2009

Conservation/Field Studies (CNFS)

Montclair State University

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<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
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<tr>
<td>CMST698</td>
<td>Master's Thesis.</td>
<td>Departmental approval.</td>
<td>Independent research project done under faculty advisement. Students must follow the MSU Thesis Guidelines, which may be obtained from the Graduate School. Students should take CMST 699 if they don't complete CMST 698 within the semester. Previous course SPCM 698 effective through Spring 2012.</td>
</tr>
<tr>
<td>CMST699</td>
<td>Master's Thesis Extension.</td>
<td>CMST 698.</td>
<td>Continuation of Master's Thesis Project. Thesis Extension will be graded as IP (in Progress) until thesis is completed, at which time a grade of Pass or Fail will be given.</td>
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<tr>
<td>CNFS460</td>
<td>Practicum in Environmental Education.</td>
<td>EDFD 200.</td>
<td>This course is designed to provide future teachers and supervisors with a background of experience and knowledge which will enable them to organize and conduct environmental education programs. Using an extensive library of environmental education materials, students formulate teaching units, lists of teaching aids, and projects suitable for use in environmental education programs. Participating in programs with school children in residence at the School of Conservation furnishes a practical background for environmental education development.</td>
</tr>
<tr>
<td>CNFS470</td>
<td>Introduction to Wilderness Stewardship.</td>
<td>EAES 201.</td>
<td>Intensive two-week backcountry camping course to be held entirely in the field. Provides a basic understanding of how to utilize our natural areas with minimum environmental impact while pursuing outdoor recreational activities. An additional laboratory fee to cover food, lodging, and equipment is required.</td>
</tr>
<tr>
<td>CNFS471</td>
<td>Fundamentals of Wilderness Leadership.</td>
<td>CNFS 470.</td>
<td>Intensive three-week backcountry camping course to be held entirely in the field. Throughout the program, leadership, judgment, conservation, and sound</td>
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Conservation / Field Studies
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<tr>
<td>CNFS472</td>
<td>Training for Wilderness Leaders.</td>
<td>EAES 201.</td>
<td>1 hour lecture</td>
<td>Intensive five week wilderness camping course to be held entirely in the field. Provides a basic understanding of backcountry principles and various travel skills and emphasizes leadership, judgment, conservation and sound expedition skills. A lab fee to cover the cost of food, lodging, and equipment will be required.</td>
</tr>
<tr>
<td>CNFS495</td>
<td>Workshop on Utilizing Natural Environments.</td>
<td>EDFD 200.</td>
<td>1 hour lecture</td>
<td>To provide classroom teachers in all disciplines with experiences in using the environment to supplement classroom experiences. Opportunity for teachers to increase their knowledge of as well as skills in the techniques of incorporating the physical, biological, and socio-cultural components of the environment in their curricula will be emphasized through the use of small group lecture sessions held in the natural environment being described. Students are provided with the opportunity of administering and experimenting in each of four such environments out of a choice ranging from 15 to 20 specific subject areas.</td>
</tr>
<tr>
<td>CNFS496</td>
<td>Field Study in Humanities and Natural Science.</td>
<td>EDFD 200.</td>
<td>1 hour lecture</td>
<td>Provides teachers in varied and diversified subject areas with an understanding of how the humanities and sciences may be taught in various environments for the purpose of developing an environmental sensitivity.</td>
</tr>
<tr>
<td>CNFS497</td>
<td>Field Studies in Social Studies and Outdoor Recreation.</td>
<td>EDFD 200.</td>
<td>1 hour lecture</td>
<td>Provides an understanding of how outdoor pursuits and social studies may be taught using the environment to develop environmental sensitivity. Does not meet resident requirement.</td>
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<tr>
<td>CNFS500</td>
<td>Curriculum Development in Environmental Education.</td>
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<tr>
<td>CNFS501</td>
<td>Outdoor Teaching Sites for Environmental Education.</td>
<td>CNFS 521.</td>
<td>3 hours lecture.</td>
<td>The historical, philosophical, and conceptual aspects of developing a K-12 environmental education curriculum. The focus is on the four major curriculum areas: humanities, social studies, environmental science and outdoor pursuits with proposed activities for the classroom, school grounds, community, and natural areas, intended to enhance the students' awareness of environmental problems and their possible solutions.</td>
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<tr>
<td>CNFS502</td>
<td>American Heritage Skills.</td>
<td>CNFS 522.</td>
<td>2 hours lecture.</td>
<td>This course will focus on the home lifestyle for the American colonies from the 1600s to the 1800s. Various skills such as spinning, working with wool, natural dyeing, candle making, rug making, soap making, quilting, and food processing will be demonstrated. Students will have the opportunity to develop their proficiency in these areas. The colonial living skills will be integrated into a general overview of the two-hundred-year period under consideration, rather than considered as isolated elements.</td>
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<tr>
<td>CNFS503</td>
<td>Humanities and the Environment.</td>
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<td>This course will focus on the cycle of humanity's relationship to nature, based on three sequential stages: 1) humans in nature, in which archaic religions, myths and legends will be investigated; 2) humans vs. nature, which will be a consideration of the alienation due to the influence of science and technology; and 3) humans and nature, which will consider the new mysticism of today. The coursework will include lecture, discussion, seminar,</td>
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<td>CNFS504</td>
<td>Field Techniques for Teaching the Humanities.</td>
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<td>3 hours lecture.</td>
<td>The focus of this course is the development and improvement of techniques for teaching the humanities via the natural environment. The course will include consideration of the process of communication, the development of perception and observational skills, creative writing, literature interpretation, music, philosophy, dramatics, art, as well as historical investigations and considerations of past ways of life through the study of colonial crafts.</td>
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<tr>
<td>CNFS505</td>
<td>Society and the Natural Environment.</td>
<td>CNFS 525.</td>
<td>2 hours lecture.</td>
<td>This course will focus upon interrelationships of a forest ecosystem. Soil, water, plants, and animals found in a northeastern hardwood forest will be examined in detail. Their relationship to humankind will be discussed and reviewed.</td>
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<tr>
<td>CNFS510</td>
<td>Environmental Impact of Recreation on Natural Areas.</td>
<td>CNFS 511.</td>
<td></td>
<td>Students will examine the impact of recreation on natural areas in four of New Jersey's major ecosystems: upland forest, pine lands, salt marsh and barrier beach. Investigation of recreation records and plans will allow for comparison and contrast of heavily used sites with those which have been relatively undisturbed. Students develop &quot;recreation impact statements&quot;. CNFS 511 must be taken concurrently.</td>
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<tr>
<td>CNFS511</td>
<td>Field Investigation of Environmental Impact of Recreation on Natural Areas.</td>
<td>CNFS 510.</td>
<td></td>
<td>The field experiences in this one-credit course are designed to support and supplement the theoretical foundations communicated in the course, &quot;Environmental Impact of Recreation on Natural Areas&quot; (CNFS 510), and to provide practical exercises in measuring impact on recreational areas. CNFS 510 must be taken concurrently.</td>
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<tr>
<td>CNFS521</td>
<td>Field Laboratory Experience in Outdoor Teaching Sites for Environmental Education.</td>
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<tr>
<td>CNFS522</td>
<td>Title</td>
<td>Field Laboratory Experience in American Heritage Skills.</td>
<td>CNFS 502.</td>
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<td>The field experiences in this one-credit course are designed to support, supplement, and amplify the theoretical foundations communicated in the course, &quot;American Heritage Skills&quot; (CNFS 502), and to provide practical applications of both the content of American Heritage Skills and its methodology.</td>
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<tr>
<td>CNFS525</td>
<td>Title</td>
<td>Field Laboratory Experience in Society and the Natural Environment.</td>
<td>CNFS 505.</td>
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<td>The field experiences in this one-credit course are designed to support and supplement the theoretical foundations communicated in the course, &quot;Society and the Natural Environment&quot; (CNFS 505).</td>
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<tr>
<td>CNFS530</td>
<td>Title</td>
<td>Workshop in Wildlife Management Education.</td>
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<td>This is a field course designed to provide information about wildlife and environmental topics to be included in a school curriculum. Curriculum supplements include Project WILD and Aquatic WILD.</td>
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<tr>
<td>CNFS595</td>
<td>Title</td>
<td>Conservation Biology: The Preservation of Biological Diversity.</td>
<td>One semester of college biology with laboratory.</td>
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<tr>
<td></td>
<td>Prerequisites</td>
<td>One semester of college biology with laboratory.</td>
<td>3 hours lecture.</td>
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<td>Course Description</td>
<td>This course addresses concerns about the loss of biological diversity and genetic resources through species extinctions. Students will learn about the importance of maintaining biological diversity, the problems involved in monitoring and protecting sensitive and crucial habitat, the impact of human societies on biodiversity, the alternatives to the destruction of habitat/species, the prospects of restoration, and the policies needed to prevent the loss of biological diversity. Students will also learn about population processes that are directly related to species survival.</td>
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<tr>
<td>CNFS601</td>
<td>Advanced Environmental Education Seminar.</td>
<td>CNFS 500.</td>
<td>CNFS 621.</td>
<td>2 hours seminar.</td>
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<tr>
<td>CNFS609</td>
<td>Independent Study in Environmental Curriculum Development.</td>
<td>Departmental approval.</td>
<td>CNFS 621.</td>
<td>2 hours seminar.</td>
</tr>
<tr>
<td>CNFS610</td>
<td>Administration and Supervision of Environmental Field Study.</td>
<td>CNFS 620.</td>
<td>CNFS 610.</td>
<td>2 hours lecture.</td>
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<tr>
<td>CNFS620</td>
<td>Field Laboratory Experiences in Admin and Supervision of Environmental Field Study.</td>
<td>CNFS 610.</td>
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to provide opportunities to conduct on-site facility evaluation, test teaching equipment, discuss training programs with faculty at other facilities, and review financial management and business procedures used in the variety of centers.

CNFS621  
Title  
Field Laboratory Experience in Environmental Education.  
Corequisites  
CNFS 601.  
Course Description  
The field experiences in this one credit course are designed to support and supplement the theoretical foundations communicated in the course "Advanced Environmental Education Seminar" (CNFS 601).

COED201  
Title  
Community-Based Learning.  
Special Fee  
Special fee.  
Course Description  
The course is offered to students engaging in community-based learning. It provides the opportunity for students to participate, observe, reflect, and synthesize the experience. It will advance civic and professional development of students through practical experience in the local and business community.

COED401  
Title  
Cooperative Education Experience I.  
Prerequisites  
Determined by individual academic departments.  
Special Fee  
Special fee.  
Course Description  
Cooperative Education is an internship program that integrates academic study and classroom theory with on-the-job experiences. It involves an educational partnership among Montclair State, business and non-profit organizations for the professional development of students. Academic faculty assess the learning and award credits and a supervisor/employer evaluates progress. Students may not exceed 16 credits through enrollment in multiple co-op courses.

COED402  
Title  
Cooperative Education Experience II.  
Prerequisites  
Determined by individual academic departments.  
Special Fee  
Special fee.  
Course Description  
Cooperative Education is an internship program that integrates academic study and classroom theory with on-the-job experiences. It involves an educational partnership among Montclair State, business and non-profit organizations for the professional development of students. Academic faculty assess the learning and award credits and a supervisor/employer evaluates progress. Students may not exceed 16 credits through enrollment in multiple co-op courses.