

ALLIED HEALTH TECHNOLOGY, B.S. - SPORTS MEDICINE

The Sports Medicine degree program is for students who envision a future career in healthcare professions such as Athletic Trainer, Physical Therapist, Occupational Therapist, Physician Assistant, or Orthopedic Medicine – a branch of medicine that focuses on the care of the musculoskeletal system. This academic major provides students with the foundational knowledge of the human body, sport performance, and basic injury care. This major also provides students with the prerequisite coursework they will need to become eligible for graduate school.

Major in Allied Health Tech-Sports Medicine, BS

Code	Title	Hours
BIOLOGY FOUNDATIONS		
General Biology with B- or higher		
BIOL 100	General Biology	3
REQUIRED BIOLOGY COURSES (C- or higher)		
Must earn a C- or higher in all 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:		
WSSD 485	Perf Enhance:Mntl Trng in Sprt	3
WSSD 582	Sport Psychology	3
WSSD 491	Exercise Physiology	3
WSSD 492	Seminar in Sport Science	3
SPORTS MEDICINE ELECTIVES ¹		
undefined - Choose 6 hours from:		
BIOL 300	Co-Op Ed Experience in Biol	6
BIOL 454	Immunology	
BIOL 363	Medical Microbiology	
BIOL 438	Neurobiology	
BIOL 463	Virology	
BIOL 465	Developmental Biology	
BIOL 498	Independent Study	
BIOL 489	Honors Course	
BIOL 499	Departmental Honors	
WSSD 483	Legal Aspects of Sport	
WSSD 300	Co-Op Ed Experience in WSSD	
WSSD 400	Co-Op Ed Experience in WSSD	
WSSD 498	Independent Study	

In consultation with your advisor, choose a minimum of 6 credits from the following recommended courses. At least 2 credits must be from Biology (BIOL).

Total Hours 56

Req Related for Allied Hlth Tech-Sports Med, 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, 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		
CHEM 326	Biochemistry 1	4
Precalculus		4
MATH 160	Precalculus	
Students interested in attending graduate or professional school should also take MATH 161		
PHYSICS - Choose 1 of the following options 1-2:		8-10
Option 1. Physics with Algebra		
PHYS 131	Physics 1 with Algebra	
PHYS 132	Physics 2 with Algebra	
Option 2. Physics with Calculus		
PHYS 231	Physics 1 with Calculus	
PHYS 232	Physics 2 with Calculus	
Health Psychology		3
PSYC 356	Health Psychology	
PSYC 100 and 227 or 228 should be taken as G3 electives as 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 31-37

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