

PARKS, CONSERVATION AND RECREATIONAL THERAPY

Chair	Secretary	Location	Department Phone
Dr. Deborah Hutchins	Melanie Bell	102 Patterson Hall	724-738-2068

Courses

PCRM Courses

PCRM 541 - Design Graphics and Problem Solving

The application of design and graphic fundamentals to sustainable systems.

Credits: 3

Enrollment limited to students with a semester level of Graduate or Post Baccalaureate.

PCRM 590 - Experimental

A unique and specifically focused course within the general purview of a department which intends to offer it on a "one time only" basis and not as a permanent part of the department's curriculum.

Credits: 1-3

Enrollment limited to students with a semester level of Graduate.

PCRM 595 - Recreation Workshops

A workshop is a program which is usually of short duration, narrow in scope, often non-traditional in content and format, and on a timely topic.

Credits: 1-6

Enrollment limited to students with a semester level of Graduate or Post Baccalaureate.

PCRM 598 - Selected Topics

A Selected Topics course is a normal, departmental offering which is directly related to the discipline, but because of its specialized nature, may not be able to be offered on a yearly basis by the department.

Credits: 1-3

Enrollment limited to students with a semester level of Graduate or Post Baccalaureate.

PCRM 612 - Open Space Planning

The fundamentals of open space planning, including feasibility studies, site analysis, resource analysis, and planning consideration.

Credits: 3

Enrollment is limited to Graduate level students.

PCRM 613 - Analysis of Professional Literature

A "how to" course in understanding and using statistical analysis for reading and research and techniques for analyzing research publications and writing literature reviews. Offered only as an on-line course.

Credits: 3

Enrollment is limited to Graduate level students.

PCRM 615 - Issues in Parks and Recreation/Resource Management

An integrative course for detailed study of current and future challenges facing the parks and recreation professional.

Credits: 3

Enrollment is limited to Graduate level students.

PCRM 616 - Aquatic Systems

Using aquatic environments as a thematic focus, this course provides foundational information and teaching techniques related to aquatic systems. The course will cover resource related information, as well as formal and non-formal teaching techniques about amphibians, reptiles, aquatic macro invertebrates and fish. This course includes training in Aquatic Wild.

Credits: 3

Enrollment is limited to Graduate level students.

PCRM 617 - Terrestrial Systems

This course focuses on resource management, sustainability and educational teaching techniques as they apply to terrestrial systems. Emphasis will be placed on forests, endangered systems, and the development of associated natural history skills. The course includes training in Project Learning Tree.

Credits: 3

Enrollment is limited to Graduate level students.

PCRM 618 - Wildlife Education

This course provides an overview of wildlife and associated teaching techniques. Emphasis will be placed on current issues in conservation, management and identification. Topics will include ornithology and mammalogy. Students will utilize field studies and hands-on, problem solving activities. This course will include training in Project Wild and other associated teaching aids.

Credits: 3

Enrollment is limited to Graduate level students.

PCRM 621 - Green Schools

This course provides an overview of specific practices and technologies used in green school facilities and grounds. Course participants will investigate the role that school facilities play in shaping the student's awareness of the natural environment and ways of living sustainably. Through conducting case studies of existing schools, course participants will learn how to evaluate school facilities. Course participants will develop proposals recommending changes to the structure or operation of school facilities, which would create more environmentally-focused educational settings.

Credits: 3

Enrollment is limited to Graduate level students.

PCRM 631 - Design for Sustainable Landscapes

Focuses on sustainable and regenerative design/spec projects at residential and homestead scales. Selected assignments require students to research and develop creative solutions that span the boundary between house and garden, and reflect the interrelationships among human and natural systems. The course is founded on permaculture principles, including zoning and stacking functions, but it is expanded to provide practical tools for planning, detailing and implementing small site design projects. Projects may be chosen in urban and rural settings.

Prerequisites: PREE 541^C or PCRM 541^C
^C Requires minimum grade of C.

Credits: 3

Enrollment is limited to Graduate level students.

PCRM 632 - Group Facilitation and Leadership

This course will cover the concepts related to working with groups as a facilitator. Hands-on approaches to program design, sequencing activities, and processing experiences will be examined. Students will facilitate their classmates as well as possible REACH Program participants through a group development experience making use of SRU's low and high challenge courses and the Leadership Reaction Course. Students will participate in course/equipment set-up and risk management practices

Credits: 3

Enrollment is limited to Graduate level students.

PCRM 642 - Sustainable Agriculture Techniques

This course presents the concepts of agroecology and applies them to on-farm practices. Integrates principles of crop, animal, weed, and insect biology with whole farm management practices, such as use of crop rotation, agroforestry, cover-cropping and conservation techniques.

Credits: 3

Enrollment is limited to Graduate level students.

PCRM 643 - Sustainable Agricultural Practices in Plant and Animal Husbandry

This course provides an overview of biology as it applies to sustainable crop management, with a strong emphasis on genetic resource conservation. The course provides numerous opportunities for hands-on practice of sustainable agriculture.

Credits: 3

Enrollment is limited to Graduate level students.

PCRM 644 - Fertility Considerations in Regenerative Agriculture

This is a follow-up to Soils as a Resource (645), focusing on sustainable management of the soil fertility base through cropping system development and use of organic amendments.

Credits: 3

Enrollment is limited to Graduate level students.

PCRM 645 - Soils as a Resource

This course is designed to provide students with an analysis of the soil resource as a pivotal component of agricultural and natural ecosystems. This synthesis of historic and scientific information will enable students to critically evaluate the sustainability of soil management systems.

Credits: 3

Enrollment is limited to Graduate level students.

PCRM 654 - Natural and Cultural Resources Law

Provides students with advanced knowledge of public land laws regarding natural and cultural resources. Topics of student include history and associated laws concerning water, mineral, timber, range, wildlife, recreation, and cultural resources.

Credits: 3

Enrollment is limited to Graduate level students.

PCRM 655 - Social Science Research Methods in Conservation

A practical course in using research to study recreation, park, and resource management problems.

Credits: 3

Enrollment limited to students in the MED 9625, MED 9626, MS 966B or MS 966D programs.

Enrollment is limited to Graduate level students.

PCRM 656 - Environmental Issues

A course designed to develop skills in the identification, investigation, evaluation, and solution of environmental problems and issues. Students will learn how to use these skills, in formal and non-formal educational situations, in the development of an environmentally literate citizenry.

Credits: 3

Enrollment limited to students in the MED 9625, MED 9626, MS 966B or MS 966D programs.

Enrollment is limited to Graduate level students.

PCRM 657 - Environmental Grant Writing

Grant writing is a specialized skill that can supplement and enhance projects and programming. This course is designed to provide basic information and skills in grant writing, with emphasis on the environmental and educational grant potential. Students will learn how to search for appropriate grant sources, the intricacies of grant writing from both the scientific and sociological venues, as well as grant-related nuances.

Prerequisites: PCRM 655 (may be taken concurrently)^C or PCRM 799^{*C} or PREE 799^C (may be taken concurrently).

^C Requires minimum grade of C.

Credits: 3

Enrollment limited to students in the MED 9625, MED 9626, MS 966B or MS 966D programs.

Enrollment is limited to Graduate level students.

PCRM 658 - Environmental Education

A study of the history, philosophy, and theory of environmental education; problems and trends in environmental education; and relationships of environmental education to the total school program.

Prerequisites: PCRM 656 (may be taken concurrently)^C or PCRM 681^{*C} or PREE 681^C (may be taken concurrently).

^C Requires minimum grade of C.

Credits: 3

Enrollment limited to students in the MED 9625, MED 9626, MS 966B or MS 966D programs.

Enrollment is limited to Graduate level students.

PCRM 661 - Design and Resource Development for Energy Conservation

This course provides an introduction to the concepts and practices of environmentally conscious design. With an emphasis on understanding the natural and cultural context, the course will address the environmental issues related to the development of a small-scale design project.

Credits: 3

Enrollment is limited to Graduate level students.

PCRM 662 - Healthy Building Systems and Materials

This course provides an introduction to the theories and practices related to the design of healthy buildings. The course examines the impacts of the built environment on both human health and environmental health, and the role of the designer in addressing these issues.

Credits: 3

Enrollment is limited to Graduate level students.

PCRM 663 - Alternative Energy and Engineering for Sustainable Systems

The course will explore environmental technology and energy efficiency as they relate to buildings. Topics will include passive and active techniques for thermal comfort, day-lighting and alternative energy resources.

Credits: 3

Enrollment is limited to Graduate level students.

PCRM 673 - Ecosystem Ecology

This course examines the principles and practices of ecosystem management. An examination of the ecological concepts and processes that underlie ecosystem integrity is followed by an analysis of the role of humans in shaping and managing ecosystems, including institutional and socioeconomic considerations.

Credits: 3

Enrollment is limited to Graduate level students.

PCRM 675 - Recreation Resources Management

The principles and practices of recreational land and water management.

Credits: 3

Enrollment is limited to Graduate level students.

PCRM 676 - Site and Building Feasibility Studies

This course is designed to develop a comprehensive feasibility study for selected land-based sustainable enterprises. The course will include an on-site inventory and analysis, market evaluation, preliminary planning and cost-return analysis. Three project tracks recreation resource management, community development and sustainable agriculture.

Credits: 3

Enrollment is limited to Graduate level students.

PCRM 677 - Cultural Resource Management

The course presents information on current cultural resource preservation efforts and protection strategies for wildland recreation areas. The course covers: current trends and strategies for identifying cultural resource looting and vandalism; protection strategies for managing cultural and historic resources; and methods for developing a proactive cultural and historic resources protection and management program.

Credits: 3

Enrollment is limited to Graduate level students.

PCRM 678 - Restoration Ecology

Restoration ecology is an emerging discipline that addresses ecological healing, and this course examines the principles and practices underlying this growing field. Exploration of conceptual issues is followed by a review of key ecological concepts pertinent to successful restoration of biodiversity and other ecological features. Practical issues for implementation of a restoration project are also thoroughly addressed. A prior understanding of ecological principles is required.

Credits: 3

PCRM 683 - Parks and Recreation/Environmental Education Administration

A study of education administration and curricular development for programs; duties and responsibilities of the coordinator or director; and operation and administration of the areas and facilities.

Credits: 3

Enrollment is limited to Graduate level students.

PCRM 686 - Management Strategy in Parks and Recreation

A study of administrative and managerial strategy focused on the needs of a parks and recreation professional. Offered only as an on-line course.

Credits: 3

Enrollment is limited to Graduate level students.

PCRM 688 - Interpretive Media

A study of various media useful in an interpretive situation, interpretive planning and analysis, and interpretive programming for park and recreation professionals.

Credits: 3

Enrollment is limited to Graduate level students.

PCRM 689 - Applied Ecology

This course is an integration of ecology, resource management, and environmental education to promote an understanding of the application of ecological principles as they relate to sustainability. Emphasis is placed on ecological principles that relate to social value orientations and directly apply to resource management practices.

Credits: 3

Enrollment is limited to Graduate level students.

PCRM 690 - Experimental

A unique and specifically focused course within the general purview of a department which intends to offer it on a "one time only" basis and not as a permanent part of the department's curriculum.

Credits: 1-3

PCRM 695 - Recreation Workshops

A workshop is a program which is usually of short duration, narrow in scope, often non-traditional in content and format, and on a timely topic.

Credits: 1-6

Enrollment is limited to Graduate level students.

PCRM 698 - Selected Topics

A Selected Topics course is a normal, departmental offering which is directly related to the discipline, but because of its specialized nature, may not be able to be offered on a yearly basis by the department.

Credits: 1-3

PCRM 700 - Independent Study

A special study opportunity for students to investigate, in depth, approved topics in recreation, environmental education, or sustainable systems. Topics and credit are established by student and supervising instructor. Independent Study courses give students the opportunity to pursue research and/or studies that are not part of the university's traditional course offerings. Students work one on one or in small groups with faculty guidance and are typically required to submit a final paper or project as determined by the supervising professor.

Credits: 1-3

Enrollment is limited to Graduate level students.

PCRM 750 - Parks and Recreation/Environmental Education Internship

Individually designed experiential learning intended to provide the student with an opportunity for observation and participation in an array of parks, recreation, and/or environmental education activities in an approved setting.

Credits: 3-6

Enrollment is limited to Graduate level students.

PCRM 790 - Experimental

A unique and specifically focused course within the general purview of a department which intends to offer it on a "one time only" basis and not as a permanent part of the department's curriculum.

Credits: 1-3

Enrollment limited to students with a semester level of Graduate.

PCRM 795 - Workshop

A workshop is a program which is usually of short duration, narrow in scope, often non-traditional in content and format, and on a timely topic.

Credits: 1-6

Enrollment is limited to Graduate level students.

PCRM 798 - Selected Topics

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Credits: 1-3

Enrollment is limited to Graduate level students.

PCRM 800 - Thesis

Students pursuing a thesis program should contact their academic advisor concerning research after completing about one-half of their degree coursework. The advisor will assist the student with the necessary steps (such as preliminary selection of a topic and arranging for the appointment of a committee) to proceed.

Credits: 6

Enrollment is limited to Graduate level students.

RCTH Courses

RCTH 590 - Experimental

A unique and specifically focused course within the general purview of a department which intends to offer it on a "one time only" basis and not as a permanent part of the department's curriculum.

Credits: 1-3

Term(s) Typically Offered: Offered as Needed

Enrollment limited to students with a semester level of Graduate.

RCTH 595 - Workshop

A workshop is a program which is usually of short duration, narrow in scope, often non-traditional in content and format, and on a timely topic.

Credits: 1-6

Term(s) Typically Offered: Offered as Needed

Enrollment is limited to Graduate level students.

RCTH 598 - Selected Topics

A Selected Topics course is a normal, departmental offering which is directly related to the discipline, but because of its specialized nature, may not be able to be offered on a yearly basis by the department.

Credits: 1-3

Term(s) Typically Offered: Offered as Needed

Enrollment is limited to Graduate level students.

RCTH 610 - Applied Research and Theory

This course equips students to be able to read and apply clinical research to recreational therapy practice. The course summarizes various methodologies and theoretical constructs that students need to effectively read, Interpret, analyze, and synthesize research. In becoming better consumers of clinical research, students will learn how to categorize research based on quality indicators.

Credits: 3

Term(s) Typically Offered: Offered as Needed

Enrollment is limited to Graduate level students.

Enrollment limited to students in a Master of Science degree.

Enrollment limited to students in the Coll of Health, Engineer & Sci college.

Enrollment limited to students with department of Parks,Conserv&RecreationTherpy.

RCTH 612 - Settings of Service for Emerging Populations

This course engages students in study and discussion of service settings for emerging populations that are prospective recipients of Recreational Therapy (RT) services. It provides opportunities to apply past learning related to Standards of Practice to various service settings, to determine differences and similarities that may impact the way service is provided. Students will learn about scope of practice, coverage and reimbursement, risk management and the manner of implementing all phases of the Assessment, Planning, Implementation, Evaluation, and Documentation (APIED) process in several emerging service settings. Students will also explore private practice and waiver program options.

Credits: 3

Term(s) Typically Offered: Offered as Needed

Enrollment is limited to Graduate level students.

Enrollment limited to students in a Master of Science degree.

Enrollment limited to students in the Coll of Health, Engineer & Sci college.

Enrollment limited to students with department of Parks,Conserv&RecreationTherpy.

RCTH 615 - Advanced Professionalism and Advocacy

This course engages students in study and discussion of current trends in Recreational Therapy (RT) service provision. It provides opportunities for advocacy on behalf of RT professionals and stakeholders. Students will learn methods of advocacy and apply these new skills in interactions with inter-professional teams, government officials, public and/or private healthcare agencies, and other government-run entities. Students will discover the impacts of societal, political and governmental intervention on the practice of Recreational Therapy and in the lives of prospective constituencies. Through a variety of learning activities, students will learn to apply knowledge to effectively address challenges and trends in Recreational Therapy.

Credits: 3

Term(s) Typically Offered: Offered as Needed

Enrollment is limited to Graduate level students.

Enrollment limited to students in a Master of Science degree.

Enrollment limited to students in the Coll of Health, Engineer & Sci college.

Enrollment limited to students with department of Parks,Conserv&RecreationTherpy.

RCTH 620 - Assessment and Program Evaluation

In this course, students will gain advanced practice skills in methods for designing and evaluating assessment tools for quality recreational therapy in diverse settings. Students will gain advanced skills in interdisciplinary client assessment and current methods of program evaluation. The course will focus on integrating appropriate assessment tools into the outcomes evaluation process of settings that serve individuals throughout the lifespan in physical medicine/rehabilitation, behavioral health, community-based, and long-term care.

Credits: 3

Term(s) Typically Offered: Offered as Needed

Enrollment is limited to Graduate level students.

Enrollment limited to students in a Master of Science degree.

Enrollment limited to students in the Coll of Health, Engineer & Sci college.

Enrollment limited to students with department of Parks,Conserv&RecreationTherpy.

RCTH 623 - Advanced Facilitation Techniques

This course will take students to the next level in terms of their ability to facilitate interventions with some expertise. Students will gain a deeper understanding of various theories of counseling, the psychological concepts of self-efficacy, locus of control, optimal experience (flow), and attribution. The course will offer opportunities for practicing and applying skills related to the counseling theories and concepts, as well as various facilitation techniques.

Credits: 3

Term(s) Typically Offered: Offered as Needed

Enrollment is limited to Graduate level students.

Enrollment limited to students in a Master of Science degree.

Enrollment limited to students in the Coll of Health, Engineer & Sci college.

Enrollment limited to students with department of Parks,Conserv&RecreationTherpy.

RCTH 625 - Advanced Recreational Therapy Clinician for Older Adults

In this course, students will gain advanced practice skills in recreational therapy for older adults wlth diverse needs to include assessment, program design, and evaluation for all levels of long term care and community practice. A focus on both chronic disease and geriatric syndromes will allow students to apply current theory and research in geriatrics and gerontology for evidence-based practice in the older adult continuum of care.

Credits: 3

Term(s) Typically Offered: Offered as Needed

Enrollment is limited to Graduate level students.

Enrollment limited to students in a Master of Science degree.

Enrollment limited to students in the Coll of Health, Engineer & Sci college.

RCTH 630 - Clinical Supervision and Leadership

This course introduces students to leadership theories and clinical supervisory models that are applicable to various Recreational Therapy settings. Students will apply theories and practices to real life scenarios and learn how to implement these practices in their individual settings by practicing clinical supervision. Course content will include cross-cultural clinical supervision, ethics in clinical supervision, models of clinical supervision, clinical supervision practices in related healthcare fields, and clinical supervision research and leadership theories that are applicable to the field of Recreational Therapy.

Credits: 3

Term(s) Typically Offered: Offered as Needed

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Enrollment limited to students in a Master of Science degree.

Enrollment limited to students in the Coll of Health, Engineer & Sci college.

Enrollment limited to students with department of Parks,Conserv&RecreationTherpy.

RCTH 640 - Advanced Recreational Therapy Clinician for Veterans and Active Military

In this course, students will gain advanced practice skills in recreational therapy for veterans and active military to include assessment, program design, and evaluation in Veterans Affairs. This class will integrate knowledge and skills based on evidence-based practice with specific interventions such as adaptive sports, animal-assisted interventions, creative art therapies, and PTSD treatment specific to all ages of veterans.

Credits: 3

Term(s) Typically Offered: Offered as Needed

Enrollment is limited to Graduate level students.

Enrollment limited to students in a Master of Science degree.

Enrollment limited to students in the Coll of Health, Engineer & Sci college.

Enrollment limited to students with department of Parks,Conserv&RecreationTherpy.

RCTH 645 - Recreational Therapy for Need-Driven Behaviors in Dementia

In this course, students will gain advanced skills in recreational therapy for need-driven behaviors in dementia. A focus on current approaches for distress reactions and behavioral manifestations of need will allow students to apply current theory and research on recreational therapy specifically for care of people with dementia. The course will cover need-driven model, validation theory, trauma-informed care, and person-centered care.

Credits: 3

Term(s) Typically Offered: Offered as Needed

Enrollment is limited to Graduate level students.

Enrollment limited to students in a Master of Science degree.

Enrollment limited to students in the Coll of Health, Engineer & Sci college.

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RCTH 650 - Recreational Therapy Capstone

The intent of the RT Capstone course is for graduate students to engage in a project that represents new work/ideas and demonstrates the students' knowledge, skills and abilities related to RT practice. The capstone project will require that students demonstrate outcomes of learning from each of the master-level core classes. The project will also require a practical application and incorporation of an evidence-based process. This course will be completed in the final semester of the graduate program.

Credits: 3

Term(s) Typically Offered: Offered as Needed

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RCTH 690 - Experimental

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RCTH 695 - Workshop

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RCTH 698 - Selected Topics

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Credits: 1-3

Term(s) Typically Offered: Offered as Needed

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RCTH 700 - Independent Study

Independent Study courses give students the opportunity to pursue research and/or studies that are not part of the university's traditional course offerings. Students work one on one or in small groups with faculty guidance and are typically required to submit a final paper or project as determined by the supervising professor.

Credits: 1-3

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