Programs

Graduate Major Degree Programs

• Accounting (Behrend)
• Accounting (Capital)
• Accounting (Great Valley)
• Accounting (Smeal)
• Accounting Analytics
• Acoustics
• Additive Manufacturing and Design
• Aerospace Engineering
• African American and Diaspora Studies
• African Studies
• Agricultural and Biological Engineering
• Agricultural and Environmental Plant Science
• American Studies
• Anatomy
• Animal Science
• Anthropology
• Applied Behavior Analysis
• Applied Clinical Psychology
• Applied Linguistics
• Architectural Engineering
• Architecture
• Art
• Art Education
• Art History
• Artificial Intelligence
• Asian Studies
• Astrobiology
• Astronomy and Astrophysics
• Athletic Training
• Biobehavioral Health
• Biochemistry, Microbiology, and Molecular Biology
• 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)
• Business Analytics
• 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
• Comparative and International Education
• Comparative Literature
• Computer Science
• Computer Science and Engineering
• Corporate Innovation and Entrepreneurship
• Counselor Education
• Criminal Justice
• Criminal Justice Policy and Administration
• Criminology
• Curriculum and Instruction
• Cybersecurity Analytics and Operations
• Data Analytics
• Demography
• Ecology
• Economics
• Ecosystem Management and Administration
• Education
• Education, Development and Community Engagement
• Educational Leadership
• Educational Psychology
• Educational Theory and Policy
• Electrical Engineering (Capital)
• Electrical Engineering (Engineering)
• Energy and Mineral Engineering
• Energy, Environmental, and Food Economics
• Engineering
• Engineering at the Nano-scale
• Engineering Design
• Engineering Leadership and Innovation Management
• Engineering Management (Capital)
• Engineering Management (Great Valley)
• Engineering Science and Mechanics
• Engineering Systems
• Engineering, Law, and Policy
• English
• Enterprise Architecture and Business Transformation
• Entomology
• Environmental Engineering
• Epidemiology
• Finance (Great Valley)
• Finance (Smeal)
• Food Science
• Forensic Science
• Forest Resources
• French and Francophone Studies
• Geodesign
• Geographic Information Systems
• Geography
• Geosciences
• German
• Health Administration
• Health Policy and Administration
• Higher Education
• History
• Homeland Security
• Hospitality Management
• Human Development and Family Studies
• Human Resources and Employment Relations
• Industrial Engineering
• Informatics
• Information Science
• 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
• 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
• Microbiome Sciences
• Molecular, Cellular and Integrative Biosciences
• Music
• Music Education
• Neuroscience (Hershey)
• Neuroscience (Science)
• 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
• Spatial Data Science
• Special Education
• Statistics
• Strategic Communications
• Strategic Management and Executive Leadership
• Supply Chain Management
• Systems Engineering
• Taxation
• Teaching and Curriculum
• Teaching English as a Second Language
• Theatre
• Transdisciplinary Research on Environment and Society
• 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
• Holocaust and Genocide Studies Graduate Minor
• Information and Communication Technologies for Development 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
- Advanced Principal Graduate Credit Certificate Program
- Agricultural Biosecurity and Food Defense Graduate Credit Certificate Program
- AI Engineering Graduate Credit Certificate Program
- Analytics for Managers 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
- 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
- Computer Vision 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 and Engineering Graduate Credit Certificate Program
- Data Analytics Graduate Credit Certificate Program
- Data Engineering for Analytics Graduate Credit Certificate Program
- Dietetic Internship Postbaccalaureate Credit Certificate Program
- Distance Education Postbaccalaureate Credit Certificate Program
- Diversity and Inclusion as Strategy Graduate Credit Certificate Program
- Diversity, Ethics, and Leadership Postbaccalaureate Credit Certificate Program
- e-Learning Design 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
- Electrical Engineering Post-Baccalaureate Credit Certificate Program
- Engineering Leadership and Innovation Management Graduate 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
- Entrepreneurship & New Ventures Graduate Credit Certificate Program
- Family Literacy Postbaccalaureate Credit Certificate Program
- Family/Individual Across the Lifespan Nurse Practitioner Graduate Credit Certificate Program
- Financial Accounting Graduate Credit Certificate Program
- Financial Analysis Graduate Credit Certificate Program
- Financial Engineering Graduate Credit Certificate Program
- Folklore and Ethnography Graduate Credit Certificate Program
- Foundations of Artificial Intelligence Graduate Credit Certificate Program
- Foundations of Data Science Graduate Credit Certificate Program
- Fundamentals of Finance Graduate Credit Certificate Program
- Fundamentals of 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
- Global Justice and Security Graduate Credit Certificate Program
- Global Management Graduate Credit Certificate Program
- Healthcare Supply Chain and Operations 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
- Hospitality Management Graduate Credit Certificate Program
- Human Resource Management Graduate Credit Certificate Program
- Human Resources and Employment Relations Foundations Graduate Credit Certificate Program
- Information Systems Cybersecurity Graduate Credit Certificate Program
- Institutional Research Graduate 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
• Labor and Collective Bargaining Postbaccalaureate Credit Certificate Program
• Labor and Employment Law Graduate Credit Certificate Program
• Leadership and Communication Skills for Ecosystem Managers Graduate Credit Certificate Program
• Leading in Diversity, Equity & Inclusion Graduate Credit Certificate Program
• Life-Cycle Systems Design Graduate Credit Certificate Programs
• Literacy Leadership Postbaccalaureate Credit Certificate Program
• Management Accounting Graduate Credit Certificate Program
• Management Consulting Graduate Credit Certificate Program
• Management Essentials Graduate Credit Certificate Program
• Marketing Analytics Graduate Credit Certificate Program
• Natural Language Processing Graduate Credit Certificate Program
• Negotiation and Influence 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
• Organizational Leadership Graduate Credit Certificate Program
• People Analytics and Artificial Intelligence Graduate Credit Certificate Program
• Policy Analysis and Evaluation Graduate Credit Certificate Program
• Primary Palliative Care Graduate Credit Certificate Program
• Principalship Graduate Credit Certificate Program
• Project Management Graduate Credit Certificate Program
• Project Quality Management Graduate Credit Certificate Program
• Psychology of Ethical Leadership Graduate Credit Certificate Program
• Psychology of Leadership Foundations Graduate Certificate
• Psychology of Team Leadership 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
• Quality Management Across Product Lifecycle Graduate Credit Certificate Program
• Quantitative Business Essentials Graduate Credit Certificate Program
• Quantitative Decision Making for Engineering Managers Graduate Credit Certificate Program
• Real Estate Law and Valuation Graduate Credit Certificate Program
• Remote Sensing and Earth Observation Graduate Credit Certificate Program
• Sensory and Consumer Science Graduate Credit Certificate Program
• Software Architecture and Design Graduate Credit Certificate Program
• Solar Energy Graduate Credit Certificate Program
• Strategic Human Resources and Workplace Ethics Graduate Credit Certificate
• Strategic Leadership Graduate Credit Certificate Program
• Superintendency Graduate Credit Certificate Program
• Supply Chain and Operations Management Graduate Credit Certificate Program
• Supply Chain Management Graduate Credit Certificate Program
• Supply Chain Risk Management Graduate Credit Certificate Program
• Survey Research Methods Graduate Credit Certificate Program
• Sustainability & Social Impact Graduate Credit Certificate Program
• Sustainability Management and Policy Graduate Credit Certificate Program
• Sustainable Development in Africa Graduate Credit Certificate Program
• System Modeling and Analysis Graduate Credit Certificate Program
• System Quality & Risk Evaluation Graduate Credit Certificate Program
• Systems Data Analytics Graduate Credit Certificate Programs
• Talent Management Graduate Credit Certificate Program
• Taxation Graduate Credit Certificate Program
• Teacher Leadership Graduate Credit Certificate Program
• Teaching Writing and Literacy Post-baccalaureate Credit Certificate Program
• Technical Management and Leadership Essentials Graduate Credit Certificate Program
• Technical Management Graduate Credit Certificate Program
• Translational Science Graduate Credit Certificate Program
• Trauma-Informed Psychotherapy Graduate Credit Certificate Program
• Weather and Climate Analytics Graduate Credit Certificate Program