

EXERCISE SCIENCE (B.S.) (COMBINED B.S./ M.S.N. NURSING - CARE COORDINATION AND TRANSITION MANAGEMENT CONCENTRATION)

Unless otherwise noted, 120 credits of coursework is required for a baccalaureate degree with a minimum 2.0 overall GPA, and a minimum 2.0 major GPA.

Degree Requirements Overview

Code	Title	Credits
SEEDS: General Education		21-24
Major Requirements		72
Graduate Swing Courses		23
Free Electives		4-1
Total Credits		120

Program Requirements

Requirements for the graduate portion of this combined program can be found here (<http://catalog.montclair.edu/programs/nursing-care-coord-transition-mgmt-concentration-msn/>).

Code	Title	Credits
Major Core		
EXSC 131	Fitness Concepts	3
EXSC 150	Principles and Practices of Risk Management for Exercise Science	3
EXSC 234	Leadership in Anaerobic Exercise	3
EXSC 255	Research Methods and Data Interpretation	3
EXSC 331	Exercise Assessment and Prescription	4
EXSC 420	Theoretical Foundations of Sports Conditioning	3
EXSC 430	Exercise for Special Populations	3
EXSC 475	Foundations and Practices in Cardiac Rehabilitation	3
EXSC 476	Seminar in Exercise Science	3
EXSC 480	Internship in Exercise Science	3
HLTH 101	Personal Health Issues	3
HPEM 199	Freshman Seminar in Health and Physical Education	1
PEMJ 320	Physiology of Exercise	4
PEMJ 321	Kinesiology	3
PEMJ 324	Basic Motor Learning	3
Major Electives		
By advisement for students in the combined program.		
BIOL 255	Survey of Microbiology	4
NURS 220	Human Growth and Development Across the Lifespan	3

CHEM 114	Fundamentals of Chemistry for Nursing	3
Collateral Requirements		
PSYC 101	Introduction to Psychology	3
NUFD 182	Nutrition: A Socioecological Perspective	3
BIOL 244	Anatomy and Physiology I	4
BIOL 245	Anatomy and Physiology II	4
STAT 109	Statistics	3
Total Credits		72

Graduate Swing Courses

A combined degree program allows students to complete 6-12 graduate credits ("graduate swing courses") while enrolled as an undergraduate. These courses count for both their bachelor and master's degrees. Graduate swing courses will count toward undergraduate free electives, unless noted otherwise.

The Graduate Swing Courses for this program:

Code	Title	Credits
NURS 500	Issues Affecting Health Care and Health Policy	3
NURS 501	Fundamentals of Professional Nursing	4
NURS 503	Principles of Pathophysiology	3
NURS 516	Principles of Pharmacology	3
NURS 520	Nursing Research and Evidence Based Practice	3
NURS 524	Principles of Health Assessment	4
NURS 535	Genetics and Genomics	3
Total Credits		23

SEEDS General Education Requirements

Click here for a list of courses that fulfill the SEEDS requirements. (<http://catalog.montclair.edu/programs/seeds-general-education-requirements/>)

Code	Title	Credits
Foundations		
<i>Effective Writing I</i>		
Complete one Effective Writing I course.		3
<i>Effective Writing II</i>		
Complete one Effective Writing II course.		3
<i>Interactive Communication</i>		
Complete one Interactive Communication course.		3
<i>Quantitative Reasoning</i>		
Fulfilled by STAT 109 in the major.		
<i>Political and Civic Life</i>		
Complete one Political and Civic Life course.		3
<i>World Language</i>		
Complete two sequential classes in one World Language when starting at the Beginner I or Beginner II level. Complete one class when starting at the Intermediate/Advanced Level.		3-6
Exploration		
Complete one course from four different Exploration categories:		6
<i>Analyzing Cultures and Society</i>		
Fulfilled by NUFD 182 in the major.		
<i>Creative Expression</i>		
<i>Ethical Inquiry</i>		

Historical Thinking

Literary and Artistic Analysis

Scientific Reasoning

Fulfilled by BIOL 244 in the major.

Total Credits

21-24

Recommended Roadmap to Program of Study Completion

This recommended five-year plan is provided as an outline for students to follow in order to complete their program of study requirements within **five years**. This plan is a recommendation and students should only use it in consultation with their academic advisor.

Fifth year courses are taken at the graduate level, after matriculation into the graduate portion of this combined degree program.