PROGRAMS

The following list includes PhD, master’s, certificate, and other professional degree programs. Undergraduate programs are listed in the Undergraduate Catalog (http://catalog.upenn.edu/undergraduate/).

A

- Academic Foundations, Certificate (http://catalog.upenn.edu/graduate/programs/academic-foundations-certificate/)
- Accounting, MBA (http://catalog.upenn.edu/graduate/programs/accounting-mba/)
- Accounting, PhD (http://catalog.upenn.edu/graduate/programs/accounting-phd/)
- Adult Gerontology Acute Care Nurse Practitioner, MSN (http://catalog.upenn.edu/graduate/programs/adult-gerontology-acute-care-np-msn/)
- Adult Gerontology Primary Care Nurse Practitioner, MSN (http://catalog.upenn.edu/graduate/programs/adult-gerontology-primary-care-np-msn/)
- Adult Oncology Specialist, Certificate (http://catalog.upenn.edu/graduate/programs/adult-oncology-specialist-certificate/)
- Adult Oncology Specialist, Minor (http://catalog.upenn.edu/graduate/programs/adult-oncology-specialist-minor/)
- Africana Studies, PhD (http://catalog.upenn.edu/graduate/programs/africana-studies-phd/)
- Ancient History, PhD (http://catalog.upenn.edu/graduate/programs/ancient-history-phd/)
- Animal Welfare and Behavior, Certificate (http://catalog.upenn.edu/graduate/programs/animal-welfare-behavior-certificate/)
- Animal Welfare and Behavior, MSAWB (http://catalog.upenn.edu/graduate/programs/animal-welfare-behavior-msawb/)
- Anthropology: Archaeology, PhD (http://catalog.upenn.edu/graduate/programs/anthropology-archaeology-phd/)
- Anthropology: Cultural, PhD (http://catalog.upenn.edu/graduate/programs/anthropology-cultural-phd/)
- Anthropology: Linguistic, PhD (http://catalog.upenn.edu/graduate/programs/anthropology-linguistic-phd/)
- Anthropology: Medical, PhD (http://catalog.upenn.edu/graduate/programs/anthropology-medical-phd/)
- Anthropology: Physical, PhD (http://catalog.upenn.edu/graduate/programs/anthropology-physical-phd/)
- Applied Economics, PhD (http://catalog.upenn.edu/graduate/programs/applied-economics-phd/)
- Applied Geosciences, MSAG (http://catalog.upenn.edu/graduate/programs/applied-geosciences-msag/)
- Applied Mathematics and Computational Science, MA (http://catalog.upenn.edu/graduate/programs/applied-mathematics-computational-science-ma/)
- Applied Mathematics and Computational Science, PhD (http://catalog.upenn.edu/graduate/programs/applied-mathematics-computational-science-phd/)
- Applied Positive Psychology, MAPP (http://catalog.upenn.edu/graduate/programs/applied-positive-psychology-mapp/)
- Architecture, MArch (http://catalog.upenn.edu/graduate/programs/architecture-march/)
- Architecture, MEBD (http://catalog.upenn.edu/graduate/programs/architecture-mebd/)
- Architecture, MS (http://catalog.upenn.edu/graduate/programs/architecture-ms/)
- Architecture, PhD (http://catalog.upenn.edu/graduate/programs/architecture-phd/)
- Architecture: Advanced Architectural Design, MSD (http://catalog.upenn.edu/graduate/programs/architecture-advanced-architectural-design-msd/)
- Architecture: Environmental Building Design, MSD (http://catalog.upenn.edu/graduate/programs/architecture-environmental-building-design-msd/)
- Architecture: Historic Preservation, MSD (http://catalog.upenn.edu/graduate/programs/architecture-historic-preservation-msd/)
- Architecture: Robotics and Autonomous Systems, MSD (http://catalog.upenn.edu/graduate/programs/architecture-robotics-autonomous-systems-msd/)
- Art and Archaeology of the Mediterranean World, MA (http://catalog.upenn.edu/graduate/programs/art-archaeology-mediterranean-world-ma/)
- Art and Archaeology of the Mediterranean World, PhD (http://catalog.upenn.edu/graduate/programs/art-archaeology-mediterranean-world-phd/)

B

- Behavioral and Decision Sciences, MBDS (http://catalog.upenn.edu/graduate/programs/behavioral-decision-sciences-mbds/)
- Biochemistry and Molecular Biophysics, PhD (http://catalog.upenn.edu/graduate/programs/biochemistry-molecular-biophysics-phd/)
- Bioengineering, MSE (http://catalog.upenn.edu/graduate/programs/bioengineering-mse/)
- Bioengineering, PhD (http://catalog.upenn.edu/graduate/programs/bioengineering-phd/)
- Bioethics, MBE (http://catalog.upenn.edu/graduate/programs/bioethics-mbe/)
- Biology, PhD (http://catalog.upenn.edu/graduate/programs/biology-phd/)
- Biomedical Informatics, Certificate (http://catalog.upenn.edu/graduate/programs/biomedical-informatics-certificate/)
- Biomedical Informatics, MBMI (http://catalog.upenn.edu/graduate/programs/biomedical-informatics-mbmi/)
- Biotechnology, MBIOT (http://catalog.upenn.edu/graduate/programs/biotechnology-mbiot/)
- Business Analytics, MBA (http://catalog.upenn.edu/graduate/programs/business-analytics-mba/)
- Business Economics & Public Policy, MBA (http://catalog.upenn.edu/graduate/programs/business-economics-public-policy-mba/)
- Business, Energy, Environment and Sustainability, MBA (http://catalog.upenn.edu/graduate/programs/business-energy-env-sustain-mba/)

C

- Cell and Molecular Biology: Cancer Biology, PhD (http://catalog.upenn.edu/graduate/programs/cell-molecular-biology-cancer-biology-phd/)
• Cell and Molecular Biology: Cell Biology, Physiology, and Metabolism, PhD (http://catalog.upenn.edu/graduate/programs/cell-molecular-biology-cell-biology-physiology-metabolism-phd/)
• Cell and Molecular Biology: Developmental, Stem Cell, and Regenerative Biology, PhD (http://catalog.upenn.edu/graduate/programs/cell-molecular-biology-developmental-stem-cell-regenerative-biology-phd/)
• Cell and Molecular Biology: Gene Therapy and Vaccines, PhD (http://catalog.upenn.edu/graduate/programs/cell-molecular-biology-gene-therapy-vaccines-phd/)
• Cell and Molecular Biology: Genetics and Epigenetics, PhD (http://catalog.upenn.edu/graduate/programs/cell-molecular-biology-genetics-epigenetics-phd/)
• Cell and Molecular Biology: Microbiology, Virology, and Parasitology, PhD (http://catalog.upenn.edu/graduate/programs/cell-molecular-biology-microbiology-virology-parasitology-phd/)
• Chemical & Biomolecular Engineering, MSE (http://catalog.upenn.edu/graduate/programs/chemical-biomolecular-engineering-mse/)
• Chemical and Biomolecular Engineering, PhD (http://catalog.upenn.edu/graduate/programs/chemical-biomolecular-engineering-phd/)
• Chemical Sciences, MCS (http://catalog.upenn.edu/graduate/programs/chemical-sciences-mcs/)
• Chemistry, PhD (http://catalog.upenn.edu/graduate/programs/chemistry-phd/)
• City & Regional Planning: Housing, Community and Economic Development, MCP (http://catalog.upenn.edu/graduate/programs/city-regional-planning-community-economic-development-mcp/)
• City & Regional Planning: Land Use & Environmental Planning, MCP (http://catalog.upenn.edu/graduate/programs/city-regional-planning-land-use-environmental-planning-mcp/)
• City & Regional Planning: Public & Private Development, MCP (http://catalog.upenn.edu/graduate/programs/city-regional-planning-public-private-development-mcp/)
• City & Regional Planning: Smart Cities, MCP (http://catalog.upenn.edu/graduate/programs/city-regional-planning-smart-cities-mcp/)
• City & Regional Planning: Sustainable Transportation & Infrastructure, MCP (http://catalog.upenn.edu/graduate/programs/city-regional-planning-sustainable-transportation-infrastructure-mcp/)
• City & Regional Planning: Urban Design, MCP (http://catalog.upenn.edu/graduate/programs/city-regional-planning-urban-design-mcp/)
• City Planning, PhD (http://catalog.upenn.edu/graduate/programs/city-planning-phd/)
• Classical Studies, PhD (http://catalog.upenn.edu/graduate/programs/classical-studies-phd/)
• Clinical Epidemiology, MSCE (http://catalog.upenn.edu/graduate/programs/clinical-epidemiology-msce/)
• Clinical Ethics Mediation, Certificate (http://catalog.upenn.edu/graduate/programs/clinical-ethics-mediation-certificate/)
• Communication, PhD (http://catalog.upenn.edu/graduate/programs/communication-phd/)
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• Computer & Information Science, MSE (http://catalog.upenn.edu/graduate/programs/computer-information-science-mse/)
• Computer & Information Technology, MCIT (http://catalog.upenn.edu/graduate/programs/computer-information-technology-mcit/)
• Computer and Information Science, PhD (http://catalog.upenn.edu/graduate/programs/computer-information-science-phd/)
• Computer Graphics & Game Technology, MSE (http://catalog.upenn.edu/graduate/programs/computer-graphics-game-technology-mse/)
• Counseling and Mental Health Services, MSED (http://catalog.upenn.edu/graduate/programs/counseling-mental-health-services-msed/)
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• Criminology, PhD (http://catalog.upenn.edu/graduate/programs/criminology-phd/)

D
• Data Science, MSE (http://catalog.upenn.edu/graduate/programs/data-science-mse/)
• Demography, PhD (http://catalog.upenn.edu/graduate/programs/demography-phd/)
• Doctor of Dental Medicine, DMD (http://catalog.upenn.edu/graduate/programs/doctor-dental-medicine-dmd/)
• Doctor of Medicine, MD (http://catalog.upenn.edu/graduate/programs/doctor-medicine-md/)
• Doctor of Science in Dentistry, DScD (http://catalog.upenn.edu/graduate/programs/doctor-science-dentistry-dscd/)

E
• Earth and Environmental Science, PhD (http://catalog.upenn.edu/graduate/programs/earth-environmental-science-phd/)
• East Asian Languages and Civilizations, MA (http://catalog.upenn.edu/graduate/programs/east-asian-languages-civilizations-ma/)
• East Asian Languages and Civilizations, PhD (http://catalog.upenn.edu/graduate/programs/east-asian-languages-civilizations-phd/)
• Ecological Architecture, Certificate (http://catalog.upenn.edu/graduate/programs/ecological-architecture-certificate/)
• Ecological Planning, Certificate (http://catalog.upenn.edu/graduate/programs/ecological-planning-certificate/)
• Economics, PhD (http://catalog.upenn.edu/graduate/programs/economics-phd/)
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F
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G
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• Integrated Nursing Care of Autism Spectrum Disorder, Minor (http://catalog.upenn.edu/graduate/programs/integrated-nursing-care-autism-spectrum-disorder-minor/)
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• International Educational Development, MSEd (http://catalog.upenn.edu/graduate/programs/international-educational-development-msed/)
• International, MPA (http://catalog.upenn.edu/graduate/programs/international-mpa/)

L
• Land Preservation, Certificate (http://catalog.upenn.edu/graduate/programs/land-preservation-certificate/)
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M
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• Music: Studies, PhD (http://catalog.upenn.edu/graduate/programs/music-music-studies-phd/)
N

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- Near Eastern Languages and Civilizations: Biblical Studies, PhD (http://catalog.upenn.edu/graduate/programs/near-eastern-languages-civilizations-biblical-studies-phd/)
- Near Eastern Languages and Civilizations: Classical and Medieval Hebrew Literature, MA (http://catalog.upenn.edu/graduate/programs/near-eastern-languages-civilizations-classical-medieval-hebrew-literature-ma/)
- Near Eastern Languages and Civilizations: Classical and Medieval Hebrew Literature, PhD (http://catalog.upenn.edu/graduate/programs/near-eastern-languages-civilizations-classical-medieval-hebrew-literature-phd/)
- Near Eastern Languages and Civilizations: Egyptology and Archaeology, MA (http://catalog.upenn.edu/graduate/programs/near-eastern-languages-civilizations-egyptology-archaeology-ma/)
- Near Eastern Languages and Civilizations: Egyptology, PhD (http://catalog.upenn.edu/graduate/programs/near-eastern-languages-civilizations-egyptology-phd/)
- Near Eastern Languages and Civilizations: Mesopotamian Civilization, MA (http://catalog.upenn.edu/graduate/programs/near-eastern-languages-civilizations-mesopotamian-civilization-ma/)
- Near Eastern Languages and Civilizations: Mesopotamian Civilization, PhD (http://catalog.upenn.edu/graduate/programs/near-eastern-languages-civilizations-mesopotamian-civilization-phd/)
- Near Eastern Languages and Civilizations: Middle Eastern Literatures & Societies, MA (http://catalog.upenn.edu/graduate/programs/near-eastern-languages-civilizations-middle-eastern-literatures-societies-ma/)
- Near Eastern Languages and Civilizations: Middle Eastern Literatures & Societies, PhD (http://catalog.upenn.edu/graduate/programs/near-eastern-languages-civilizations-middle-eastern-literatures-societies-phd/)
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- Neuroscience, PhD (http://catalog.upenn.edu/graduate/programs/neuroscience-phd/)
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O

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- Organizational Dynamics, MSOD (http://catalog.upenn.edu/graduate/programs/organizational-dynamics-msod/)
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- Orthodontics, Certificate (http://catalog.upenn.edu/graduate/programs/orthodontics-certificate/)

P

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- Pediatric Acute Care Nurse Practitioner: Acute/Chronic, MSN (http://catalog.upenn.edu/graduate/programs/pediatric-acute-care-np-acute-chronic-msn/)
- Pediatric Acute Care Nurse Practitioner: Critical Care, MSN (http://catalog.upenn.edu/graduate/programs/pediatric-acute-care-np-critical-care-msn/)
- Pediatric Acute Care Nurse Practitioner: Oncology, MSN (http://catalog.upenn.edu/graduate/programs/pediatric-acute-care-np-oncology-msn/)
- Pediatric Primary Care Nurse Practitioner, MSN (http://catalog.upenn.edu/graduate/programs/pediatric-primary-care-np-msn/)
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- Penn Chief Learning Officer, EdD (http://catalog.upenn.edu/graduate/programs/penn-chief-learning-officer-edd/)
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• Program for Advanced Standing Students, DMD (http://catalog.upenn.edu/graduate/programs/pass-dmd/)
• Prosthodontics, Certificate & Oral Biology, MSOB (http://catalog.upenn.edu/graduate/programs/prosthodontics-certificate/)
• Psychiatric Mental Health Nurse Practitioner,MSN (http://catalog.upenn.edu/graduate/programs/psychiatric-mental-health-npspn/)
• Psychology, PhD (http://catalog.upenn.edu/graduate/programs/psychology-phd/)
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• Public Health, Certificate (http://catalog.upenn.edu/graduate/programs/public-health-certificate/)
• Public Health, MPH (http://catalog.upenn.edu/graduate/programs/public-health-mp/)

Q
• Quality Improvement & Safety Processes Healthcare, Certificate (http://catalog.upenn.edu/graduate/programs qualidade-improvement-safety-processes-healthcare-certificate/)
• Quality Improvement & Safety Processes Healthcare, Minor (http://catalog.upenn.edu/graduate/programs/quality-improvement-safety-processes-healthcare-minor/)
• Quantitative Finance, MBA (http://catalog.upenn.edu/graduate/programs/quantitative-finance- mba/)
• Quantitative Methods, MPhilEd (http://catalog.upenn.edu/graduate/programs/quantitative-methods-mphil/)
• Quantitative Methods, PhD (http://catalog.upenn.edu/graduate/programs/quantitative-methods-phd/)

R
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• Reading/Writing/Literacy, EdD (http://catalog.upenn.edu/graduate/programs/reading-writing-literacy-edd/)
• Reading/Writing/Literacy, MSEd (http://catalog.upenn.edu/graduate/programs/reading-writing-literacy-msed/)
• Reading/Writing/Literacy, PhD (http://catalog.upenn.edu/graduate/programs/reading-writing-literacy-phd/)
• Real Estate Design & Development, Certificate (http://catalog.upenn.edu/graduate/programs/real-estate-design- development-certificate/)
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S
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• Social Work, MSW (http://catalog.upenn.edu/graduate/programs/social-work-msw/)
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• South Asia Regional Studies, PhD (http://catalog.upenn.edu/graduate/programs/south-asia-regional-studies-phd/)
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• Statistics, PhD (http://catalog.upenn.edu/graduate/programs/statistics-phd/)
• Strategic Management, MBA (http://catalog.upenn.edu/graduate/programs/strategic-management-mba/)
• Systems Engineering, MSE (http://catalog.upenn.edu/graduate/programs/systems-engineering-mes/)

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• Teaching, Learning, and Leadership, MSEd (http://catalog.upenn.edu/graduate/programs/teaching-learning-leadership-msed/)
• Teaching, Learning, and Teacher Education, EdD (http://catalog.upenn.edu/graduate/programs/teaching-learning-teacher-education-edd/)
• Teaching, Learning, and Teacher Education, PhD (http://catalog.upenn.edu/graduate/programs/teaching-learning-teacher-education-phd/)
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• Translational Research: Translational Science, Certificate (http://catalog.upenn.edu/graduate/programs/translational-research-translational-science-certificate/)
• Urban Design, Certificate (http://catalog.upenn.edu/graduate/programs/urban-design-certificate/)
• Urban Redevelopment, Certificate (http://catalog.upenn.edu/graduate/programs/urban-redevelopment-certificate/)
• Urban Resilience, Certificate (http://catalog.upenn.edu/graduate/programs/urban-resilience-certificate/)
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• Urban Teaching Residency, MSEd (http://catalog.upenn.edu/graduate/programs/urban-teaching-residency-msed/)
• Veterinary Medicine, VMD (http://catalog.upenn.edu/graduate/programs/veterinary-medicine-vmd/)
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• Women's Health/Gender Related Nurse Practitioner, MSN (http://catalog.upenn.edu/graduate/programs/womens-health-gender-related-np-msn/)