

ALLIED HEALTH TECHNOLOGY, B.S. - PRE-ATHLETIC TRAINING DUAL-DEGREE OPTION

Millersville University's Pre-Athletic Training program puts students on their way to the master's degree now required by the Athletic Training Strategic Alliance. MU collaborates with other graduate-level athletic training education programs in Pennsylvania to allow students to meet that requirement in five years. Following three years of coursework, students can apply to one of the select graduate programs. Upon the completion of your first year in that graduate program, students receive a Bachelor of Science (B.S.) in Allied Health Technology with an option in Pre-Athletic Training from Millersville University. Students who continue this course of study earn a Master of Science (M.S.) in Athletic Training from the affiliated university after a second year of graduate study.

Pre-Athletic Training students also have the option to complete all four years of their bachelor degree at MU before applying to an athletic training graduate program.

Major in Allied Health Tech-Pre-Athletic Trng, BS

Code	Title	Hours
BIOLOGY FOUNDATIONS		
General Biology with B- or higher		3
BIOL 100	General Biology	
REQUIRED BIOLOGY COURSES		
BIOL 254	Human Anatomy & Physiology I	4
BIOL 255	Human Anatomy & Physiology II	4
BIOL 352	Nutritional Science	3
BIOL 362	Cell and Developmental Biology	4
BIOL 364	Foundations of Genetics & Molecular Biology	4
BIOL 375	Biometry	3
BIOL 361	Microbiology	4
REQUIRED WELLNESS SPORT SCIENCES COURSES		
WSSD 311	Resp to Emergen: First Aid CPR	3
WSSD 375	Prevention and Care of Athletic Injuries	3
WSSD 450	Kinesiology and Phys Found of Sport	3
WSSD 452	Nutrition for Performance Enhancement	3
Sport Psychology - Choose 1 of the following:		3
WSSD 485	Perf Enhance:Mntl Trng in Sprt	
WSSD 582	Sport Psychology	
WSSD 491	Exercise Physiology	3
CLINICAL EDUCATION		
Athletic Training Clinical Coursework		7
Upon completion of one year of clinical education in an affiliated Athletic Training Program, up to 40% of the graduate credits will be counted toward the B.S. degree in Allied Health Technology, Pre-Athletic Training option		

Total Hours

54

Req Related for Allied Hlth Tech-Pre-Ath Trng, BS

Code	Title	Hours
For Allied Health Technology majors the G2 block of the Liberal Arts Core will be fulfilled by your required related coursework.		
CHEM 111	Introductory Chemistry 1	4
CHEM 112	Introductory Chemistry 2	4
ORGANIC CHEMISTRY - Choose 1 of the following:		4-8
A C- or higher in CHEM 111 and 112 is a pre-requisite for CHEM 235. A C- or higher in CHEM 231 is a pre-requisite for CHEM 232. Students planning to attend graduate school or pursue programs in medical, dental, veterinary, pharmacy, physical therapy or physician assistant after their clinical training should take CHEM 231 and 232 for this requirement.		
Short Course in Organic Chemistry - See Appendix 1		
Organic Chemistry I and Organic Chemistry II - See Appendix 2		
Precalculus		4
MATH 160	Precalculus	
Students interested in attending graduate or professional school should also take MATH 161		
Physics I with Algebra		4
PHYS 131	Physics 1 with Algebra	
Students interested in attending graduate or professional school should also take PHYS 132		
Health Psychology		3
PSYC 356	Health Psychology	
PSYC 100 and 227 or 228 should be taken as G3 electives, they are pre-requisites for PSYC 356. PHIL 100 (G1), SOCY 101 or ANTH 121 (G3), BIOL 207 (D, W) and COMM 461 (P) are also recommended courses to help students fulfill graduate school pre-requisites.		
Total Hours		23-27

Appendix 1. Short Course in Organic Chemistry

Code	Title	Hours
CHEM 235	Organic Chemistry	4

Appendix 2. Organic Chemistry I and Organic Chemistry II

Code	Title	Hours
CHEM 231	Organic Chemistry 1	4
CHEM 232	Organic Chemistry 2	4