

ACADEMIC MAP

2017-18 BS IN BIOLOGY-PRE-MEDICAL/PRE-DENTAL

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*
ENG 101	English Composition	3 credit hrs	Gen. Ed.	
MAT 104	College Algebra	3 credit hrs	Gen. Ed.	C*
FYS 100	First Year Seminar	1 credit hr		

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) 15 hrs total

BIO CORE	Cell, Ecology or Genetics	4 credit hrs	Major	C*
CHE 319	Organic Chem. I Lab	2 credit hrs	Chem Minor	C*
CHE 321	Organic Chem. I	3 credit hrs	Chem Minor	C*
	Literature Elective	3 credit hrs	Gen. Ed.	
	Statistics or Pre-Calculus	3 credit hrs	Spec. Dgr.	C*

Sophomore (Spring Semester) 16 hrs total

BIO CORE	Cell, Ecology or Genetics	4 credit hrs	Major	C*
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CHE 320	Organic Chem. II Lab	2 credit hrs	Chem. Minor	C*
CHE 322	Organic Chem. II Lecture	3 credit hrs	Chem. Minor	C*
	Fine Arts Elective	3 credit hrs	Gen. Ed.	

Junior (Fall Semester) 15 hrs total

BIO 200 Above	Elective	4 credit hrs	Major	C*
CHE 440	Biochemistry	4 credit hrs	Chem. Minor	C*
PHY 221	Physics for Life Sciences I	3 credit hrs		
PHY 233	Physi. for Life Sci. Lab I	1 credit hrs		
PSY 101	Psychology	3 credit hrs	Gen. Ed.	

Junior (Spring Semester) 16 hrs total

BIO 200-400 Lvl	Elective	4 credit hrs	Major	C*
BIO 400 Level	Elective	4 credit hrs	Major	C*
PHY 222	Physics for Life Sci. II	4 credit hrs	Chem. Minor	
PHY 234	Physi. for Life Sci Lab II	1 credit hrs	Chem. Minor	
SOC 101	Sociology	3 credit hrs	Gen. Ed.	
	Personal Dev. Elective	1 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*
	Public Speak./Interper.	3 credit hrs	Gen. Ed.	
	History Elective	3 credit hrs	Gen. Ed.	
	Personal Dev. Elective	1 credit hrs	Gen. Ed.	
BIO 490	Capstone Exp.	1 credit hrs	Major	C*

Senior (Spring Semester) 15 hrs total

BIO 400 Level	Elective	4 credit hrs	Major	C*
BIO 200-400 Lvl	Elective	4 credit hrs	Major	C*
BIO 200-400 Lvl	Elective	3 credit hrs	Major	C*
	Hum. and F Arts Elect.	3 credit hrs	Gen. Ed.	

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Additional Notes

- ▶ The Biology: Premedical Science concentration is designed for students in pre-health professions programs, such as pre-medical, pre-dental, and pre-pharmacy, which require completion of a baccalaureate degree
- ▶ A baccalaureate degree from Delta State requires a minimum of 124 credit hours. Of that 124 hours, at least 62 must be taken at a senior college, at least 31 must be taken at DSU, and at least 40 must be 300- or 400-level courses. Courses taken at 2-year schools cannot be counted at the 300- or 400-level. 24 of the last 30 hours must be taken at DSU.
- ▶ 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
- ▶ This program leads to a B.S. degree with a major in Biology and a minor in Chemistry.
- ▶ Advanced (junior-, senior-level) science courses must be taken at a senior college.
- ▶ Some professional schools do not accept credit for online courses or dual-enrollment courses to satisfy any of the mathematics or science prerequisites.
- ▶ **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.