

**BEST
COLLEGES**

U.S. News

REGIONAL UNIVERSITIES
NORTH
2015

Millersville University



#1 Public University in Pennsylvania with the Greatest Lifetime Return on Investment

5 State of the Art Research Centers

8th Safest Campus in U.S.

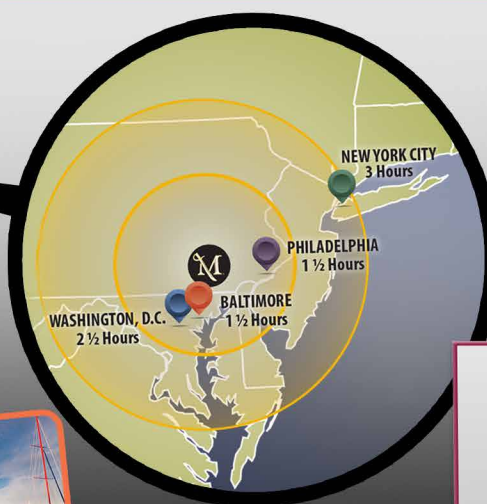
100⁺ Programs of Study

1 of Pennsylvania's Highest Ranked Public Universities

19 NCAA Division II Sports

130 Clubs and Organizations

21:1 Student to Faculty Ratio





TOP PROGRAMS OF STUDY

With more than 100 undergraduate programs of study, Millersville has academic offerings to meet every interest. Master's, doctoral and certification degrees and programs are also available.



ECONOMICS

This vibrant and exciting social science is ideal for students interested in international trade, financial markets, securities analysis, business cycles, the stock market and many other related fields where a rigorous, quantitative analysis can lead to new understanding. Economics is very broad in its subject matter but unified in its approach to understanding the social world. Students study the behavior of social systems—such as markets, corporations, legislatures, and families—as the outcome of interactions through institutions between goal-directed individuals. Many students choose to concentrate in economics because it provides an excellent background for professional work in business, banking, law, and even medicine.

BACHELOR OF DESIGN IN INTERACTIVE AND GRAPHIC DESIGN

Millersville University has one of only six B.Des. programs in the United States. This program prepares students for a wide range of 21st century design professions. The internationally recognized B.Des. degree integrates aesthetics, technology and design strategy. Graduates can work in interactive design, web design, corporate communications, digital illustration, media design, advertising, public relations, marketing, digital publishing, animation, branding, print design, and digital packaging design. The Art & Design Department has two well-equipped design labs with large-screen Apple computers along with supporting digital equipment (Wacom tablets, high resolution digital cameras, scanners. Faculty encourage connections with professionals in the field through visiting guest lectures, internships and other learning experiences by taking advantage of the professional and artistic resources in New York, Philadelphia, Baltimore and Washington, DC. The Art & Design programs at MU are accredited by the National Association of Schools of Art and Design.

EDUCATIONAL STUDIES*

This unique program recognizes the important educational opportunities provided by social service agencies, museums, private schools, for-profit organizations, government agencies, new education start-ups, etc. Building on the strength of Millersville's traditional education programs, students in Educational Studies take classes that prepare them to think about teaching and learning in diverse settings for a wide range of learners. Recognizing the range of possible interests, the program matches students with valuable field experiences and internships according to their unique needs.

ENTERTAINMENT TECHNOLOGY *

The Entertainment Technology program was designed to prepare students for a future in the media world of live concerts, television, film, web-casting and theatre which incorporates vast amounts of complex technology combined with artistic demands. Now and in the foreseeable future, those students who are equipped with the balance of technology and the performing arts and all related problem-solving skills will be in high demand. The MDST Entertainment Technology Program will ideally prepare students for successful careers by integrating the following competencies: structural, electrical, and operational safety; analyze and solve rigging and operating challenges in diverse venues; supervise and/or work with diverse local and road production crews representing the various trades; observe entertainment ("backstage") protocol including union regulations; integrate (or coordinate) video and lighting technology with sound (music); adapt computer networking and video feeds to lighting technology; adapt to proprietary technology of the employer or the specific event.

ENVIRONMENTAL HAZARDS & EMERGENCY MANAGEMENT*

This program is well-suited for students interested in an increasingly high demand field which focuses on protecting and building disaster resilient communities. Students are prepared to apply theoretical underpinnings to real-world practice. Natural hazards are viewed from a scientific lens as students examine global, national, regional, and local impacts of these events. Graduates are extremely competent in problem-solving and assessing risk susceptibility, resilience, and vulnerability within a community or organization.

METEOROLOGY

The Millersville Meteorology program is nationally ranked and recognized with students having 24/7 access to the Meteorological Network and Weather Station. Students develop a comprehensive knowledge of meteorology and its connections with oceanography, heliophysics, climate science, and atmospheric chemistry. Many students participate in our Campus Weather Service, which issues approximately 25 forecasts per week to the University and local community. Students frequently get prestigious internships with a variety of business partners. This program has been developed to conform to the American Meteorological Society's Guidelines for a B.S. Degree in Meteorology/Atmospheric Science and it satisfies the National Weather Service GS-1340 requirements.

COMPUTER SCIENCE

This is one of the most highly motivating and financially successful disciplines available today. Students are exposed to state-of-the-art equipment and concepts while highly motivated professors will guide them through new fields of study and applications as they develop. Students have opportunities to conduct faculty-mentored research and enroll in advanced undergraduate courses in computer graphics, artificial intelligence, networks, software engineering, databases, human-computer interaction, game programming and parallel processing. There are numerous co-op opportunities available to apply classroom knowledge and gain experience in a professional setting. Career opportunities include software Engineering/Development, Communications Systems, Operating System Development, Business Information Systems, Programmer/Analyst, Systems Analyst and Database Analyst. This Bachelor of Science degree is accredited by ABET's computing accreditation commission.

AUTOMATION & INTELLIGENT ROBOTICS ENGINEERING TECHNOLOGY

This program introduces students to the fundamentals of power, electronic systems and formal programming techniques used in the rapidly growing industry of automation and intelligent robotics. It integrates the in-depth technical content of electronics, control systems, mechanical systems, and computer programming to prepare students to design, improve, maintain and manage robotic and automated process and control systems. Laboratory courses, carried out in state-of-the-art facilities, will allow students to design, program, develop and construct projects independently and in small teams. Students in their final year of the program will participate in a cooperative education internship or other capstone experience in this high demand field to enhance their knowledge and technical/programming skills in an industrial environment. Typical entry-level professions include: Software Engineers, Research & Development Engineers, Systems Engineers, Computer Engineers, Process Engineers, Control Systems Engineers, Controls Technicians, Field Engineers, Manufacturing Engineers, Robotics Programmers and Robotic Technicians.

* Track within the Multidisciplinary Studies (MDST) Program

Millersville University

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