

MAJOR SEQUENCE AND DEGREE REQUIREMENTS

Major: **BS BIOLOGY**

Option: **Pre-Athletic Training**

Major Field Requirements: **83.0 credits**

Other Requirements: **28.0-31.0 credits**

When applicable, up to six of the **REQUIRED RELATED** courses may be credited toward the Liberal Arts Core subject to normal distribution rules.

Course No.	Short Title	C.H.	Grade	Q.P.	Course No.	Short Title	C.H.	Grade	Q.P.
REQUIRED BIOLOGY COURSES (12.0 credits)					Required Related (28.0-31.0 credits)				
BIOL 101	Foundations of BIOL	4.0	_____	_____	Chemistry (16.0 credits)				
BIOL 211	Concepts of Zoology	4.0	_____	_____	CHEM 111	Intro to Chem I	4.0	_____	_____
BIOL 362	Cell & Development	4.0	_____	_____	CHEM 112	Intro to Chem II	4.0	_____	_____
REQUIRED PATHL COURSES (14 credits)					CHEM 235	Organic Chem	4.0	_____	_____
BIOL 254	A&P I	4.0	_____	_____	CHEM 326	Biochemistry	4.0	_____	_____
BIOL 255	A&P II	4.0	_____	_____	NOTE: Those wishing to complete a Chemistry minor must complete CHEM 265 (Quantitative Analysis) in addition to those Chemistry courses listed above.				
BIOL 352	Nutritional Science	3.0	_____	_____	Mathematics (4.0-5.0 credits)				
BIOL 375	Biometry	3.0	_____	_____	Choose one of the following:				
CLINICAL EDUCATION					MATH 161	Calculus	4.0	_____	_____
Millersville University					MATH 163	Hnrs. Calculus	5.0	_____	_____
Wellness and Sport Sciences Courses (18 credits)					Physics (8.0-10.0 credits)				
WELL 175	Wellness	3.0	_____	_____	PHYS 131	Physics I with Algebra	4.0	_____	_____
WSSD 311	First Aid & CPR	3.0	_____	_____	PHYS 132	Physics II with Algebra	4.0	_____	_____
WSSD 390	Ath. Trng. Techn. Anat.	3.0	_____	_____	or				
WSSD 450	Kinesiology	3.0	_____	_____	PHYS 231	Phys I with Calculus	5.0	_____	_____
WSSD 486	Perf.Enhancement	3.0	_____	_____	PHYS 232	Phys II with Calculus	5.0	_____	_____
WSSD 591	Exercise Physiology	3.0	_____	_____					
West Chester University Courses (15 credits)									
SMD 310	Thera Mod in AT w/Lab	4.0	_____	_____					
SMD 311	Thera Ex in At w/Lab	5.0	_____	_____					
SMD 312	Path/Eval Athl Inj II	3.0	_____	_____					
SMD 313	Path/Eval Athl Inj III	3.0	_____	_____					
WCU Video Conferencing Courses (24.0 credits)									
SMD 100	Found of Sport Med	3.0	_____	_____					
SMD 212	Path/Ev Athl Inj I	3.0	_____	_____					
SMD 315	Athl Inj Mgmt I	3.0	_____	_____					
SMD 316	Athl Inj Mgmt II	3.0	_____	_____					
SMD 414	Hist, Org, Admin of AT	3.0	_____	_____					
SMD 417	Ath Inj Mgmt III	3.0	_____	_____					
SMD 418	Ath Inj Mgmt IV	3.0	_____	_____					
SMD 454	Ther/Prac Cond	3.0	_____	_____					