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

- 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 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/Minor (http://catalog.upenn.edu/graduate/programs/adult-oncology-specialist-certificate-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)
- 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 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)
- 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)
- Autism Spectrum Disorder, Certificate/Minor (http://catalog.upenn.edu/graduate/programs/autism-spectrum-disorder-certificate-minor)

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)
- Bioethics, MBE & Clinical Ethics Mediation Certificate (http://catalog.upenn.edu/graduate/programs/bioethics-mbe-clinical-ethics-mediation-certificate)
- Biology, PhD (http://catalog.upenn.edu/graduate/programs/biology-phd)
- Biomedical Informatics, Certificate (http://catalog.upenn.edu/graduate/programs/biomedical-informatics-certificate)
- Biomedical Informatics, MS (http://catalog.upenn.edu/graduate/programs/biomedical-informatics-ms)
- Biotechnology, MBIO (http://catalog.upenn.edu/graduate/programs/biotechnology-mbio)
- 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: 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, MS (http://catalog.upenn.edu/graduate/programs/clinical-epidemiology-ms)
• Communication, PhD (http://catalog.upenn.edu/graduate/programs/communication-phd)
• Comparative Literature, PhD (http://catalog.upenn.edu/graduate/programs/comparative-literature-phd)
• 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 & Mental Health Services, MSEd (http://catalog.upenn.edu/graduate/programs/counseling-mental-health-services-msed)
• Criminology, MS (http://catalog.upenn.edu/graduate/programs/criminology-ms)
• Criminology, PhD (http://catalog.upenn.edu/graduate/programs/criminology-phd)
• 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)
• 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)
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• Education, Culture and Society, MSEd (http://catalog.upenn.edu/graduate/programs/education-culture-society-msed)
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• Epidemiology and Biostatistics: Biostatistics, PhD (http://catalog.upenn.edu/graduate/programs/epidemiology-biostatistics-biostatistics-phd)
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• Individualized, MPhil (http://catalog.upenn.edu/graduate/programs/individualized-mphil)
• Insurance and Risk Management, MBA (http://catalog.upenn.edu/graduate/programs/insurance-risk-management-mba)
• Integrated Product Design, Certificate (http://catalog.upenn.edu/graduate/programs/integrated-product-design-certificate)
• Integrated Product Design, MIPD (http://catalog.upenn.edu/graduate/programs/integrated-product-design-mipd)
• Integrated Product Design, MSE (http://catalog.upenn.edu/graduate/programs/integrated-product-design-mse)
• Intercultural Communication, MSED (http://catalog.upenn.edu/graduate/programs/intercultural-communication-msed)
• Interdisciplinary Studies in Human Development, MSED (http://catalog.upenn.edu/graduate/programs/interdisciplinary-studies-human-development-msed)
• Interdisciplinary Studies in Human Development, PhD (http://catalog.upenn.edu/graduate/programs/interdisciplinary-studies-human-development-phd)
• International Educational Development, MSED (http://catalog.upenn.edu/graduate/programs/international-educational-development-msed)
• International, MPA (http://catalog.upenn.edu/graduate/programs/international-mpa)

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• Law, ML (http://catalog.upenn.edu/graduate/programs/law-ml)
• Law, SJD (http://catalog.upenn.edu/graduate/programs/law-sjd)
• Learning Sciences & Technologies, MSED (http://catalog.upenn.edu/graduate/programs/learning-sciences-technologies-msed)
• Liberal Arts Individualized, MLA (http://catalog.upenn.edu/graduate/programs/liberal-arts-individualized-mla)
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• Linguistics, PhD (http://catalog.upenn.edu/graduate/programs/linguistics-phd)

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• Marketing, MBA (http://catalog.upenn.edu/graduate/programs/marketing-mba)
• Marketing, PhD (http://catalog.upenn.edu/graduate/programs/marketing-phd)
• Mathematics, MA (http://catalog.upenn.edu/graduate/programs/mathematics-ma)
• Mathematics, MPhil (http://catalog.upenn.edu/graduate/programs/mathematics-mphil)
• Mathematics, PhD (http://catalog.upenn.edu/graduate/programs/mathematics-phd)
• Mechanical Engineering & Applied Mechanics, MSE (http://catalog.upenn.edu/graduate/programs/mechanical-engineering-applied-mechanics-mse)
• Mechanical Engineering and Applied Mechanics, PhD (http://catalog.upenn.edu/graduate/programs/mechanical-engineering-applied-mechanics-phd)
• Medical Education, MSED (http://catalog.upenn.edu/graduate/programs/medical-education-msed)
• Medical Ethics, MS (http://catalog.upenn.edu/graduate/programs/medical-ethics-ms)
• Medical Physics, Certificate (http://catalog.upenn.edu/graduate/programs/medical-physics-certificate)
• Medical Physics, MMP (http://catalog.upenn.edu/graduate/programs/medical-physics-mmp)
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• Music: Ethnomusicology, PhD (http://catalog.upenn.edu/graduate/programs/music-ethnomusicology-phd)
• Music: History of Music, PhD (http://catalog.upenn.edu/graduate/programs/music-history-music-phd)
• Music: Musical Composition, PhD (http://catalog.upenn.edu/graduate/programs/music-musical-composition-phd)
• Music: Theory of Music, PhD (http://catalog.upenn.edu/graduate/programs/music-theory-music-phd)

N
• Nanotechnology, MSE (http://catalog.upenn.edu/graduate/programs/nanotechnology-mse)
• Near Eastern Languages and Civilizations: Biblical Studies, MA (http://catalog.upenn.edu/graduate/programs/near-eastern-languages-civilizations-biblical-studies-ma)
• 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 and Societies, MA (http://catalog.upenn.edu/graduate/programs/near-eastern-languages-civilizations-arabic-islamic-studies-ma)
• Near Eastern Languages and Civilizations: Middle Eastern Literatures and Societies, PhD (http://catalog.upenn.edu/graduate/programs/near-eastern-languages-civilizations-arabic-islamic-studies-phd)
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• Nursing, DNP (http://catalog.upenn.edu/graduate/programs/nursing-dnp)

O
• Operations, Information and Decisions, PhD (http://catalog.upenn.edu/graduate/programs/operations-information-decisions-phd)
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P
• Palliative Care, Certificate/Minor (http://catalog.upenn.edu/graduate/programs/palliative-care-certificate-minor)
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• 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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• Public Finance, Certificate (http://catalog.upenn.edu/graduate/programs/public-finance-certificate)
• Public Health Studies: Environmental Health, MPH (http://catalog.upenn.edu/graduate/programs/public-health-studies-environmental-health-mp)
• Public Health Studies: Generalist, MPH (http://catalog.upenn.edu/graduate/programs/public-health-studies-mp)
• Public Health Studies: Global Health, MPH (http://catalog.upenn.edu/graduate/programs/public-health-studies-global-health-mp)
• Public Health, MPH (http://catalog.upenn.edu/graduate/programs/public-health-mp)
• Quantitative Methods, MPhilEd (http://catalog.upenn.edu/graduate/programs/quantitative-methods-mphiled)
• Quantitative Methods, PhD (http://catalog.upenn.edu/graduate/programs/quantitative-methods-phd)
• Reading, Writing, Literacy, PhD (http://catalog.upenn.edu/graduate/programs/reading-writing-literacy-phd)
• 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-ed)
• Reading/Writing/Literacy, MSEd (http://catalog.upenn.edu/graduate/programs/reading-writing-literacy-msed)
• 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, MRS (http://catalog.upenn.edu/graduate/programs/regulatory-science-ms)
• Religious Studies, PhD (http://catalog.upenn.edu/graduate/programs/religious-studies-phd)
• Resource Management, MES (http://catalog.upenn.edu/graduate/programs/resource-management-mes)
• 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)

S
• School & 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, MS (http://catalog.upenn.edu/graduate/programs/social-policy-ms)
• Social Policy/Data Analytics, MS & Certificate (http://catalog.upenn.edu/graduate/programs/social-policy-data-analytics-ms)
• 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, & 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, MBA (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 Teacher Education, PhD (http://catalog.upenn.edu/graduate/programs/teaching-learning-teacher-education-phd)
• Teaching, Learning, & Leadership, MSEd (http://catalog.upenn.edu/graduate/programs/teaching-learning-leadership-msed)
• Teaching, Learning, & Teacher Education, EdD (http://catalog.upenn.edu/graduate/programs/teaching-learning-teacher-education-edd)
• Time-Based and Interactive Media, Certificate (http://catalog.upenn.edu/graduate/programs/time-based-interactive-media-certificate)
• Transformative Nursing Education Program, Certificate/Minor (http://catalog.upenn.edu/graduate/programs/transformative-nursing-education-program-certificate-minor)
• Translational Research, MS (http://catalog.upenn.edu/graduate/programs/translational-research-ms)
• 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)

U
• Urban Design, Certificate (http://catalog.upenn.edu/graduate/programs/urban-design-certificate)
• Urban Environment, MES (http://catalog.upenn.edu/graduate/programs/urban-environment-mes)
• 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)

V
• Veterinary Medicine, VMD (http://catalog.upenn.edu/graduate/programs/veterinary-medicine-vmd)

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