



College of Arts & Sciences

Biological Sciences Pre-Physical Therapy (BS 2507)

The curriculum outlined below is a semester-by-semester plan for a three-year course of study for the B.S. in Biological Sciences Pre-Physical Therapy (BS2507) major. Please visit the department website for additional information on this major (<http://www.ohio.edu/biosci/ugrad/ppt.html>).

The estimated number of hours transferred or taken as AP is set at 15. Please note that these are just examples. The actual slate of courses would be dependent upon what courses a student actually has previous credit for. Students with additional AP credits would be allowed to count them (as appropriate) toward the three-year degree pathway. Additionally, students may earn credit through successful language placement tests that would apply toward the degree. A student should work closely with an advisor to design a plan that meets his/her needs and that ensures that courses are taken at the appropriate time to complete the plan in the desired time frame.

The student should also be aware that trade-offs are inherent in the decision to complete a degree in three years. A student on a three-year track must stay focused on the curriculum and may not be able to explore educational alternatives or change programs or majors. A student pursuing a three-year plan may also not be able to participate in study abroad programs, internships, student clubs or government, or service learning opportunities.

The scheduling scenario below is intended to present an example pattern by which this major can be completed in three years. Those interested in pursuing this option need to work with an academic advisor to develop a specific plan to earn the 121 credit hours required for graduation.

Post-Secondary Coursework or Transfer/AP/IB Credit

Course Subject and Title (Or General Tier/Major Requirement)	Credit Hours	Upper Division	Minimum Grade
Tier I Freshman Composition	3		
Tier I Quantitative Skills	3		
Tier II Cross-cultural Perspectives	3		
Tier II Social Science	3		
Tier II Humanities & Literature	3		
Total hours (minimum 15)	15		

Semester 1: Fall

Course Subject and Title (Or General Tier/Major Requirement)	Credit Hours	Upper Division	Minimum Grade
MATH 1300 Pre-calculus	4		C
CHEM 1510 Principles of Chemistry I	4		C-
CHEM 1151 PLTL for CHEM 1510	1		

Course Subject and Title (Or General Tier/Major Requirement)	Credit Hours	Upper Division	Minimum Grade
BIOS 1700 Introduction to Biological Sciences I	3		C-
BIOS 1705 Biological Sciences I Laboratory	1		
BIOS 1100 Biological Sciences PLTL	1		
Total hours for semester	14		

Semester 2: Spring

Course Subject and Title (Or General Tier/Major Requirement)	Credit Hours	Upper Division	Minimum Grade
BIOS 1710 Introduction to Biological Sciences II	3		C-
BIOS 1715 Biological Sciences II Laboratory	1		C-
CHEM 1520 Principles of Chemistry II	4		
CHEM 1152 PLTL for CHEM 1520	1		
PT 2590 Introduction to Physical Therapy	2		
MATH 2301 Calculus	4	Yes	
Total hours for semester	15		

Semester 3: Summer

Course Subject and Title (Or General Tier/Major Requirement)	Credit Hours	Upper Division	Minimum Grade
Modern Languages 1	4		C
Modern Languages 2	4		
Total hours for semester	8		

Semester 4: Fall

Course Subject and Title (Or General Tier/Major Requirement)	Credit Hours	Upper Division	Minimum Grade
BIOS 3100 Genetics	3	Yes	C-
BIOS 3010 Human Anatomy	3	Yes	C-
BIOS 3015 Human Anatomy Laboratory	1	Yes	C-
PSY 2210 Statistics	4	Yes	
PSY 1010 General Psychology ²	3		
Arts & Sciences Humanities elective ¹	3		
Total hours for semester	17		

Semester 5: Spring

Course Subject and Title (Or General Tier/Major Requirement)	Credit Hours	Upper Division	Minimum Grade
BIOS 3200 Cell Biology	3	Yes	
BIOS 3450 Human Physiology	3	Yes	C
BIOS 3455 Human Physiology Laboratory	2	Yes	C
CHEM 3010 Organic Chemistry	3	Yes	
Tier II Fine Arts	3		

Course Subject and Title (Or General Tier/Major Requirement)	Credit Hours	Upper Division	Minimum Grade
PSY 2410 Child and Adolescent Psychology ²	3	Yes	
Total hours for semester	17		

Semester 6: Summer

Course Subject and Title (Or General Tier/Major Requirement)	Credit Hours	Upper Division	Minimum Grade
PHYS 2001	4	Yes	
PHYS 2002	4	Yes	
Total hours for semester	8		

Semester 7: Fall

Course Subject and Title (Or General Tier/Major Requirement)	Credit Hours	Upper Division	Minimum Grade
BIOS 3300 Evolution	3	Yes	
BIOS 4130 Human Neuroscience	3	Yes	
BIOS 4130 Human Neuroscience Lab	1	Yes	
Arts & Sciences Social Sciences Elective ²	3		
ENG 3XXXJ	3	Yes	
Total hours for semester	13		

Semester 8: Spring

Course Subject and Title (Or General Tier/Major Requirement)	Credit Hours	Upper Division	Minimum Grade
BIOS 4450 Physiology of Exercise	3	Yes	
BIOS 4450 Physiology of Exercise Laboratory	2	Yes	
BIOS 4630 Cell Chemistry	3	Yes	
Arts & Sciences Humanities Elective 2XXX ¹	3	Yes	
Arts & Sciences Tier III	3	Yes	
Total hours for semester	14		

¹ Fulfills A&S Humanities Distribution requirements

²Fulfills A&S Social Sciences Distribution requirements