

SPORTS MEDICINE, INTEGRATIVE PHYSIOLOGY B.S.

General Degree Requirements

To earn a baccalaureate degree, all students must complete successfully, in addition to any other requirements, the University of Montana General Education Requirements. Please refer to the General Education Requirements page (<https://catalog.umt.edu/academics/general-education-requirements/>) for more information.

Additional requirements for graduation can be found on the Degree/Certificate Requirements for Graduation page (<https://catalog.umt.edu/academics/graduation-requirements/>).

Unless otherwise noted in individual program requirements, a minimum grade point average of 2.00 in all work attempted at the University of Montana-Missoula is required for graduation. Please see the Academic Policies and Procedures page (<https://catalog.umt.edu/academics/policies-procedures/>) for information on how your GPA is calculated.

Courses taken to satisfy the requirements of a major, minor, or certificate program must be completed with a grade of C- or better unless a higher grade is noted in the program requirements.

BACHELOR OF SCIENCE - INTEGRATIVE PHYSIOLOGY; SPORTS MEDICINE CONCENTRATION

Course Requirements

Students interested in Medical School should pay special attention to those additional requirements. Please meet with the Medical School Adviser in the School of Integrative Physiology and Athletic Training if you intend to also work towards Pre-Medical studies.

Code	Title	Hours
Lower-Division Departmental Required Courses		
Complete all of the following courses:		
AHAT 210	Prevention and Care Athletic Injuries	2
AHAT 213	Prevention and Care Athletic Injuries Lab	1
KIN 201	Basic Exercise Prescription	3
KIN 205	Foundations of HHP	3
NUTR 221N	Basic Human Nutrition	3
Outside Major Lower-Division Required Courses		
Complete one of the following courses:		
BIOH 112	Human Form and Function I	
BIOH 113	Human Form and Function II	
BIOB 160	Principles of Living Systems	
General Chemistry - Complete one of the following:		
CHMY 121N	Introduction to General Chemistry	3-5
CHMY 141N & CHMY 142N	College Chemistry I and College Chemistry I Lab	
CHMY 143N & CHMY 144N	College Chemistry II and College Chemistry II Lab	

Organic and Biochemistry - Complete one of the following series:		4-6
CHMY 123 & CHMY 124	Introduction to Organic and Biochemistry and Introduction to Organic and Biochemistry Lab	
CHMY 221 & CHMY 222	Organic Chemistry I and Organic Chemistry I Lab	
CHMY 223 & CHMY 224	Organic Chemistry II and Organic Chemistry II Lab	
Mathematics - Complete one of the following:		4-6
M 121 & M 122	College Algebra and College Trigonometry	
M 151	Precalculus	
M 162	Applied Calculus	
M 171	Calculus I	
Complete one of the following physics sequences:		5
Algebra- and Trigonometry-based:		
PHSX 205N & PHSX 206N	College Physics I and College Physics I Laboratory	
Calculus-based:		
PHSX 215N & PHSX 216N	Fundamentals of Physics with Calculus I and Physics Laboratory I with Calculus	
Statistics - Complete one of the following courses:		3-4
STAT 216	Introduction to Statistics (must be pre-approved by advisor)	
PSYX 222	Psychological Statistics (must be pre-approved by advisor)	
SOCI 202	Social Statistics (must be pre-approved by advisor)	
EDU 421	Statistical Procedures in Education (must be pre-approved by advisor)	
Complete all of the following courses:		
COMX 111A	Introduction to Public Speaking	3
PSYX 100S	Intro to Psychology	3
Upper-Division Departmental Required Courses		
Complete all of the following courses:		
AHAT 324	Assessment of the Extremities	2
AHAT 325	Assessment of the Extremities Lab	1
AHAT 342	Therapeutic Interventions	2
AHAT 343	Therapeutic Interventions Lab	1
HTH 475E	Legal and Ethical Issues Health and Exercise Professions	3
KIN 310	Strength Training & Cond	2
KIN 320	Exercise Physiology	3
KIN 321	Exercise Physiology Lab	1
KIN 322	Kinesiology	3
KIN 323	Anatomical Kinesiology Lab	1
KIN 330	Motor Learning and Control	3
KIN 410	Advanced Strength Training & Conditioning	3
KIN 425	Biomechanics	3
KIN 440	Sport Psychology	3
KIN 499	Capstone	3
KIN 460	ECG Assessment	2
NUTR 411	Nutrition For Sports & Exercise	3

Outside Major Upper-Division Required Courses ¹

Complete one of the following Anatomy and Physiology sequences: 8

University of Montana - Mountain Campus

BIOH 365 Human Anatomy and Physiology for Health
& BIOH 366 Professions I
and Human Anatomy and Physiology for
Health Professions I Laboratory

BIOH 370 Human Anatomy and Physiology for Health
& BIOH 371 Professions II
and Human Anatomy and Physiology for
Health Professions II Laboratory

Missoula College

BIOH 201N Human Anatomy & Physiology I
& BIOH 211N and Human Anatomy and Physiology II

Total Hours 87-94

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Students are required to take either BIOH 112, BIOH 113, BIOB 160 prior to taking Anatomy and Physiology. Students who take the BIOH 201N and BIOH 211N Anatomy and Physiology series may need to take additional upper division credits beyond the courses required in this concentration to meet the university of Montana requirement of 39 upper-division credits for graduation.