	Phys for Life Sci I Lab	PHY 233
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BIO 400 level Approved Elective 4 Major C Fine Arts 3 Gen Ed	С	С	Major	4	Medical Microbiology	BIO 417		С	•	4	•	E BIO 217
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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			Gen Ed	3	Humanities & Fine Arts			С	Major	4	Approved Elective	BIO 400 level
MAT 300 Statistics 3 Spec Dgr C Personal Development 1 Gen Ed	C	С	Major	4	Biology Elective	BIO 200-400 level		С	Major	1	Capstone Experience	를 BIO 490
			Gen Ed	1	Personal Development			С	Spec Dgr	3	Statistics	<b>Й</b> МАТ 300
COM 101/202 Communication Studies 3 Gen Ed HIS 100/200 History 3 Gen Ed			Gen Ed	3	History	HIS 100/200			Gen Ed	3	<b>Communication Studies</b>	COM 101/202
15 Recommended Elective1 Elective			Elective	1	Recommended Elective				-	15		EA
<u> </u>			-	15								>

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

## 2019-20 ACADEMIC MAP

**BS Biology - Pre-Pharmacy** 

**TOTAL HRS: 120** 



## **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 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.