



PRE-MED, EMPHASIS (ATHLETIC TRAINING)

















The Pre-Med area of emphasis is designed for students wishing to apply for professional physical therapy programs. Adding this area of emphasis may require students to take beyond 15 hours per semester or to take summer classes in order to complete their degree program in four years.

Course Requirements

The Core Curriculum is designed to foster critical thinking skills and introduce students to basic domains of thinking that transcend disciplines. The Core applies to all majors. Information on specific classes in the Core can be found at <https://www.marshall.edu/gened/>.

 - General Education Course


 - Milestone course: a key success marker for your major. See your advisor to discuss the importance of this course in your plan of study.


Code	Title	Credit Hours
Math Requirement for Physics: Select from the Following ¹		
MTH 127  & MTH 122 	College Algebra-Expanded and Plane Trigonometry	5-8
MTH 130  & MTH 122 	College Algebra and Plane Trigonometry	
MTH 132 	Precalculus with Sci Applica	
PHY 201 	College Physics I	3
PHY 202 	General Physics I Laboratory	1
PHY 203 	College Physics II	3
PHY 204 	General Physics 2 Laboratory	1
CHM 211 	Principles of Chemistry I ²	3
CHM 217 	Principles of Chem Lab I	2
CHM 212 	Principles Chemistry II	3
CHM 355	Organic Chemistry I	3
CHM 356	Organic Chemistry II	3
CHM 361	Intro Organic Chm Lab	3
CHM 365	Introductory Biochemistry	3
BSC 120 	Principles of Biology I	3
BSC 120L 	Principles of Biology I Lab	1
BSC 121 	Principles of Biology II	3
BSC 121L 	Prin of Biology II Lab	1
PSY 311	Child Development	3
PSY 312	Adult Development	3
Total Credit Hours		47-50
























¹ Course selection based on pre-requisites or placement exam.

² CHM 111 may be required based on pre-requisites or placement exam.

Semester Plan

 - General Education Course

 - Milestone course: a key success marker for your major. See your advisor to discuss the importance of this course in your plan of study.

First Year		Credit Hours
First Semester		
HS 200 	Comp Medical Terminology (CT)	3
ENG 101 	Beginning Composition	3
HS 220	Personal Health	3
MTH 127  or MTH 130 	College Algebra-Expanded or College Algebra	3-5
FYS 100	First Yr Sem Critical Thinking	3
Credit Hours		15-17
Second Semester		
HS 222	Hlth Prov First Aid/CPR/AED	3
ENG 201 	Advanced Composition	3
PSY 201 	Introductory Psychology (CT)	3
CHM 211  & CHM 217 	Principles of Chemistry I and Principles of Chem Lab I ¹	5
MTH 122 	Plane Trigonometry	3
DTS 210	Nutrition	3
Credit Hours		20
Second Year		
First Semester		
BSC 227	Human Anatomy	3
BSC 227L	Human Anatomy Lab	1
HS 215	Intro to Athletic Training	3
BSC 120  & BSC 120L 	Principles of Biology I and Principles of Biology I Lab	4
PHY 201  & PHY 202 	College Physics I and General Physics I Laboratory ¹	4
CHM 212  & CHM 218 	Principles Chemistry II and Principles of Chem Lab II ¹	5
Credit Hours		20
Second Semester		
BSC 228 	Human Physiology	3
BSC 228L 	Human Physiology Lab	1
HS 365	Functional Kinesiology	3
HS 365L	Functional Kinesiology Lab	1
MUS 142 	Music in Society (recommended Multicultural)	3
BSC 121  & BSC 121L 	Principles of Biology II and Prin of Biology II Lab	4
SOC 200 	Understanding Society (CT)	3
PHY 203  & PHY 204 	College Physics II and General Physics 2 Laboratory ¹	4
Credit Hours		22

Third Year**First Semester**

Statistics Elective		3
ESS 345	Exercise Physiology	3
HS 212	Practical & Emerging Tech AT	3
HS 369	Motor Learning	3
Core II Fine Arts		3
PSY 311	Child Development	3
CHM 355	Organic Chemistry I ¹	3
Credit Hours		21

Second Semester

HS 230	Orthopedic Skills	3
ESS 442	Princ of Strength & Cond	3
ESS 443	Prin of Strength Cond Lab	1
PSY 312	Adult Development	3
PSY 405	Sport Psychology	3
CHM 356	Organic Chemistry II ¹	3
CHM 361	Intro Organic Chm Lab	3
Core II Humanities		3
Credit Hours		22

Fourth Year

Once the student is admitted into the PMSAT program, the student will complete 25 Graduate credit hours that will count toward the completion of their undergraduate degree.

Credit Hours		25
First Semester		
CHM 365	Introductory Biochemistry	3
Credit Hours		3
Total Credit Hours		148-150

¹ May be taken in Summer.