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)
- Actuarial Science, MBA (http://catalog.upenn.edu/graduate/programs/actuarial-science-mba)
- Adult Oncology, Certificate (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)
- Animal Welfare and Behavior, Certificate (http://catalog.upenn.edu/graduate/programs/animal-welfare-behavior-certificate)
- 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, 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)

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• 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: 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)
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• 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)
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D
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M
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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)
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• 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)
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• Psychology, PhD (http://catalog.upenn.edu/graduate/programs/psychology-phd)
• Public Finance, Certificate (http://catalog.upenn.edu/graduate/programs/public-finance-certificate)
• 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/quality-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-mphiled)
• Quantitative Methods, PhD (http://catalog.upenn.edu/graduate/programs/quantitative-methods-phd)

R
• Reading/Writing/Literacy, Certificate (http://catalog.upenn.edu/graduate/programs/reading-writing-literacy-certificate)
• 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)
• Real Estate, MBA (http://catalog.upenn.edu/graduate/programs/real-estate-mba)
• Regulatory Affairs, MRA (http://catalog.upenn.edu/graduate/programs/regulatory-affairs-mra)
• Regulatory Science, MSRS (http://catalog.upenn.edu/graduate/programs/regulatory-science-msrs)
• Religious Studies, PhD (http://catalog.upenn.edu/graduate/programs/religious-studies-phd)
• Robotics, MSE (http://catalog.upenn.edu/graduate/programs/robotics-mse)
• Romance Languages: French and Francophone Studies, PhD (http://catalog.upenn.edu/graduate/programs/romance-languages-french-studies-phd)
• Romance Languages: Hispanic Studies, PhD (http://catalog.upenn.edu/graduate/programs/romance-languages-hispanic-studies-phd)
• Romance Languages: Italian Studies, PhD (http://catalog.upenn.edu/graduate/programs/romance-languages-italian-studies-phd)
• School and Mental Health Counseling, MSED (http://catalog.upenn.edu/graduate/programs/school-mental-health-counseling-msed)
• School Leadership, Certificate (http://catalog.upenn.edu/graduate/programs/school-leadership-certificate)
• School Leadership, MSED (http://catalog.upenn.edu/graduate/programs/school-leadership-msed)
• Scientific Computing, MSE (http://catalog.upenn.edu/graduate/programs/scientific-computing-mse)
• Social Policy, MSSP (http://catalog.upenn.edu/graduate/programs/social-policy-mssp)
• Social Policy/Data Analytics, MSSP & Certificate (http://catalog.upenn.edu/graduate/programs/social-policy-data-analytics-mssp)
• Social Welfare, PhD (http://catalog.upenn.edu/graduate/programs/social-welfare-phd)
• Social Work, DSW (http://catalog.upenn.edu/graduate/programs/social-work-dsw)
• Social Work, MSW (http://catalog.upenn.edu/graduate/programs/social-work-msw)
• Social, Cognitive, & Affective Neuroscience, Certificate (http://catalog.upenn.edu/graduate/programs/social-cognitive-affective-neuroscience-certificate)
• Sociology, PhD (http://catalog.upenn.edu/graduate/programs/sociology-phd)
• South Asia Regional Studies, MA (http://catalog.upenn.edu/graduate/programs/south-asia-regional-studies-ma)
• South Asia Regional Studies, PhD (http://catalog.upenn.edu/graduate/programs/south-asia-regional-studies-phd)
• Statistics, MBA (http://catalog.upenn.edu/graduate/programs/statistics-mba)
• Statistics, Measurement, Assessment, and Research Technology, MSED (http://catalog.upenn.edu/graduate/programs/statistics-measurement-assessment-research-technology-msed)
• 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-mse)
• Teaching English to Speakers of Other Languages, MSEd (http://catalog.upenn.edu/graduate/programs/tesol-msed)
• 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)
• Time-Based and Interactive Media, Certificate (http://catalog.upenn.edu/graduate/programs/time-based-interactive-media-certificate)
• Transformative Nursing Education Program, Certificate (http://catalog.upenn.edu/graduate/programs/transformative-nursing-education-program-certificate)
• Transformative Nursing Education Program, Minor (http://catalog.upenn.edu/graduate/programs/transformative-nursing-education-program-minor)
• Translational Research, MSTR (http://catalog.upenn.edu/graduate/programs/translational-research-mstr)
• Translational Research: Entrepreneurial Science, Certificate (http://catalog.upenn.edu/graduate/programs/translational-research-entrepreneurial-science-certificate)
• Translational Research: Regulatory Science, Certificate (http://catalog.upenn.edu/graduate/programs/translational-research-regulatory-science-certificate)
• 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)
• Urban Spatial Analytics, MUSA (http://catalog.upenn.edu/graduate/programs/urban-spatial-analytics-musa)
• Urban Teaching Apprenticeship, MSEd (http://catalog.upenn.edu/graduate/programs/urban-teaching-apprenticeship-msed)
• 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)

• Women’s Health Studies, Minor (http://catalog.upenn.edu/graduate/programs/womens-health-studies-minor)
• Women’s Health/Gender Related Nurse Practitioner, MSN (http://catalog.upenn.edu/graduate/programs/womens-health-gender-related-np-msn)