MAJOR SEQUENCE AND DEGREE REQUIREMENTS

Major: **BS Allied Health Technology**
Option: **Pre-Athletic Training**
Major Field Requirements: **86.0 credits**
Other Requirements: **30.0 credits**

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

REQUIRED BIOLOGY COURSES (27.0 credits)

Course No.	Short Title	C.H.	Grade	Q.P.
BIOL 100	General Biology	3.0	____	____
BIOL 254	Human A&P I	4.0	____	____
BIOL 255	Human A&P 2	4.0	____	____
BIOL 257	Intro to Allied Health	1.0	____	____
BIOL 263	Cell Biology	4.0	____	____
BIOL 352	Nutritional Science	3.0	____	____
BIOL 365	Genetics	3.0	____	____
BIOL 454	Immunology	2.0	____	____
BIOL 461	General Microbiology	3.0	____	____

BIOLOGY ELECTIVES (2.0 credits)

In consultation with your adviser, choose additional biology courses to bring total biology courses to 29.0 credits.

BIOL	___	_____	___	____	____
BIOL	___	_____	___	____	____

Millersville University Wellness and Sport Sciences (WSSD) Courses (18 credits)

WELL 175	Wellness	3.0	_____	_____
WSSD 311	First Aid & CPR	3.0	_____	_____
WSSD 390	Ath. Trng. Techn. Anat.	3.0	_____	_____
WSSD 450	Kinesiology	3.0	_____	_____
WSSD 485	Mntl Trn in Sport	3.0	_____	_____
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 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	____	____

Required Related (30.0 credits)

Chemistry (16.0 credits)

CHEM 111	Intro to Chem I	4.0	____	____
CHEM 112	Intro to Chem II	4.0	____	____
CHEM 235	Organic Chem	4.0	____	____
CHEM 326	Biochemistry	4.0	____	____

NOTE: CHEM 231 & 232 (total of 8 credits) may substitute for CHEM 235.

Students who are enrolled in the BS ALHT degree program and are considering going to graduate school or attending medical, dental, veterinary school or wanting to enroll in school to become a pharmacist, physical therapist, or physician assistant after completing their clinical training SHOULD TAKE CHEM 231 & 232.

Mathematics (7.0 credits)

MATH 130	Statistics	3.0	_____	_____
MATH 160	Pre-Calculus	4.0	_____	_____

NOTE: Students who might be interested in attending graduate school or professional schools SHOULD ALSO TAKE MATH 161.

Physics (4.0 credits)

PHYS 131	Physics I with Algebra	4.0	_____	_____

NOTE: Students who might be interested in attending graduate school or professional schools SHOULD ALSO TAKE PHYS 132.

General Education Courses (G3)

PSYC 100	General Psychology	3.0	_____	_____

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.
REQUIRED BIOLOGY COURSES (12.0 credits)				
BIOL 101	Foundations of BIOL	4.0	____	____
BIOL 211	Concepts of Zoology	4.0	____	____
BIOL 362	Cell & Development	4.0	____	____
REQUIRED PATHL COURSES (14 credits)				
BIOL 254	A&P I	4.0	____	____
BIOL 255	A&P II	4.0	____	____
BIOL 352	Nutritional Science	3.0	____	____
BIOL 375	Biometry	3.0	____	____
CLINICAL EDUCATION				
Millersville University				
Wellness and Sport Sciences Courses (18 credits)				
WELL 175	Wellness	3.0	____	____
WSSD 311	First Aid & CPR	3.0	____	____
WSSD 390	Ath. Trng. Techn. Anat.	3.0	____	____
WSSD 450	Kinesiology	3.0	____	____
WSSD 485	Mntl Trn in Sport	3.0	____	____
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	____	____

Course No.	Short Title	C.H.	Grade	Q.P.
Required Related (28.0-31.0 credits)				
Chemistry (16.0 credits)				
CHEM 111	Intro to Chem I	4.0	____	____
CHEM 112	Intro to Chem II	4.0	____	____
CHEM 235	Organic Chem	4.0	____	____
CHEM 326	Biochemistry	4.0	____	____

NOTE: Those wishing to complete a Chemistry minor must complete CHEM 265 (Quantitative Analysis) in addition to those Chemistry courses listed above.

Mathematics (4.0-5.0 credits)				
Choose one of the following:				
MATH 161	Calculus	4.0	____	____
MATH 163	Hnrs. Calculus	5.0	____	____
Physics (8.0-10.0 credits)				
PHYS 131	Physics I with Algebra	4.0	____	____
PHYS 132	Physics II with Algebra	4.0	____	____
	or			
PHYS 231	Phys I with Calculus	5.0	____	____
PHYS 232	Phys II with Calculus	5.0	____	____