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 Gerontology Acute Care Nurse Practitioner, MSN (http://catalog.upenn.edu/graduate/programs/adult-gerontology-acute-care-msn)
• Adult Gerontology Primary Care Nurse Practitioner, MSN (http://catalog.upenn.edu/graduate/programs/adult-gerontology-primary-care-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)
• 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)
• 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)

• 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)

• 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 and 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)

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• 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)

• Education, Culture, and Society, PhD (http://catalog.upenn.edu/graduate/programs/education-culture-society-phd)

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- Epidemiology and Biostatistics: Biostatistics, PhD (http://catalog.upenn.edu/graduate/programs/epidemiology-biostatistics-biostatistics-phd)
- Epidemiology and Biostatistics: Epidemiology, PhD (http://catalog.upenn.edu/graduate/programs/epidemiology-biostatistics-epidemiology-phd)
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- German Languages and Literatures, PhD (http://catalog.upenn.edu/graduate/programs/german-languages-literatures-phd)
- Global Health, Minor (http://catalog.upenn.edu/graduate/programs/global-health-minor)
- Government Administration (Exec), MPA (http://catalog.upenn.edu/graduate/programs/government-administration-mpa)
- Government Administration (FT), MPA (http://catalog.upenn.edu/graduate/programs/government-administration-mpaf)
- Graduate Training in Medical Science, Certificate (http://catalog.upenn.edu/graduate/programs/graduate-training-medical-science-certificate)
- Health Care Innovation, Certificate (http://catalog.upenn.edu/graduate/programs/health-care-innovation-certificate)
- Health Care Innovation, MHCI (http://catalog.upenn.edu/graduate/programs/health-care-innovation-mhci)
- Health Care Management & Economics, PhD (http://catalog.upenn.edu/graduate/programs/health-care-management-economics-phd)
- Health Care Management, MBA (http://catalog.upenn.edu/graduate/programs/health-care-management-mba)
- Health Informatics, Minor (http://catalog.upenn.edu/graduate/programs/health-informatics-minor)
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- Healthcare Quality and Safety, Certificate (http://catalog.upenn.edu/graduate/programs/health-care-quality-safety-certificate)
- Healthcare Quality and Safety, MHQS (http://catalog.upenn.edu/graduate/programs/health-care-quality-safety-mhqs)
- Higher Education Management, EdD (http://catalog.upenn.edu/graduate/programs/higher-education-management-edd)
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- Historic Preservation, Certificate (http://catalog.upenn.edu/graduate/programs/historic-preservation-certificate)
- Historic Preservation, MSHP (http://catalog.upenn.edu/graduate/programs/historic-preservation-mshp)
- History and Sociology of Science, PhD (http://catalog.upenn.edu/graduate/programs/history-sociology-science-phd)
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I
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• Independent School Teaching Residency, MSED (http://catalog.upenn.edu/graduate/programs/independent-school-teaching-residency-msed)
• Individualized Major, MBA (http://catalog.upenn.edu/graduate/programs/individualized-major-mba)
• 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 Nursing Care of Autism Spectrum Disorder, Certificate (http://catalog.upenn.edu/graduate/programs/integrated-nursing-care-autism-spectrum-disorder-certificate)
• Integrated Nursing Care of Autism Spectrum Disorder, Minor (http://catalog.upenn.edu/graduate/programs/integrated-nursing-care-autism-spectrum-disorder-minor)
• 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)

L
• Land Preservation, Certificate (http://catalog.upenn.edu/graduate/programs/land-preservation-certificate)
• Landscape Architecture & Regional Planning, MLA (http://catalog.upenn.edu/graduate/programs/landscape-architecture-regional-planning-mla)
• Landscape Studies, Certificate (http://catalog.upenn.edu/graduate/programs/landscape-studies-certificate)
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• Law, LLCM (http://catalog.upenn.edu/graduate/programs/law-llcm)
• Law, LLM (http://catalog.upenn.edu/graduate/programs/law-llm)
• 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)
• Learning Sciences & Technologies, PhD (http://catalog.upenn.edu/graduate/programs/learning-sciences-technologies-phd)
• Liberal Arts Individualized, MLA (http://catalog.upenn.edu/graduate/programs/liberal-arts-individualized-mla)
• Linguistics, MA (http://catalog.upenn.edu/graduate/programs/linguistics-ma)
• Linguistics, PhD (http://catalog.upenn.edu/graduate/programs/linguistics-phd)

M
• Management, MBA (http://catalog.upenn.edu/graduate/programs/management-mba)
• Management, PhD (http://catalog.upenn.edu/graduate/programs/management-phd)
• Marketing & Operations Management, MBA (http://catalog.upenn.edu/graduate/programs/marketing-operations-management-mba)
• Marketing, MBA (http://catalog.upenn.edu/graduate/programs/marketing-mba)
• Marketing, PhD (http://catalog.upenn.edu/graduate/programs/marketing-phd)
• Materials Science and Engineering, MSE (http://catalog.upenn.edu/graduate/programs/materials-science-engineering-mse)
• Materials Science and Engineering, PhD (http://catalog.upenn.edu/graduate/programs/materials-science-engineering-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, MSME (http://catalog.upenn.edu/graduate/programs/medical-ethics-msme)
• Medical Physics, Certificate (http://catalog.upenn.edu/graduate/programs/medical-physics-certificate)
• Medical Physics, MSMP (http://catalog.upenn.edu/graduate/programs/medical-physics-mpm)
• Multinational Management, MBA (http://catalog.upenn.edu/graduate/programs/multinational-management-mba)
• 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: Music Studies, PhD (http://catalog.upenn.edu/graduate/programs/music-music-studies-phd)
• Music: Musical Composition, PhD (http://catalog.upenn.edu/graduate/programs/music-musical-composition-phd)
• Music: Theory of Music, PhD

• Nanotechnology, MSE

• Near Eastern Languages and Civilizations: Biblical Studies, MA

• Near Eastern Languages and Civilizations: Biblical Studies, PhD

• Near Eastern Languages and Civilizations: Classical and Medieval Hebrew Literature, MA

• Near Eastern Languages and Civilizations: Classical and Medieval Hebrew Literature, PhD

• Near Eastern Languages and Civilizations: Egyptology and Archaeology, MA

• Near Eastern Languages and Civilizations: Egyptology, PhD

• Near Eastern Languages and Civilizations: Mesopotamian Civilization, MA

• Near Eastern Languages and Civilizations: Mesopotamian Civilization, PhD

• Near Eastern Languages and Civilizations: Middle Eastern Literatures & Societies, MA

• Near Eastern Languages and Civilizations: Middle Eastern Literatures & Societies, PhD

• Neonatal Nurse Practitioner, MSN

• Neuroscience, PhD

• Nonprofit Administration, Certificate

• Nonprofit/NGO Leadership, MSNPL

• Nurse Anesthesia Program, DNP

• Nurse-Midwifery, MSN

• Nursing & Health Care Administration, MSN

• Nursing Administration, Minor

• Nursing, DNP

• Nursing, PhD

• Nutrition, Minor

• Operations, Information and Decisions, PhD

• Operations, Information, & Decisions, MBA

• Oral and Maxillofacial Surgery, Certificate

• Oral Medicine, Certificate

• Organizational Dynamics, MPhil

• Organizational Dynamics, MSOD

• Organizational Effectiveness, MBA

• Orthodontics and Periodontics, Certificate

• Orthodontics, Certificate

• Palliative Care, Certificate

• Palliative Care, Minor

• Pediatric Acute Care Nurse Practitioner: Acute/Chronic, MSN

• Pediatric Acute Care Nurse Practitioner: Critical Care, MSN

• Pediatric Acute Care Nurse Practitioner: Oncology, MSN

• Pediatric Primary Care Nurse Practitioner, MSN

• Pedodontics, Certificate

• Penn Chief Learning Officer, EdD

• Periodontics, Certificate

• Perioprosthesis, Certificate

• Pharmacology, PhD

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• Physics and Astronomy, PhD (http://catalog.upenn.edu/graduate/programs/physics-astronomy-phd)
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• Professional Counseling, MPhilEd (http://catalog.upenn.edu/graduate/programs/professional-counseling-mphil-ed)
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• Psychiatric Mental Health Nurse Practitioner, MSN (http://catalog.upenn.edu/graduate/programs/psychiatric-mental-health-msn)
• 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/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-mphil-ed)
• 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, MPhilEd (http://catalog.upenn.edu/graduate/programs/reading-writing-literacy-mphil-ed)
• 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)
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• 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)
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• 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, MPhilEd (http://catalog.upenn.edu/graduate/programs/statistics-measurement-assessment-research-technology-mphil-ed)
• 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)