ONLINE PHYSICAL EDUCATION (PROFESSIONAL CERTIFICATION)

Program Director: Timothy Sawicki

Degree: Master of Science

Introduction

These programs offer graduate study leading to the Master of Science degree. They are designed to develop job-related competencies with the goal of producing physical education professionals, health educators, and master's degree is ten courses (30 credits).

Admission/Graduation

Applicants must meet the general requirements for admission to graduate study in the School of Education and Human Services. Student performance and progress toward program completion will be assessed regularly in terms of established competencies. A GPA of 3.00 (B) on a four point scale is required for graduation. A grade of F earns 0 credits.

Curriculum

On-line Physical Education

Master of Science Degree/Professional Certification

The program is designed for individuals wishing to become a physical education professional or permanently certify themselves as a physical educator. This program is ideal for coaches and others with demanding schedules who need to balance work and family while continuing their education.

The master's degree requirement for professional certification in New York State. The student will complete the nine credit research core sequence, twelve credit teaching sequence, and nine credits of electives.

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<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>PEG 615</td>
<td>Statistics in Physical Education/Health</td>
<td>3</td>
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<tr>
<td>PEG 680</td>
<td>Research Methods in Physical &amp; Health Education</td>
<td>3</td>
</tr>
<tr>
<td>PEG 684</td>
<td>Capstone in Teaching Physical Education and Health</td>
<td>3</td>
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Teaching Sequence

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<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>PEG 650</td>
<td>Analysis of Curriculum and Teaching</td>
<td>3</td>
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<tr>
<td>PEG 660</td>
<td>Advanced Human Growth and Motor Development</td>
<td>3</td>
</tr>
<tr>
<td>PEG 670</td>
<td>Advanced Teaching Methods in Physical Education</td>
<td>3</td>
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<tr>
<td>PEG 671</td>
<td>Authentic Assessment in Physical Education</td>
<td>3</td>
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Electives

Select three of the following:

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<tr>
<th>Code</th>
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<tbody>
<tr>
<td>PEG 609</td>
<td>Health and Cultural Awareness</td>
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<tr>
<td>PEG 612</td>
<td>Principles and Foundations of Holistic Health</td>
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<td>PEG 614</td>
<td>Alternative Medicine</td>
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<td>PEG 616</td>
<td>International Health Perspectives</td>
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<td>PEG 618</td>
<td>Controversial Issues in Health and Society</td>
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<td>PEG 620</td>
<td>Leadership In Physical Education and Athletics</td>
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<td>PEG 630</td>
<td>Physical Education for the Exceptional Individual</td>
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<td>PEG 632</td>
<td>Recreational Activities for Individuals with Special Needs</td>
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<td>PEG 640</td>
<td>Social Psychology of Sport and Physical Activity</td>
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<td>PEG 645</td>
<td>Performance Enhancements and Interventions: Sports Psychology</td>
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<td>PEG 646</td>
<td>Sport in Society</td>
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<td>PEG 651</td>
<td>Coaching Theory and Techniques</td>
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<tr>
<td>PEG 681</td>
<td>Legal Aspects in Physical Education and Athletics</td>
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<tr>
<td>PEG 687</td>
<td>Contemporary Issues in PE/Athletics</td>
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Total Credits: 30

1 Graduate Education or other PEG electives may be substituted with approval from the Department Chair or Program Director. The total requires the master’s of science degree is ten courses (30 credits).

Learning Goals & Objectives

Learning Goal 1 (KNOWLEDGE – Observed in Writing)

Candidates in the Advanced Physical Education program will demonstrate content knowledge, pedagogical, and professional knowledge necessary for successful performance in their field.

Advanced PE Teachers:

- Come to understand disciplinary content knowledge, the application of content knowledge to teaching physical education, and modes of inquiry that form the bases for physical education programs and instruction
- Use their knowledge of students to make every student feel important. They communicate through a humane, sensitive approach that each child, regardless of ability, can succeed and will benefit from a physically active, healthy lifestyle.
Advanced PE Teachers: the wider community.

Learning Goal 5 (LEADERSHIP)
Candidates will become adept at applying their acquired knowledge in the process of evaluating their own professional performance and decision-making with respect to its impact on students and/or clients, organizations, and the wider community.
Advanced PE Teachers:
• Do not work in isolation but function as members of a large learning community. Recognizing that their responsibilities extend beyond their own classrooms, they contribute purposefully to enhancing instructional programs and improving the professional culture of their field.

Courses
PEG 615 Statistics in Physical Education/Health
Descriptive statistical methods including central tendencies, dispersion standard scores, correlation, and probability theory will be addressed. The elements of test construction: table of specifications, reliability, validity and item analysis will be considered. Candidates will become familiar with norm referenced, criterion referenced and performance instruments and will study the diagnostic teaching model of instruction. Technology will be used to simulate evaluation and statistical analysis.

PEG 680 Research Methods in Physical & Health Education
Identification and delineation of research problems, survey of related literature and detailed examination of various research methods. Attention given to the presentation of research in both written and oral form.

PEG 684 Capstone in Teaching Physical Education and Health
Analysis and evaluation of issues, directed readings, and comprehensive exam of content and theory identified in the program. Professional portfolio developed.

PEG 650 Analysis of Curriculum and Teaching
The purpose of this course is to examine the philosophy, objectives, analysis, development, and implementation of curriculum in physical education.

PEG 660 Advanced Human Growth and Motor Development
The course is designed to study motor development across the lifespan. Special interest will be focused on early environmental influences on development. Students will study early environmental influences on motor development and will learn about factors such as nutrition, parents, alcohol, smoking, coaches and the many other environmental factors that effect the child's early development and review how their behaviors in and out the classroom influence a child's development.

PEG 670 Advanced Teaching Methods in Physical Education
Examination of Mosston's Spectrum of Teaching Styles in Physical Education. Focus will be on applying the teaching styles to various units in physical education.

PEG 671 Authentic Assessment in Physical Education
Content and theory related to authentic and alternative assessment in physical education. Development, implementation and assessment of authentic assessments in physical education included.

PEG 609 Health and Cultural Awareness
A multicultural perspective of health, wellness and healing. Focus on health issues and concerns that ethnic minority populations face in the United States. Promotes awareness of the diversity of attitudes, values and beliefs from various cultural backgrounds. Explores traditional healing theories and practices of cultures across the world and their use among our ethnic populations today.

PEG 612 Principles and Foundations of Holistic Health
An alternative and complimentary perspective on health and well-being. Focus on the most effective holistic approaches to illness and today's prevention and treatment opportunities. A comparison of holistic modalities to conventional medical practices.

PEG 614 Alternative Medicine
Theory and content related to various topics in the field. May include topics such as reflexology, acupuncture, aromatherapy, meditation, massage, and herbal remedies.
PEG 616 International Health Perspectives 3 Credits
Examines the constantly evolving global health issues of the 21st century. Focus on international health problems and solutions to reduce human pain and suffering. Topics include globalization of international health, changing environmental conditions, nutritional challenges of developing countries and industrialized nations, epidemics of non-communicable and infectious disease, maternal and child health, comparison of health care systems and the future of world health.

PEG 618 Controversial Issues in Health and Society 3 Credits
Encourages critical thought on important health issues and provides a context for controversy. Explores dimensions and approaches to the study of health and society. Examines a variety of opposing viewpoints related to health science and personal health using a debate framework. Topics include euthanasia, sexuality and gender issues, human cloning, stem cell research, organ trafficking, gun control, substance abuse, etc.

PEG 620 Leadership in Physical Education and Athletics 3 Credits
This course will examine the appropriate concepts relating to efficient management and leadership for physical education, sport and recreational settings. Principles and techniques of management associated with effective leaders of programs, personnel, facilities, and participants in the sport activity field.

PEG 630 Physical Education for the Exceptional Individual 3 Credits
Principles and objectives of programming for exceptional individuals in physical activity. Diagnostic techniques, activity modifications, contraindicated activities and causes of disabilities.

PEG 632 Recreational Activities for Individuals with Special Needs 3 Credits
Development of community recreational facilities and equipment for the handicapped from childhood through old age. Emphasis on promotion, organization and administration.

PEG 640 Social Psychology of Sport and Physical Activity 3 Credits
Psycho-social development, psychological factors in competitive sport and social behavior in sport contexts. Includes emotions, the coach/athlete relationship, motivation, personality and mental training techniques.

PEG 645 Performance Enhancements and Interventions: Sports Psychology 3 Credits
Educates professionals in learning theoretical constructs and implementing related counseling interventions with athletes. Investigates the application of sport psychology/counseling strategies across many different fields and domains, such as physical education, counseling and sport administration.

PEG 646 Sport in Society 3 Credits
A sociological inquiry into North American Sport as a social institution. Sport is examined as a microcosm of the larger society and how it reflects the dominant ideology of the time. Institutional interconnections between family, politics, economics and religion bring the role of sport in society into focus. Topics such as social stratification, prejudice, discrimination and collective behavior are discussed.

PEG 651 Coaching Theory and Techniques 3 Credits
Principles of effective coaching, including the role of the coach, practice planning, leadership theory, sport psychology and teaching motor skills.

PEG 681 Legal Aspects in Physical Education and Athletics 3 Credits
The goal of the course is to enable the student to identify, analyze and understand legal issues and to discuss the ramifications of those issues in their professional lives. The course attempts to provide the student with an understanding of the legal principles relevant to educational and sport setting. The course considers the legal liabilities and responsibilities of athletic coaches, administrators and physical education instructors in the educational institutions, with review and discussion of current case law.

PEG 687 Contemporary Issues in PE/Athletics 3 Credits
Focuses on current issues which help define the field of Physical and Health and high school athletics. Students examine the resolution of issues for topics such as meeting the New York State Learning Standards, zero tolerance for substance abuse on athletic teams, sportsmanship, winning and losing, and the state of childhood obesity.