

ACADEMIC MAP

2016-17 BS IN BIOLOGY-PRE-PHYSICAL THERAPY

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*
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) 17 hrs total

BIO CORE	Cell, Ecology or Genetics	4 credit hrs	Major	C*
	Literature Elective	3 credit hrs	Gen. Ed.	
BIO 230	A&P I	4 credit hrs	Major	
	Statistics	3 credit hrs	Spec. Dgr.	C*
	Public Speak./Interper.	3 credit hrs	Gen. Ed.	

Sophomore (Spring Semester) 15 hrs total

BIO Core	Cell, Ecology or Genetics	4 credit hrs	Major	C*
	Cell, Ecology or Genetics	4 credit hrs	Major	C*
	Humanities & F Arts Elect.	3 credit hrs	Gen. Ed.	
BIO 231	A&P II	3 credit hrs	Major	

Junior (Fall Semester) 16 hrs total

	Biology 400 Level Elect.	4 credit hrs	Major	C*
	Biology Elective	4 credit hrs	Major	C*
PHY 221	Physics for the Life Sci I	3 credit hrs	Major	
PHY 233	Physics for Life Sci Lab I	1 credit hr	Major	
	Persp. on Soc. Elective	3 credit hrs	Gen. Ed.	
ENG 300	Exposition	1 credit hr	Gen. Ed.	

Junior (Spring Semester) 15 hrs total

	Biology 400 Level Elect.	4 credit hrs	Major	C*
	Biology Elective	4 credit hrs	Major	C*
	Fine Arts Elective	3 credit hrs	Gen. Ed.	
PHY 222	Physics for the Life Sci II	3 credit hrs	Major	
PHY 234	Phy. for Life Sci Lab II	1 credit hr	Major	

Senior (Fall Semester) 15 hrs total

	Biology 400 Level Elect.	4 credit hrs	Major	C*
	Biology Elective	4 credit hrs	Major	C*
	Persp. on Society Elect.	3 credit hrs	Gen. Ed.	
	History Elective	3 credit hrs	Gen. Ed.	
	Personal Development	1 credit hr	Gen. Ed.	

Senior (Spring Semester) 15 hrs total

	Biology 400 Level Elect.	4 credit hrs	Major	C*
	Biology Elective	4 credit hrs	Major	C*
	Recommended Electives	3 credit hrs	Elective	
	Recommended Electives	3 credit hrs	Elective	
	Personal Devel. Elect.	1 credit hr	Gen. Ed.	

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Additional Notes

- ▶ Most physical therapy (PT) programs lead to doctoral degrees. Completion of a baccalaureate degree is required prior to entering PT school. Requirements described here lead to a BS Degree in Biology and include additional courses typically required by physical therapy schools such as the University of Mississippi Medical Center (UMMC). After completing your baccalaureate degree, three additional years are required at PT school, after which you receive a doctorate in
- ▶ The physical therapy program at UMMC begins each May.
- ▶ Application deadline for UMMC is usually November 1st, but check their website for the current deadline.
- ▶ 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
- ▶ 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
- ▶ Admission to physical therapy school requires completion of a baccalaureate degree plus specific prerequisite courses. Completion of the curriculum described in this academic map meets the requirements for (1) the DSU BS degree with major in biology and (2) any additional courses required by the PT program at UMMC.
- ▶ The 8 specific courses required for the UMMC PT program are: BIO 100/101 - Principles of Biology (2 courses), CHE 101/102/103/104 - General Chemistry with labs (2 courses), PHY 221/222/233/234 - Physics for the Life Sciences with labs (2 courses), MAT 300 - Statistics (1 course), BIO or CHE 300 or above - Advanced science (1 course).
- ▶ Overall GPA must be 3.0 or above. Grades for all required courses must be C or above. (Accepted applicants usually have a significantly higher GPA.) Science courses designed for non-science majors are not acceptable. All physical or biological sciences listed at a particular
- ▶ At least 5 of the 8 prerequisite courses must be completed by the end of the fall semester of the year of application. Applicants accepted for admission must complete all prerequisite courses before enrolling in PT school.
- ▶ For UMMC, 40 hours observation time in a minimum of two physical therapy clinical departments or practices is required (additional hours and sites recommended). A maximum of 20 hours may be used from any one site. Hours earned through employment will not be accepted. All observation hours must be in the current year of application. You must submit a verification form for observation hours by application deadline. The form for this purpose can be downloaded from the UMMC SHRP website.
- ▶ Credit for physical education, military science, dogmatic religion, vocational courses, and science courses designed for non-science majors may not be counted toward the prerequisites for professional school.

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Additional Notes

- ▶ A score on the Graduate Record Exam (GRE) is required. It is important to prepare for this exam. Your GRE score is an important criterion used by PT schools to determine who will be awarded admission. For more information on the GRE, see <http://www.ets.org/gre>
- ▶ For more information on physical therapy programs, visit web sites of the schools you plan to apply to, such as UMMC at <http://www.umc.edu/shrp> and UT at <http://www.uthsc.edu/allied/pt>
- ▶ **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