

2009

Physics Education (PHED)

Montclair State University

Physics Education

significance. The role of recreation programs and services in meeting current and future needs of society. For non-recreation and leisure studies majors only.

PHED401	Title Prerequisites Number and type of credits Course Description	The Teaching of Science in Secondary Schools. Admission to the Teacher Education Program. 4 hours lecture. Considered are the objectives, curriculum, planning, instructional strategies appropriate to science, materials, methods of evaluation, health safety and legal responsibilities in the secondary science program. The use of computers in the science instructional program will also be emphasized.
PHED505	Title Number and type of credits Course Description	Research Seminar in Science. 2 hours seminar. This course is designed to afford opportunity for graduate students in science, supervisors, and science teachers: (1) to investigate research in science education; (2) to organize science experiences and science information with the teaching materials for the public schools. Each member of the group selects a project. This project must be presented to the science faculty and graduate students for evaluation.
PHIL100	Title Number and type of credits Course Description	Introduction to Philosophy. 3 hours lecture. The nature, scope, methods, basic problems and major types of philosophy. Meets Gen Ed 2002 - Humanities, Philosophy or Religion.
PHIL102	Title Number and type of credits Course Description	Ethics. 3 hours lecture. The nature of ethical judgments, the meaning of moral concepts, the conditions of moral responsibility and the methodological presuppositions of ethical
PHIL102	Course Description	theories in philosophy and religion. Meets the 2002 General Education Requirement - Humanities, Philosophy/Religion.
PHIL106	Title Number and type of credits Course Description	Logic. 3 hours lecture. The forms of deductive and inductive argument in traditional logic, the fundamentals of modern formal logic. Meets Gen Ed 2002 - Humanities,