

Pre-Physical Therapy Curriculum Map – Biomedical Sciences Bachelor of Science

NOTE: If you are required to complete any developmental courses, you may not be able to complete the degree in four years. This curriculum map assumes that you have not transferred in any previously completed college level courses.

All students must have 36 hours of general education courses which include:

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|--|---------------------------|
| FYS – First Year Seminar | ENG 100 – Core Writing I |
| COMS 108 – Fund. Of Speech Communication | ENG 200 – Core Writing II |
| MATH 131, 135, 152, 174 or 175 - CORE Math | Capstone |

One 3 credit hour course from each of the following categories

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|--------|--------|--------|
| HUM I | SBS I | NSC I |
| HUM II | SBS II | NSC II |

The approved course list may be accessed through the current MSU Undergraduate Catalog. See more information on pre-requisites for specific programs at www.ptcas.org

FIRST YEAR COURSE SCHEDULE

✓	Fall Semester	Code	Credits	✓	Spring Semester	Code	Credits	
	FYS 101	G	3		Biological Sciences Elective: BIOL 244 + 244A	P E	4	
	ENG 100	G	3		MATH 141 or General Elective	P R or E	3	
	MATH 152 (must also take MATH 141) OR MATH 174 OR MATH 175	G P R	3-4		CHEM 111	G P R	4	
	BIOL 171	G P R	3		CHEM 111L	G P R	0	
	BIOL 171L	G P R	1		COMS 108	G	3	
	HUM I – Humanities	G	3		General Elective: IMS 202 Medical Terminology	E	2	
Total Credit Hours				16-17	Total Credit Hours			
					16			

SECOND YEAR COURSE SCHEDULE

✓	Fall Semester	Code	Credits	✓	Spring Semester	Code	Credits	
	Biological Sciences Elective: BIOL 245 + 245A	P E	4		BIOL 301	P R U	4	
	CHEM 112	P R	4		BIOL 301L	P R U	0	
	CHEM 112L	P R	0		BIOL 317	P R U	4	
	ENG 200	G	3		BIOL 317L	P R U	0	
	SBS I Social / Behavioral Science	G	3		SBS II: PSY 154	G	3	
	BIOL 304	P R U	3		HUM II Humanities	G	3	
	BIOL 304L	P R U	0					
Total Credit Hours				17	Total Credit Hours			
					14			

THIRD YEAR COURSE SCHEDULE

✓	Fall Semester	Code	Credits	✓	Spring Semester	Code	Credits	
	BIOL 380	P R U	3		Biomedical Sciences Elective	P E U	3	
	BIOL 380L	P R U	0		Biomedical Sciences Elective	P E U	3	
	CHEM 326	P R U	4		MATH 353	P R U	3	
	CHEM 326L	P R U	0		PHYS 202 or PHYS 232	P R	4 or 5	
	PHYS 201 or PHYS 231	P R	4 or 5		General Elective: PHED 432	E	3	
	General Elective: PSY 156	E	3					
Total Credit Hours				14-15	Total Credit Hours			
					16-17			

FOURTH YEAR COURSE SCHEDULE

✓	Fall Semester	Code	Credits	✓	Spring Semester	Code	Credits	
	Biomedical Science Elective	P E U	3-4		BIOL 499E	GPRU	3	
	Biomedical Sciences Elective	PEGR	3-4		Biomedical Sciences Elective	PEGR	3-4	
	General Elective	E	3		Biomedical Sciences Elective	PEGR	3-4	
	General Elective	E	3		General Elective	E	3	
					General Elective	E	3	
Total Credit Hours				12-14	Total Credit Hours			
					15-17			

(E) Elective (G) General Education Course (P) Pre-requisite (R) Required Course
 (U) Upper Division Course 300-400 level (you must have 42 hours)