DEPARTMENT OF REHABILITATION AND MOVEMENT SCIENCE

http://www.uvm.edu/~cnhs/rms/

Exercise is a key to the maintenance of health and the prevention of heart disease, osteoporosis, diabetes, obesity and associated degenerative diseases and chronic conditions.

The Department of Rehabilitation and Movement Science comprises undergraduate majors in Athletic Training Education and in Exercise and Movement Science, and a doctoral degree in Physical Therapy. Graduates of these programs influence individuals across the life span by fostering wellness, preventing injuries and disease, facilitating high levels of skill, maintaining or restoring fitness, and rehabilitating individuals with injuries, diseases, chronic conditions, and disabilities.

Requirements for admission are the same as the general university requirements, with the addition that applicants must have taken high school biology, mathematics through trigonometry or precalculus, and chemistry; physics is highly recommended.

MAJORS

REHABILITATION AND MOVEMENT SCIENCE MAJORS

Athletic Training Education B.S.

Exercise and Movement Science B.S.

GRADUATE

Physical Therapy D.P.T.

See the online Graduate Catalogue for more information

Courses

RMS 095. Introductory Special Topics. 1-18 Credits.
See Schedule of Courses for specific titles.

RMS 157. Prevention & Care Athletic Inj. 3 Credits.
Course focuses on prevention, recognition, and care of injuries incurred by the physically active. Includes topics of anatomy, biomechanics, nutrition, environmental concerns, and emergency procedures.

RMS 188. D2:Org&Ldrship in AthTrn&Ex Sc. 3 Credits.
Concepts of diversity, equity, and active citizenship in health care management, professional development, leadership, and professional ethics for athletic training and exercise-related professions. Pre/co-requisites: Junior standing; AT and EMS majors only.

RMS 195. Intermediate Special Topics. 1-18 Credits.
See Schedule of Courses for specific titles.

RMS 213. Biomechanics of Human Movement. 3 Credits.
Students learn to apply kinesiology and biomechanical principles and concepts to the analysis of human movement, posture, joint structure and function, and gait. Pre/co-requisites: ANPS 019/ANPS 020, and Undergraduate Physics.

RMS 220. Research I. 3 Credits.
Focus is on critical analysis of research literature. Emphasis on critically reading and interpreting published research regarding applicability to the practice of health care professionals. Pre/co-requisite: Undergraduate Statistics.

RMS 244. Patient Mgmt Therapeutic Modal. 0 or 3 Credits.
Lecture/laboratory experience re therapy and application skills for therapeutic modalities including heat, cold, light, water, sound, electricity, massage, traction, pneumatics, and biofeedback. Pre/co-requisite: ANPS 019/ANPS 020.

RMS 250. Exercise Physiology. 0-4 Credits.
An exploration of the acute and long-term responses to exercise on the metabolic, skeletal, cardiovascular, and respiratory systems. Prerequisites: ANPS 019/ANPS 020; EMS, AT majors only or Instructor permission.

RMS 280. Senior Research Experience. 1-4 Credits.
This course is designed to increase student understanding of the connection between systematic investigation and professional knowledge through a range of research activities and experiences. Pre/co-requisites: RMS 220, Instructor permission.

RMS 295. Advanced Special Topics. 1-18 Credits.
See Schedule of Courses for specific titles.