

Penn State University

Research University with Branches Throughout PA

Location(s): University Park - State College, Abington, Altoona, Beaver, Behrend, Berks, Brandywine, Dubois, Fayette, Greater Allegheny, Harrisburg, Hazelton, Lehigh Valley, Mont Alto, New Kensington, Pittsburgh, Scranton, Schuylkill, Shenango, Wilkes-Barre, York

Degrees: Certificate, Associate,
Bachelor, Master, Doctoral

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PennState

Agricultural Stewardship and Conservation, Certificate

The goal of the certificate program in Agricultural Stewardship and Conservation is to provide enhanced knowledge for planning, designing, and implementing best management practices on agricultural lands that contribute to soil health while preventing soil erosion, controlling runoff and managing nutrient inputs and outputs, all of which serve to protect ground and surface waters. Local, state and federal policies and regulations pertaining to agricultural stewardship are addressed, as well as certification requirements for agricultural and nutrient management specialists to work in the field of agricultural erosion and sediment control and nutrient management in the Commonwealth of Pennsylvania.

Community Forestry, Certificate

The goal of the 15-credit Community Forestry certificate is to provide advanced knowledge on the planning and management of trees, forests, and other natural resources including their role in community development. Participants will gain an understanding of soils, tree care and maintenance, community forestry management plans, land use planning and regulatory policy, and working in connected human ecological systems.

Meeting and Event Management, Certificate

The Meeting and Events Management Certificate (MEMC) combines the practice and theory of event management, planning, coordination, and design. Students develop knowledge and skills that complement professional certifications (e.g., Certified Meeting Professional, Certified Festival and Event Executive). Through the combined expertise in the School of Hospitality Management (SHM) and the Department of Recreation, Park, and Tourism Management (RPTM), students develop, or augment knowledge and skills needed to work as event or event-related professionals in hospitality, entertainment, recreation and parks, corporate, medical, professional, social and governmental associations, sports, and more. Key skill areas include event design, marketing, budgeting and forecasting, contracting, supplier sourcing, risk assessment, sustainability practices, on-site management, event strategy and project and stakeholder management.

Professional Snowsports Education, Certificate

The Snowsports Education Certificate program is a 9 credit certificate that guides students on a first step into teaching people about snowsports and understanding the snowsports industry. The program is available in a convenient hybrid format, with most course content taught on-line and a three day snow assessment course which can be taken in various snowsport resorts across the country.

Turfgrass Management, Certificate, AS, BS, or MPS

Turfgrass Science is the study of the grasses, soil, water, plant pests and the environment required for these plants to thrive. This discipline studies how the many turfgrasses around the world can be managed to provide environmentally beneficial, high-quality, safe, playing surfaces for sports, golf courses, residential, and grounds areas. Employment opportunities include golf course maintenance, professional lawn care, grounds maintenance, sod production, sales and service, athletic field maintenance, and research technician.

Forest Technology, AS

Location: Mont Alto

Forest Technology involves the study of forestry, the science of forest ecosystems, their function, and their conservation and sustainable management. This includes learning about trees, plants, forests, and the wildlife and people that use them; identifying, measuring and sampling, mapping and using Geographic Information Systems (GIS); learning about wood properties, forest insects, diseases, and the effects of fire; and how to best manage them.

Wildlife Technology, AS

Location: DuBois

The Wildlife Technology major helps prepare students in the techniques of wildlife management. Personnel trained in this field are needed to assist in the applied phases of natural resource management, wildlife biology, range management, and the care, maintenance, and propagation of animals. Graduates should be able to support professionals in wildlife biology, park managers, game refuge managers, and laboratory technicians in research. The Wildlife Technology Program is accredited by the North American Wildlife Technology Association (NAWTA).



Community, Environment, and Development, BS

Location: Begin Any Campus, End University Park

Community, Environment, and Development is a hands-on, multidisciplinary program that helps students understand and address challenges faced by communities abroad and at home. It focuses on areas like sustainability, community, development, local governance, and more with the goal of balancing environmental stewardship with improved quality of life. The major emphasizes critical thinking, core knowledge, and the skills required for professional success working on such issues. Graduates take leadership roles in a variety of areas, such as corporate social responsibility, environment/sustainability, economic development, government, land use planning, and the non-profit sector.

Environmental Resource Management, BS

Location: Begin Any Campus, End University Park

Environmental Resource Management (ERM) is an interdisciplinary, science-based major designed to prepare students to understand and critically analyze environmental problems ranging from local to global in scale, identify solutions, and communicate ideas related to environmental and natural resource issues. The ERM major also focuses on human interactions with the environment by emphasizing the management of environmental resources. The ERM curriculum begins with foundation course work in the biological, physical and social sciences. Realizing the wide range of career possibilities requiring diverse types of academic preparation, three options of study are available: the Environmental Science Option, the Soil Science Option and the Water Science Option.

Environmental Studies, BA or BS

Location: Begin Any Campus, End Altoona

This interdisciplinary major is designed to provide students with an integrated and critical knowledge of the natural environment and human interactions with it. Students will receive a strong foundation in the natural sciences but will extend their studies across several disciplines, emphasizing both public policy issues and the role of the natural environment in history and culture. The goal of the program is "ecological literacy," which means that students will develop a broad-based understanding and awareness of environments and environmental issues, and they will develop the problem-solving skills to address those issues.

Forest Ecosystem Management, BS

Location: Begin Any Campus, End University Park

The Forest Ecosystem Management program teaches students to identify, measure, and quantify a variety of forest ecosystem attributes; communicate effectively with diverse groups; analyze and interpret natural resources information in an ecological, economic, and social context; and integrate the relevant ecological, economic, and societal aspects of contemporary problems in natural resources management and use this understanding to develop, support, and implement effective solutions.

Rehabilitation and Human Services (RHS), BS

Location: Abington, Hazleton, Lehigh Valley, University Park, Wilkes-Barre
RHS students learn a variety of professional skills, including advocating for others; assessing client needs; conducting educational and related support groups; consulting with professionals from other agencies and settings; developing client treatment plans; identifying and using community resources; interviewing clients and family members; managing client caseloads; and resolving conflicts. Graduates work in various settings, including community mental health programs, group homes, schools, drug and alcohol programs, hospitals and medical settings, corrections facilities, and rehabilitation centers.

Hospitality Management, BS, MPS, or PhD

Location: Dependent on Concentration

The School of Hospitality Management (SHM) prepares our graduates to make a difference in the global world of hospitality through their skills in management and problem-solving, by combining people-skills along with analytical prowess.

Concentrations are available in Hospitality Management (University Park) or Hospitality Entrepreneurship (Berks). Hospitality graduates are trained to own and manage hotels, restaurants, resorts, corporate dining, stadiums and arena catering, theme parks, country clubs, cruise ships, casinos, event management, and the vast array of manufacturing and service businesses that support the hospitality industry.

Recreation, Park, and Tourism Management (RPTM), BS, MS, or PhD

Location: Dependent on Concentration

The program prepares students for supervisory and administrative positions with park systems, environmental centers, commercial recreation and tourism agencies, golf courses, hospitals and assisted living facilities, private voluntary agencies, schools and colleges, and other commercial, nonprofit, and public organizations that provide recreation and leisure services. Concentrations are available in Commercial Recreation and Tourism Management (Abington, Greater Allegheny, University Park, Online), Community Recreation Management (Abington, Greater Allegheny, University Park, Online), Professional Golf Management (University Park), and Outdoor Recreation Management (University Park).

Wildlife and Fisheries Science, BS, MS, or PhD

Location: Begin Any Campus, End University Park

The purpose of the Wildlife and Fisheries Science major is to develop the knowledge, skills, and professional ethics of undergraduates interested in the conservation and management of fish and wildlife and their environments. The curriculum is designed to provide a broad-based science background that incorporates natural resource management principles that prepare our students for a diverse array of opportunities such as graduate school, natural resource management agencies, consulting firms, non-profits, etc.

Ecosystem Management and Administration, MPS

Location: Online

The M.P.S. program in Ecosystem Management and Administration is designed to provide ecosystem and natural resources managers in a variety of fields a combination of leadership, business, and technical skills that are critical for higher-level management and leadership positions. The program is designed to provide students with the training they need to cope with rapid changes in technology and management methodologies and provide them with the expanded expertise they will need as they progress in their careers.

Forest Resources, MS or PhD

Location: University Park

The Doctor of Philosophy and the Master of Science degree programs are oriented toward research, education, and scientific technology in the professions of forest products and forestry. Faculty expertise, laboratories, and outdoor facilities are available to support specialization in a variety of fields. Possibilities for specialization are indicated in part by the courses listed under wood products, forestry, and wildlife and fisheries.

Minor Fields of Study

Penn State University also offers undergraduate minors in **Civic and Community Engagement, Environmental Resource Management, Environmental Soil Science, Environmental Studies, Forest Ecosystems, RPTM, Rehabilitation and Human Services, Watersheds and Water Resources, and Wildlife and Fisheries Science.**

Faculty

To find faculty for departments or programs, please go to that program's page and select the "Contact" option on the right-hand side of the page.

Did you know..?

PRPS offers Shop Talks on Turf and Surface Management through our Maintenance Institute

