MASTER OF EDUCATION
PHYSICAL EDUCATION

FACULTY

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Robert Rausch, Ph.D. (Coordinator and advisor, graduate program)
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Kathryn Stanne, Ed.D.

Description of Program:

The Master of Education degree program in the Department of Movement Science, Sport and Leisure Studies is designed to complement the undergraduate teacher certification program. It will enable the qualified student to satisfy all state competencies for Professional Licensure as a teacher of elementary or secondary physical education.

The Master of Education degree is designed to serve individuals who possess Initial certification and who are required to earn the Professional teacher certification. Additionally, individuals with Professional Licensure required to earn Professional Development Points toward re-certification or wish to pursue a M.Ed. with emphasis on Physical Education may also be served by this program.

Academic Standing:

Students must maintain a QPA of 3.00 or higher throughout their studies in order to remain in “Good Academic Standing”. Students who earn a QPA below 3.00 will not be approved for degree candidacy, nor will they be approved for graduation.

Retention in Degree Program:

1. Students must demonstrate progress toward attaining the degree within the six year time limit.
2. All degree requirements must be completed within a six year period commencing from the date of the first course credited toward your degree, including transfer credits from other accredited institutions.
3. Satisfactory completion of a comprehensive examination.
4. Satisfactory completion of a research proposal.
MASTER OF EDUCATION (leading to Professional Licensure)
PHYSICAL EDUCATION

This program is designed to serve students who possess Initial Licensure and who are required to earn the Professional teacher license. It will enable the qualified student to satisfy all state competencies for Professional Licensure as a teacher of elementary or secondary physical education. Students who enter the program with Professional Licensure will benefit from the graduate perspective and receive the benefits of the courses without requiring the clinical components.

Students are required to successfully complete a written comprehensive examination to demonstrate mastery of knowledge gained in coursework and to relate concepts across the curriculum. The comprehensive exam may be taken after completing 27 s.h. of required coursework within the Master’s program.

Prerequisites:

1. A bachelor’s degree from a regionally accredited college or university.
2. Overall undergraduate QPA of 2.70 or higher.
3. Initial or Professional Massachusetts certification in elementary or secondary physical education.
4. Communication skills necessary to successful graduate study as demonstrated by achieving a grade of C or higher in English Composition I and II.
5. Introductory level courses in Adaptive Physical Education, Computer Applications and Child or Adolescent Psychology or Motor Development and Behavior.

Required Courses:

Education (3 s.h.)
EDUC 0633   Social Cultural Theories

Movement Science (12 s.h.)
MOVP0605   Applied Quantitative Methods in Physical Education
MOVP0610   Analyzing Physical Education and Sport Instruction
MOVP0615   Research Methods in Physical Education
MOVP0620   Current Issues in Physical Education

Competency I/Pedagogical Content (18 s.h.)
MOVP0612   Organization and Administration in Physical Education
MOVP0625   Biomechanics
MOVP0630   Curriculum Development in Physical Education
MOVP0635   Technological Application in Physical Education
MOVP0636   Liability and Risk Management in Physical Education
MOVP0640   Advanced Motor Learning

Requirements for Master’s Degree: 33 s.h.
Requirements for Professional Licensure: (these courses are required only for those seeking Professional Licensure)

MOVP0649 Clinical Seminar in Physical Education 3 s.h.
MOVP0650 Clinical Experience in Physical Education* 3 s.h.

*Approval is required for placement in Clinical Experience
Deadline to apply: Fall semester - April 1st
                     Spring semester - November 1st
## MOVEMENT SCIENCE COURSES

**MOVP 0605 APPLIED QUANTITATIVE METHODS 3 s.h.**
This course is designed to provide an overview of descriptive and inferential statistics, both parametric and non-parametric. Students will be expected to demonstrate competency in: 1) Knowledge of statistical techniques and measurement procedures in order to develop and administer valid testing and evaluation programs in physical education and 2) the application of statistical methods to current research problems in physical education.

**MOVP 0610 ANALYZING PHYSICAL EDUCATION AND SPORT INSTRUCTION 3 s.h.**
The purpose of this course is to provide information with which to critically analyze the instructional process in physical education. The processes of collecting meaningful information on instruction and objectively evaluating teacher behavior and the effect of such on student learning will be examined.

**MOVP 0612 ORGANIZATION AND ADMINISTRATION OF PHYSICAL EDUCATION 3 s.h.**
Principles and procedures involved in the management of physical education programs. The course includes an investigation of the financial, personnel, public relations, political, legal, facility, and philosophical aspects of organization and administration.

**MOVP 0615 RESEARCH METHODS IN PHYSICAL EDUCATION 3 s.h.**
This course is designed to provide the student with basic knowledge of research techniques, terminology and methodology in order to apply research findings to physical education teaching. Topics include the nature of research, interpretation of data, design of research and formulation and completion of a research project.

**MOVP 0620 CURRENT ISSUES IN PHYSICAL EDUCATION 3 s.h.**
Prerequisite: Permission of Instructor
Examination and analysis of current issues and trends in physical education.

**MOVP 0625 BIOMECHANICS 3 s.h.**
Prerequisite: BIOL 0237 Anatomy and Physiology
This class provides an in-depth examination of the anatomical and mechanical principles related to human movement. The primary focus is on the practical application of the knowledge in the analysis and enhancement of performance.

**MOVP 0630 CURRICULUM DEVELOPMENT IN PHYSICAL EDUCATION 3 s.h.**
This course will provide an in-depth examination of curriculum design and planning for K through 12 physical education programs in schools.

**MOVP 0635 TECHNOLOGICAL APPLICATIONS IN PHYSICAL EDUCATION 3 s.h.**
An exploration of computer and video technology with applications to physical education. This course will encompass the development and production of materials as well as the evaluation of equipment and software.
MOVP 0636  LIABILITY AND RISK MANAGEMENT IN PHYSICAL EDUCATION 3 s.h.
Prerequisite: Permission of Instructor
Examination of the legal system and the unique legal problems and responsibilities in conducting a physical education program. Identification of potentially liable situations and development of risk management plans.

MOVP 0640  ADVANCED MOTOR LEARNING 3 s.h.
Prerequisite: MOVP 0202 Introduction to Motor Learning
This course traces the evolution of those theories and models which have made an impact of the field of motor learning and motor control. Topics will include information processing, impulse-timing, mass-spring models, coordinative structures, and dynamical systems, among others. Emphasis will be on the implications of such concepts in a practical setting.

MOVP 0649  CLINICAL SEMINAR IN PHYSICAL EDUCATION 3 s.h.
Prerequisites: Permission of instructor, Co-requisite for Clinical Experience.
Introduces students to the basic concepts and principles of the clinical experience in preparation for Full Physical Education Teacher certification. Problems, issues and concerns confronting the physical education teacher will be identified and clarified. Strategies for communicating and resolving them effectively will be developed.

MOVP 0650  CLINICAL EXPERIENCE IN PHYSICAL EDUCATION 3 s.h.
Prerequisites: Permission of instructor, Co-requisite for Clinical Seminar.
Field experience intended for teachers with provisional certification with advanced standing seeking full/Professional Licensure in K-9 or 5-12. Designed to provide the teacher of physical education the opportunity to integrate theory and practice in teaching physical education guided by a cooperating practitioner and supervised by the College’s movement science faculty. Participation in the clinical experience is by permission, with advance application required.

EDUC 0633  SOCIAL CULTURAL THEORIES: FOUNDATIONS OF EDUCATION 3 s.h.
A comprehensive survey and critical analysis of the philosophical, sociological, historical and economic foundations of current major views regarding the nature and aims of education, curriculum design and validation, school organization and policy, and teaching-learning. The foundations of current proposals for school reform will be examined in depth.