

2024-25 ACADEMIC MAP

BS Biology - Pre-Physical Therapy

TOTAL HRS: 120



Academic map is a guide to help students stay on track to degree completion. Consult undergraduate catalog and academic advisor for other requirements.

* minimum grade required

	FALL SEMESTER						SPRING SEMESTER					
	PREFIX	COURSE	CREDIT	AREA	GR*	SEM/GR	PREFIX	COURSE	CREDIT	AREA	GR*	SEM/GR
YEAR 1-Freshman	BIO 100	General Biology I	4	Major	C		BIO 101	General Biology II	4	Major	C	
	CHE 101	Gen Chem I Lecture	3	Gen Ed	C		CHE 102	Gen Chem II Lecture	3	Gen Ed	C	
	CHE 103	Gen Chem I Lab	1	Gen Ed	C		CHE 104	Gen Chem II Lab	1	Gen Ed	C	
	ENG 101	Composition I	3	Gen Ed			ENG 102	Composition II	3	Gen Ed		
	MAT 104	College Algebra	3	Gen Ed	C		MAT 105	Trigonometry	3	Spec Dgr	C	
	FYS 100/300 ¹	First Year Seminar	1	Univ Req				Personal Development	1	Gen Ed		
			15						15			
YEAR 2-Sophomore	BIO Core	Cell, Ecology, or Genetics	4	Major	C		BIO Core	Cell, Ecology, or Genetics	4	Major	C	
	BIO 349	Human Anatomy	4	Major	C		BIO 350	Physiology	4	Major	C	
	ENG 203/206	Literature	3	Gen Ed				Humanities & Fine Arts	3	Gen Ed		
	PHY 221	Phys for Life Sci I Lecture	3	Major	C		PHY 222	Phys for Life Sci II Lecture	3	Major	C	
	PHY 233	Phys for Life Sci I Lab	1	Major	C		PHY 234	Phys for Life Sci II Lab	1	Major	C	
			15						15			
YEAR 3-Junior	BIO Core	Cell, Ecology, or Genetics	4	Major	C		BIO 400 level	Approved Elective	4	Major	C	
	BIO 200-400 level	Biology Elective	4	Major	C		BIO 200-400 level	Biology Elective	4	Major	C	
	MAT 251/300	Calculus or Statistics	3	Spec Dgr	C			Fine Arts	3	Gen Ed		
		Personal Development	1	Gen Ed				Recommended Elective	4	Electives		
		Perspectives on Society	3	Gen Ed						15		
			15				GRE exam is taken.					
YEAR 4-Senior	BIO 400 level	Approved Elective	4	Major	C		BIO 400 level	Approved Elective	4	Major	C	
	BIO 200-400 level	Biology Elective	4	Major	C		BIO 200-400 level	Biology Elective	4	Major	C	
		Perspectives on Society	3	Gen Ed				Recommended Elective	4	Electives		
	HIS 100/200 level	History	3	Gen Ed			COM 101/202	Communication Studies	3	Gen Ed		
	BIO 490	Capstone Experience	1	Major	C					15		
			15									

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

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Additional Notes:

- CHE 101 General Chemistry I requires math ACT subscore of 20 or higher **OR** MAT 104 with a grade of C or better **OR** CHE 100 Introduction to Chemistry with a grade of C or better.
- MAT 104 College Algebra requires a math ACT sub-score of 20 or higher. 19 or below will place a student in co-requisite remediation.
- MAT 105 Trigonometry: Pre-requisite MAT 104 College Algebra **OR** ACT Math sub-score of 23.
- MAT 251 Calculus I: Pre-requisite MAT 104 College Algebra and MAT 105 Trigonometry **OR** ACT Math sub-score of 24 or higher.
- 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 PT schools, such as the University of Mississippi Medical Center (UMMC). After completing your baccalaureate degree, three additional years are required at PT school.
- The PT program at UMMC begins each May. Application deadline is usually November 1, but check website for current deadline.
- A baccalaureate degree from Delta State requires a minimum of 120 credit hours. Of that 120 hours, at least 60 must be taken at a senior college, at least 30 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 Catalog or the Division of Mathematics and Sciences.
- Admission to PT school requires completion of a baccalaureate degree plus specific pre-requisite 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 - General 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.
- At least 5 of the 8 pre-requisite courses must be completed by the end of the fall semester of the year of application. Applicants accepted for admission must complete all pre-requisite courses before enrolling in PT school.
- For UMMC, 40 hours observation time in a minimum of two physical therapy clinical departments for 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 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 pre-requisites for professional school.
- 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 for admission. For more information on the GRE, see <http://www.ets.org/gre>
- For more information on physical therapy programs, visit websites of the schools you plan to apply to, such as UMMC at <http://www.umc.edu/shrp> and UT at 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 program.