PROGRAMS

Graduate Major Degree Programs

• Accounting (Behrend)
• Accounting (Capital)
• Accounting (Great Valley)
• Accounting (Smeal)
• Acoustics
• Additive Manufacturing and Design
• Aerospace Engineering
• African American and Diaspora Studies
• African Studies
• Agricultural and Biological Engineering
• Agricultural and Extension Education
• Agronomy
• American Studies
• Anatomy
• Animal Science
• Anthropology
• Applied Behavior Analysis
• Applied Clinical Psychology
• Applied Demography
• Applied Linguistics
• Architectural Engineering
• Architecture
• Art
• Art Education
• Art History
• Asian Studies
• Astrobiology
• Astronomy and Astrophysics
• Biobehavioral Health
• Biochemistry, Microbiology, and Molecular Biology
• Bioengineering
• Bioethics
• Biogeochemistry
• Bioinformatics and Genomics
• Biology
• Biomedical Engineering
• Biomedical Sciences
• BioRenewable Systems
• Biostatistics
• Biotechnology
• Business Administration (Behrend)
• Business Administration (Capital)
• Business Administration (Executive)
• Business Administration (Great Valley)
• Business Administration (Intercollege)
• Business Administration (Smeal)
• Chemical Engineering
• Chemistry
• Civil Engineering (Capital)
• Civil Engineering (Engineering)
• Classics and Ancient Mediterranean Studies
• Climate Science
• Clinical and Translational Sciences
• Clinical Research
• Communication Arts and Sciences
• Communication Sciences and Disorders
• Communications
• Community and Economic Development
• Community Psychology and Social Change
• Comparative and International Education
• Comparative Literature
• Computer Science
• Computer Science and Engineering
• Corporate Finance
• Corporate Innovation and Entrepreneurship
• Counselor Education
• Criminal Justice
• Criminal Justice Policy and Administration
• Criminology
• Curriculum and Instruction
• Data Analytics
• Demography
• Earth Sciences
• Ecology
• Economics
• Ecosystem Management and Administration
• Educational Leadership
• Educational Psychology
• Educational Theory and Policy
• Electrical Engineering (Capital)
• Electrical Engineering (Engineering)
• Energy and Mineral Engineering
• Energy, Environmental, and Food Economics
• Engineering at the Nano-scale
• Engineering Design
• Engineering Leadership and Innovation Management
• Engineering Management (Capital)
• Engineering Management (Great Valley)
• Engineering Science
• Engineering Science and Mechanics
• English
• Enterprise Architecture and Business Transformation
• Entomology
• Environmental Engineering (Capital)
• Environmental Engineering (Engineering)
• Environmental Pollution Control
• Epidemiology
• Facilities Engineering and Management
• Finance
• Food Science
• Forensic Science
• Forest Resources
• French and Francophone Studies
• Geodesign
• Geographic Information Systems
• Geography
• Geosciences
• German
• Health Administration
• Health Education
• Health Policy and Administration
• Higher Education
• History
• Homeland Security
• Horticulture
• Hospitality Management
• Human Development and Family Studies
• Human Dimensions of Natural Resources and the Environment
• Human Resources and Employment Relations
• Humanities
• Industrial Engineering
• Informatics
• Information Science
• Information Sciences
• Information Systems
• Integrative and Biomedical Physiology
• International Affairs
• International Agriculture and Development
• Kinesiology
• Labor and Global Workers’ Rights
• Laboratory Animal Medicine
• Landscape Architecture
• Language Science
• Leadership Development
• Learning, Design, and Technology
• Lifelong Learning and Adult Education
• Literacy Education
• Management and Organizational Leadership
• Marketing Analytics and Insights
• Mass Communications
• Materials Science and Engineering
• Mathematics
• Mechanical Engineering (Capital)
• Mechanical Engineering (Engineering)
• Media Studies
• Meteorology and Atmospheric Science
• Molecular, Cellular and Integrative Biosciences
• Music
• Music Education
• Neuroscience
• Nuclear Engineering
• Nursing
• Nutritional Sciences
• Operations Research
• Organization Development and Change
• Pathobiology
• Philosophy
• Physics
• Piano Performance
• Plant Biology
• Plant Pathology
• Political Science
• Project Management
• Psychology
• Psychology of Leadership
• Public Administration
• Public Health
• Public Policy
• Quality and Manufacturing Management
• Real Estate Analysis and Development
• Recreation, Park, and Tourism Management
• Renewable Energy and Sustainability Systems
• Rural Sociology
• Russian and Comparative Literature
• School Psychology
• Social and Behavioral Neuroscience
• Social Data Analytics
• Sociology
• Software Engineering
• Soil Science
• Spanish
• Special Education
• Statistics
• Strategic Communications
• Strategic Management and Executive Leadership
• Supply Chain Management
• Systems Engineering
• Teaching and Curriculum
• Teaching English as a Second Language
• Theatre
• Turfgrass Management
• Visual Studies
• Wildlife and Fisheries Science
• Women’s, Gender, and Sexuality Studies
• Workforce Education and Development

Graduate Minor Programs
• Computational Materials Graduate Minor
• Computational Science Graduate Minor
• Electrochemical Science and Engineering Graduate Minor
• Gerontology Graduate Minor
• Information and Communication Technologies for Development Graduate Minor
• Latin American Studies Graduate Minor
• Latina and Latino Studies Graduate Minor
• Linguistics Graduate Minor
• Literary Theory, Criticism, and Aesthetics Graduate Minor
• Science, Technology, and Society Graduate Minor
• Second Language Acquisition Graduate Minor
• Social Thought Graduate Minor

**Graduate Certificate Programs**

- Accounting Foundations Graduate Credit Certificate Program
- Accounting Graduate Credit Certificate Program
- Additive Manufacturing and Design Graduate Credit Certificate Program
- Adult Basic Education Post-baccalaureate Credit Certificate Program
- Adult Education in the Health and Medical Professions Graduate Credit Certificate Program
- Adult Gerontology Acute Care Nurse Practitioner Graduate Credit Certificate Program
- Adult Gerontology Primary Care Nurse Practitioner Graduate Credit Certificate Program
- Agricultural Biosecurity and Food Defense Graduate Credit Certificate Program
- Ancient Languages Postbaccalaureate Credit Certificate Program
- Applied Behavior Analysis Graduate Credit Certificate Program
- Applied Demography Graduate Credit Certificate Program
- Applied Statistics Graduate Credit Certificate Program
- Bioenergy Graduate Credit Certificate Program
- Business Analytics Graduate Credit Certificate Program
- Business Architecture Graduate Credit Certificate Program
- Business Management Foundations Graduate Credit Certificate Program
- Business Sustainability Strategy Graduate Credit Certificate Program
- Children's Literature Graduate Credit Certificate Program
- Clinical Research Graduate Credit Certificate Program
- Community and Economic Development Graduate Credit Certificate Program
- Corporate Finance Graduate Credit Certificate Program
- Corporate Innovation and Entrepreneurship Graduate Credit Certificate Program
- Counterterrorism Graduate Credit Certificate Program
- Cyber Threat Analytics and Prevention Graduate Credit Certificate Program
- Data Analytics Graduate Credit Certificate Program
- Dietetic Internship Postbaccalaureate Credit Certificate Program
- Distance Education Postbaccalaureate Credit Certificate Program
- Distributed Energy and Grid Modernization Graduate Credit Certificate
- e-Learning Design Graduate Credit Certificate Program
- Earth Science Education Graduate Credit Certificate Program
- Ecosystem Measurements and Data Analysis Graduate Credit Certificate
- Educating Individuals with Autism Postbaccalaureate Credit Certificate Program
- Educational Technology Integration Postbaccalaureate Credit Certificate Program
- Engineering Leadership and Innovation Management Graduate Credit Certificate Program
- English as a Second Language (ESL) Program Specialist and Leadership Postbaccalaureate Credit Certificate Program
- English as a Second Language Program Specialist Postbaccalaureate Credit Certificate Program
- Enterprise Architecture Graduate Credit Certificate Program
- Enterprise Information and Security Technology Architecture Graduate Credit Certificate Program
- Family Literacy Postbaccalaureate Credit Certificate Program
- Family/Individual Across the Lifespan Nurse Practitioner Graduate Credit Certificate Program
- Financial Risk Management Graduate Credit Certificate Program
- Folklore and Ethnography Graduate Credit Certificate Program
- Fundraising Leadership Graduate Credit Certificate Program
- Geodesign Graduate Credit Certificate Program
- Geographic Information Systems Postbaccalaureate Credit Certificate Program
- Geospatial Intelligence Analytics Graduate Credit Certificate Program
- Geospatial Intelligence Applications Postbaccalaureate Credit Certificate Program
- Geospatial Programming and Web Map Development Graduate Credit Certificate Program
- Gerontology, Postbaccalaureate Credit Certificate Program
- Global Health, Graduate Credit Certificate Program
- Health Sector Management Graduate Credit Certificate Program
- Heritage and Museum Practice Graduate Credit Certificate Program
- Homeland Security Graduate Credit Certificate Program
- Hospital and Health System Preparedness Graduate Credit Certificate Program
- Human Factors Engineering and Ergonomics Graduate Credit Certificate Program
- Human Resource Management Graduate Credit Certificate Program
- Human Resources and Employment Relations Graduate Credit Certificate Program
- Information Systems Cybersecurity Postbaccalaureate Credit Certificate Program
- Institutional Research Graduate Credit Certificate Program
- Interdisciplinary Educational Intervention Research Postbaccalaureate Credit Certificate Program
- International Affairs Graduate Credit Certificate Program
- International Development Policy Graduate Credit Certificate Program
- International Human Resources and Employment Relations Graduate Credit Certificate Program
- International Public Policy Graduate Credit Certificate Program
- International Security Studies Graduate Credit Certificate Program
- Laser-Materials Processing and Laser-Based Manufacturing Graduate Credit Certificate Program
- Leadership and Communication Skills for Ecosystem Managers Graduate Credit Certificate Program
- Literacy Leadership Postbaccalaureate Credit Certificate Program
- Long-Term Care Administration and Policy Graduate Credit Certificate Program
- Management Consulting Graduate Credit Certificate Program
- Marketing Analytics Graduate Credit Certificate Program
• Negotiation and Influence Graduate Credit Certificate Program
• New Ventures and Entrepreneurs Graduate Credit Certificate Program
• Nonprofit Administration Graduate Credit Certificate Program
• Nurse Administrator Graduate Credit Certificate Program
• Nurse Educator Graduate Credit Certificate Program
• Organization Development and Change: Analytics Graduate Credit Certificate Program
• Organization Development and Change: Consulting Skills Graduate Credit Certificate Program
• Organization Development and Change: Essentials Graduate Credit Certificate Program
• Organization Development and Change: Occupational Safety and Health Graduate Credit Certificate Program
• Organization Development and Change: Operational Excellence Graduate Credit Certificate Program
• Primary Palliative Care Graduate Credit Certificate Program
• Principalship Graduate Credit Certificate Program
• Project Management Graduate Credit Certificate Program
• Psychology: Applications in Clinical Psychology Graduate Credit Certificate Program
• Public Budgeting and Financial Management Graduate Credit Certificate Program
• Public Health Graduate Credit Certificate Program
• Public Health Preparedness Graduate Credit Certificate Program
• Public Sector Human Resources Management Graduate Credit Certificate Program
• Remote Sensing and Earth Observation Graduate Credit Certificate Program
• Sensory and Consumer Science Graduate Credit Certificate Program
• Solar Energy Graduate Credit Certificate Program
• Strategic Leadership Graduate Credit Certificate Program
• Supply Chain and Operations Management Graduate Credit Certificate Program
• Supply Chain Management Graduate Credit Certificate Program
• Survey Research Methods Graduate Credit Certificate Program
• Sustainability Management and Policy Graduate Credit Certificate Program
• Sustainable Management Practices Graduate Credit Certificate Program
• Systems Engineering Graduate Credit Certificate Program
• Teacher Leadership Graduate Credit Certificate Program
• Teaching and Learning Online in K-12 Settings Postbaccalaureate Credit Certificate Program
• Teaching Writing and Literacy Post-baccalaureate Credit Certificate Program
• Translational Science Graduate Credit Certificate Program
• Trauma-Informed Psychotherapy Graduate Credit Certificate Program
• Weather and Climate Analytics Graduate Credit Certificate Program
• Wind Energy Graduate Credit Certificate Program