

EXERCISE SCIENCE PRE-ATHLETIC TRAINING – B.S.

This B.S. degree requires 60 liberal arts credits out of the 120 credits required for graduation.

Summary

Code	Title	Credits
Major Requirements		90-92
Integrative Core Curriculum and Electives ¹		28-30
Total Credits		120

¹ This major is approved to fulfill the Integrative Core Curriculum (<https://catalog.ithaca.edu/undergrad/programsaz/integrative-core-curriculum/>) requirement for the Natural Sciences perspective.

General Requirements

Code	Title	Credits
Select from one of the following:		
MATH 14500	Statistics for the Health, Life, and Social Sciences	3-4
or MATH 15500 Basic Statistical Reasoning		
PHYS 10100	Introduction to Physics I	4
BIOL 11900	Fundamentals of Biology: Cells and Bodies	4
PSYC 10300	General Psychology	3
Select from one of the following:		3-4
CHEM 10100	Chemistry and Your Body	
CHEM 11000	General Chemistry	
CHEM 12100	Principles of Chemistry	
& CHEM 12200 and Principles of Chemistry Laboratory		
Total Credits		17-19

Basic and Applied Sciences

Code	Title	Credits
EXSS 12000	Anatomy and Physiology I	4
EXSS 12100	Anatomy and Physiology II	4
EXSS 12500	Foundations of Human Performance and Wellness	2
EXSS 12600	Origins and Literacy of Medical Science	2
EXSS 22000	Kinesiology	4
EXSS 30600	Biomechanical Principles of Human Movement	4
EXSS 32100	Exercise Physiology	4
EXSS 37500	Research Methods in Exercise and Sport Sciences	3
Total Credits		27

Specific Requirements

Code	Title	Credits
HLTH 20200	Human Nutrition	3
HLTH 21700	Epidemiological Approaches to Disease Prevention and Control	3
EXSS 24600	Prevention and Care of Athletic Injuries	3
EXSS 31100	Biopsychosocial Foundations of Clinical Practice	3
EXSS 31200	Pre Healthcare Clinical Practicum I	1
EXSS 41100	Principles of Evidence Based Practice and Clinical Reasoning	2
EXSS 41200	Pre-Healthcare Clinical Practicum II	1
ATEG 50100	Biomedical Foundations of Clinical Science in Athletic Training	3
ATEG 50200	Acute Care and Emergency Management in Athletic Training	4
ATEG 50300	Clinical Pathoanatomy	3
ATEG 50400	Professional Practice in Athletic Training	2
ATEG 50500	Practicum in Athletic Training I	3
ATEG 50600	Assessment of Musculoskeletal Conditions and Injuries	4
ATEG 50700	Clinical Principles of Medical Science	4
ATEG 50800	Therapeutic Interventions in Athletic Training I	4
ATEG 51000	Practicum in Athletic Training II	3
Total Credits		46

Courses within the M.S. Athletic Training phase of the B.S./M.S. Program