The Master of Arts degree in physical education (curriculum code TRP) is designed to provide students with a broad background in physical education, the movement sciences, and related areas. Generally, those entering this program do not have an undergraduate degree in physical education, kinesiology, or movement science. It is designed for those students whose career goals include teaching in schools, teaching or assuming leadership in community education programs, fitness management, coaching, and related areas.

The program is designed to allow for considerable flexibility in selecting courses so that students can choose those experiences that best suit their needs, interests, and professional goals. A total of thirty-two (32) credits is required for the degree. There are additional requirements, beyond the thirty-two credits, for those who want to be recommended for teacher certification through the New York State Department of Education. To qualify for the degree, students must achieve an average of B- or above and complete an approved integrative paper.

With an advisor, each student plans a program of study to meet his or her needs. Courses are selected from the following categories:

**PHYSICAL EDUCATION COURSES (15 credits)**

BBSR 5040 Curriculum Designs in Physical Education (3 credits)
BBSR 5240x Fieldwork in Physical Education Curriculum (3 credits)
BBSR 5041 Analysis of Teaching Physical Education (3 credits)
BBSR 5240y Fieldwork in Physical Education Teaching (3 credits)
BBSR 5543 Seminar in Physical Education (3 credits)

**RESEARCH METHODS COURSE (3 credits)**

BBSR 5582 Research Design in Movement Science and Education (3 credits)
OTHER PHYSICAL EDUCATION COURSES (0-6 credits)

BBSR 5043 Administration of Physical Education and Athletics (3 credits)
BBSR 4080 Teaching Physical Education (3 credits)

MOVEMENT SCIENCE COURSES (6-14 credits)

BBSR 4005 Applied Anatomy and Biomechanics (3 credits)
BBSR 4060 Motor Learning (2-3 credits)
BBSR 4070 Introduction to the Psychosocial Study of Human Movement (2-3 credits)
BBSR 4090 Physical Fitness, Weight Control and Relaxation (3 credits)
BBSR 4095 Applied Physiology I (3 credits)
BBSR 4865 Motor Learning Laboratory (1-2 credits)
BBSR 4195 Applied Physiology Laboratory I (3 credits)
BBSR 5028 Motor Development (2-3 credits)
BBSR 5095 Exercise and Health (3 credits)

DANCE (0-6 credits)

A&HG 5007 Curriculum Design in Dance (3 credits)
A&HG 5016 Teaching Dance: Adolescence through Adulthood (3 credits)
A&HG 5110 Teaching Children’s Dance (3 credits)

HEALTH EDUCATION COURSES (0-9 credits)

HBSS 4000 Introduction to Nutrition (3 credits)
HBSS 4100 Introduction to Health Education (3 credits)
HBSS 4110 Health Promotion for Children and Adolescents (3 credits)
HBSS 4115 Health Promotion for Aging Adults (3 credits)
HBSS 4116 Health Education for Teachers (3 credits)
HBSS 4150 Sports Nutrition (3 credits)

EDUCATION COURSES (0-12 credits)

HBSE 4000 Introduction to Special Education (3 credits)
C&T 4005B Principles of Teaching and Learning (3 credits)
C&T 4020 The Environments of Schools (3 credits)
HUDP 4022 Developmental Psychology: Childhood (3 credits)
HUDP 4023 Developmental Psychology: Adolescence (3 credits)
HUDP 4050 Introduction to Measurement (3 credits)

ELECTIVES (0-9 credits)

May be selected from any courses offered at Teachers College with advisor approval.
INTEGRATIVE PAPER

In addition to completing courses, each student completes an integrative paper. A variety of options can be used to complete this project—a detailed analysis of a real-world physical education setting based on work completed in the required physical education courses, a theoretical paper, or a research project. Students work closely with their advisor on planning, conducting, writing, and revising the paper. Prior to graduation, the integrative paper must be approved.

PHYSICAL EDUCATION TEACHER CERTIFICATION

Students wishing to be eligible for New York State Department of Education certification as a K-12 physical education teacher must complete additional requirements beyond the M.A. degree. Among the other requirements are: (a) an undergraduate degree in kinesiology or physical education or the equivalent in course work (see below) (b) completion of 100 hours of pre-practica; (c) completion of a full semester of student teaching (BBSR 4700, 3 credits); (d) completion of state-approved courses in Detection and Reporting of Child & Substance Abuse and in Violence Prevention; (e) satisfactory scores on the state administered ATS-W, LAST, and the Physical Education Content Specialty tests. The exact coursework needed to complete state teacher certification requirements will be determined by the program coordinator.

Entry to teacher certification program

Students entering the physical education teacher certification program normally have an undergraduate degree in kinesiology or a related field (e.g., physical education, exercise science, movement science). Students who do not have a degree in physical education are required to have the equivalent in course work in order to be admitted to the program or may make up the prerequisites once admitted to the program.

As a prerequisite to entering the teacher education program all students are required to have a minimum of 24 hours in the disciplinary aspects of kinesiology including courses in: (a) exercise/applied physiology; (b) fitness and physical activity program planning; (c) biomechanics and anatomy; (d) sport psychology; (e) sport sociology/cultural studies of physical activity; (f) motor learning and control; (g) measurement and evaluation/assessment of physical activity; (h) growth and motor development; and (i) prevention and treatment of athletic injuries. All students are required to document competence in a wide variety of motor activities including: (a) team sports; (b) individual sports; (c) racquet activities; (d) dance and rhythms; (e) aquatics; (f) fitness activities; and (g) adventure activities. In order to meet the motor activity prerequisites, students may have completed a college class, have significant documented participation in the activity, or completed community education courses (e.g., Water Safety Instructor class through the American Red Cross). In addition, students in the physical education certification program are required to have first aid and CPR certification issued by a national certification agency.
Each student’s transcript will be evaluated to determine if he or she has completed the prerequisites. Students who do not have the prerequisites will be required to make them up early in their program. Content course deficiencies will be made up, with the approval of the program coordinator, through courses at Teachers College, Columbia University or another college or university. Students who are deficient in physical activity courses will be required to make up courses through the Columbia College physical education program, or other educational experiences that are approved by program faculty.

Courses for physical education teacher certification (in addition to prerequisites):

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For more information contact:

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