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/)
- Advanced Dental Studies, MADS (http://catalog.upenn.edu/graduate/programs/advanced-dental-studies-mads/)
- Advanced Research Training for Genetic Counselors, Certificate (http://catalog.upenn.edu/graduate/programs/advanced-research-training-genetic-counselors-certificate/)
- Advanced Scientific Computing, Certificate (http://catalog.upenn.edu/graduate/programs/advanced-scientific-computing-certificate/)
- 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, Biological, PhD (http://catalog.upenn.edu/graduate/programs/anthropology-biological-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/)
- 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: 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/)
- Artificial Intelligence, Certificate (http://catalog.upenn.edu/graduate/programs/artificial-intelligence-certificate/)
- Artificial Intelligence, MSE (http://catalog.upenn.edu/graduate/programs/artificial-intelligence-mse/)

B

- Behavioral and Decision Sciences, MBDS (http://catalog.upenn.edu/graduate/programs/behavioral-decision-sciences-mbds/)
- Biochemistry, Biophysics and Chemical Biology, PhD (http://catalog.upenn.edu/graduate/programs/biochemistry-biophysics-chemical-biology-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, MBIOI (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/)
• Cinema and Media Studies, MA (http://catalog.upenn.edu/graduate/programs/cinema-media-studies-ma/)
• Cinema and Media Studies, PhD (http://catalog.upenn.edu/graduate/programs/cinema-media-studies-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 Planning, PhD (http://catalog.upenn.edu/graduate/programs/city-planning-phd/)

D

• Classical Studies, PhD (http://catalog.upenn.edu/graduate/programs/classical-studies-phd/)
• Clinical Epidemiology, MSCE (http://catalog.upenn.edu/graduate/programsclinical-epidemiology-misce/)
• Clinical Ethics Mediation, Certificate (http://catalog.upenn.edu/graduate/programsclinical-ethics-mediation-certificate/)
• Communication, PhD (http://catalog.upenn.edu/graduate/programscommunication-phd/)
• Comparative Literature, PhD (http://catalog.upenn.edu/graduate/programscomparative-literature-phd/)
• Computer & Information Science, MSE (http://catalog.upenn.edu/graduate/programscomputer-information-science-mse/)
• Computer & Information Technology, MCIT (http://catalog.upenn.edu/graduate/programscomputer-information-technology-mcit/)
• Computer and Information Science, PhD (http://catalog.upenn.edu/graduate/programscomputer-information-science-phd/)
• Computer Graphics & Game Technology, MSE (http://catalog.upenn.edu/graduate/programscomputer-graphics-game-technology-mse/)
• Computer Science Fundamentals, Certificate (http://catalog.upenn.edu/graduate/programscomputer-science-fundamentals-certificate/)
• Criminology, MS (http://catalog.upenn.edu/graduate/programs/criminology-ms/)
• Criminology, PhD (http://catalog.upenn.edu/graduate/programs/criminology-phd/)

E

• Data Science, Certificate (http://catalog.upenn.edu/graduate/programsdata-science-certificate/)
• Data Science, MSE (http://catalog.upenn.edu/graduate/programsdata-science-mse/)
• Demography, PhD (http://catalog.upenn.edu/graduate/programsdemography-phd/)
• Diversity, Equity and Inclusion, MBA (http://catalog.upenn.edu/graduate/programsdiversity-equity-inclusion-mba/)
• 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/)
• Ecological Architecture, Certificate (http://catalog.upenn.edu/graduate/programs/eco-logical-architecture-certificate/)
• Ecological Planning, Certificate (http://catalog.upenn.edu/graduate/programs/eco-logical-planning-certificate/)
• Economics, PhD (http://catalog.upenn.edu/graduate/programs/economics-phd/)
• Education Entrepreneurship, MSEd (http://catalog.upenn.edu/graduate/programs/education-entrepreneurship-msed/)
• Education Policy, MSEd (http://catalog.upenn.edu/graduate/programs/education-policy-msed/)
• Education Policy, PhD (http://catalog.upenn.edu/graduate/programs/education-policy-phd/)
• 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/)
• Educational and Organizational Leadership, EdD (http://catalog.upenn.edu/graduate/programs/educational-organizational-leadership-edd/)
• Educational Leadership, EdD (http://catalog.upenn.edu/graduate/programs/educational-leadership-edd/)
• Educational Linguistics, EdD (http://catalog.upenn.edu/graduate/programs/educational-linguistics-edd/)
• Educational Linguistics, PhD (http://catalog.upenn.edu/graduate/programs/educational-linguistics-phd/)
• Electrical and Systems Engineering, PhD (http://catalog.upenn.edu/graduate/programs/electrical-systems-engineering-phd/)
• Electrical Engineering, MSE (http://catalog.upenn.edu/graduate/programs/electrical-engineering-mse/)
• Emerging Design and Research, Certificate (http://catalog.upenn.edu/graduate/programs/emerging-design-research-certificate/)
• Endodontics, Certificate (http://catalog.upenn.edu/graduate/programs/endodontics-certificate/)
• Energy Management & Policy, Certificate (http://catalog.upenn.edu/graduate/programs/energy-management-policy-certificate/)
• Engineering Entrepreneurship, Certificate (http://catalog.upenn.edu/graduate/programs/engineering-entrepreneurship-certificate/)
• English, MA (http://catalog.upenn.edu/graduate/programs/english-ma/)
• English, PhD (http://catalog.upenn.edu/graduate/programs/english-phd/)
• Entrepreneurship and Innovation, MBA (http://catalog.upenn.edu/graduate/programs/entrepreneurship-innovation-mba/)
• Environmental Building Design, Certificate (http://catalog.upenn.edu/graduate/programs/environmental-building-design-certificate/)
• Environmental Health Sciences, Certificate (http://catalog.upenn.edu/graduate/programs/environmental-health-sciences-certificate/)
• Environmental Studies, MES (http://catalog.upenn.edu/graduate/programs/environmental-studies-mes/)
• Environmental, Social and Governance Factors for Business, MBA (http://catalog.upenn.edu/graduate/programs/environmental-social-governance-factors-business-mba/)
• Epidemiology and Biostatistics: Biostatistics, MS (http://catalog.upenn.edu/graduate/programs/epidemiology-biostatistics-biostatistics-ms/)
• 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/)
• ESL Specialist, Certificate (http://catalog.upenn.edu/graduate/programs/esl-specialist-certificate/)
• Ethics and Legal Studies, PhD (http://catalog.upenn.edu/graduate/programs/ethics-legal-studies-phd/)
• Executive Leadership, DNP (http://catalog.upenn.edu/graduate/programs/executive-leadership-dnp/)
• Executive MBA (http://catalog.upenn.edu/graduate/programs/executive-mba/)

F
• Family Nurse Practitioner, MSN (http://catalog.upenn.edu/graduate/programs/family-nurse-practitioner-msn/)
• Finance, MBA (http://catalog.upenn.edu/graduate/programs/finance-mba/)
• Finance, PhD (http://catalog.upenn.edu/graduate/programs/finance-phd/)
• Fine Arts, MFA (http://catalog.upenn.edu/graduate/programs/fine-arts-mfa/)
• Francophone, Italian and Germanic Studies: French and Francophone Studies, PhD (http://catalog.upenn.edu/graduate/programs/francophone-italian-germanic-studies-phd/)
• Francophone, Italian and Germanic Studies: Germanic Studies, PhD (http://catalog.upenn.edu/graduate/programs/francophone-italian-germanic-studies-phd/)
• Francophone, Italian and Germanic Studies: Italian Studies, PhD (http://catalog.upenn.edu/graduate/programs/francophone-italian-germanic-italian-studies-phd/)

G
• Genetic Counseling, MSGC (http://catalog.upenn.edu/graduate/programs/遗传咨询-msgc/)
• Genomics and Computational Biology, PhD (http://catalog.upenn.edu/graduate/programs/genomics-computational-biology-phd/)
• Geographical Information Systems & Spatial Analysis, Certificate (http://catalog.upenn.edu/graduate/programs/geo-info-systems-spatial-analysis-certificate/)
• Global Health, Minor (http://catalog.upenn.edu/graduate/programs/global-health-minor/)
• Global Higher Education Management, MSEd (http://catalog.upenn.edu/graduate/programs/global-higher-education-management-msed/)
• Global, MPA (http://catalog.upenn.edu/graduate/programs/global-mpa/)
• 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/)
H

- 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/)
- Health Leadership, MSN (http://catalog.upenn.edu/graduate/programs/health-leadership-msn/)
- Health Policy Research, MSHP (http://catalog.upenn.edu/graduate/programs/health-policy-research-mshp/)
- 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/healthcare-quality-safety-mhqs/)
- Higher Education Management, EdD (http://catalog.upenn.edu/graduate/programs/higher-education-management-edd/)
- Higher Education, EdD (http://catalog.upenn.edu/graduate/programs/higher-education-edd/)
- Higher Education, MSEd (http://catalog.upenn.edu/graduate/programs/higher-education-msed/)
- Higher Education, PhD (http://catalog.upenn.edu/graduate/programs/higher-education-phd/)
- Historic Preservation, Certificate (http://catalog.upenn.edu/graduate/programs/historic-preservation-certificate/)
- Historic Preservation, MSD (http://catalog.upenn.edu/graduate/programs/historic-preservation-msd/)
- 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/)
- History of Art, MA (http://catalog.upenn.edu/graduate/programs/history-art-ma/)
- History of Art, PhD (http://catalog.upenn.edu/graduate/programs/history-phd/)
- History, PhD (http://catalog.upenn.edu/graduate/programs/history-phd/)
- 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/)
- International Educational Development, MSEd (http://catalog.upenn.edu/graduate/programs/international-educational-development-msed/)
- International Studies, MA (http://catalog.upenn.edu/graduate/programs/international-studies-ma/)
- International, MPA (http://catalog.upenn.edu/graduate/programs/international-mpa/)
- Integrated Healthcare Quality and Safety, Certificate (http://catalog.upenn.edu/graduate/programs/integrated-healthcare-quality-safety-certificate/)
- Integrated Healthcare Quality and Safety, MHQS (http://catalog.upenn.edu/graduate/programs/integrated-healthcare-quality-safety-mhqs/)
- Integrated Historical Preservation, MSHP (http://catalog.upenn.edu/graduate/programs/integrated-historic-preservation-mshp/)
- Integrated History and Sociology of Science, PhD (http://catalog.upenn.edu/graduate/programs/integrated-history-sociology-science-phd/)
- Integrated History of Art, MA (http://catalog.upenn.edu/graduate/programs/integrated-history-art-ma/)
- Integrated History of Art, PhD (http://catalog.upenn.edu/graduate/programs/integrated-history-phd/)
- Integrated History, PhD (http://catalog.upenn.edu/graduate/programs/integrated-history-phd/)
- Integrated Immunology, PhD (http://catalog.upenn.edu/graduate/programs/integrated-immunology-phd/)
- Integrated Implementation Science, Certificate (http://catalog.upenn.edu/graduate/programs/integrated-implementation-science-certificate/)
- Integrated Independent School Teaching Residency, MSEd (http://catalog.upenn.edu/graduate/programs/independent-school-teaching-residency-msed/)
- Integrated Individualized Major, MBA (http://catalog.upenn.edu/graduate/programs/integrated-individualized-major-mba/)
- Integrated Individualized, MPhil (http://catalog.upenn.edu/graduate/programs/integrated-individualized-mphil/)

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/)
- Law, JD (http://catalog.upenn.edu/graduate/programs/law-jd/)
- 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 Analytics, MSEd (http://catalog.upenn.edu/graduate/programs/learning-analytics-msed/)
- 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/)
- Literacy Studies, EdD (http://catalog.upenn.edu/graduate/programs/literacy-studies-edd/)
- Literacy Studies, MSEd (http://catalog.upenn.edu/graduate/programs/literacy-studies-msed/)
- Literacy Studies, PhD (http://catalog.upenn.edu/graduate/programs/literacy-studies-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/)
- Mechanics, PhD (http://catalog.upenn.edu/graduate/programs/mechanics-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/)
- Middle Eastern Languages & Cultures: Biblical Studies, MA (http://catalog.upenn.edu/graduate/programs/middle eastern-languages-cultures-biblical-studies-ma/)
- Middle Eastern Languages & Cultures: Biblical Studies, PhD (http://catalog.upenn.edu/graduate/programs/middle eastern-languages-cultures-biblical-studies-phd/)
- Middle Eastern Languages & Cultures: Classical and Medieval Hebrew Literature, MA (http://catalog.upenn.edu/graduate/programs/middle-eastern-languages-cultures-classical-medieval-hebrew-literature-ma/)
- Middle Eastern Languages & Cultures: Classical and Medieval Hebrew Literature, PhD (http://catalog.upenn.edu/graduate/programs/middle-eastern-languages-cultures-classical-medieval-hebrew-literature-phd/)
- Middle Eastern Languages & Cultures: Egyptology, MA (http://catalog.upenn.edu/graduate/programs/middle-eastern-languages-cultures-egyptology-ma/)
- Middle Eastern Languages & Cultures: Egyptology, PhD (http://catalog.upenn.edu/graduate/programs/middle-eastern-languages-cultures-egyptology-phd/)
- Middle Eastern Languages & Cultures: Mesopotamian Civilization, MA (http://catalog.upenn.edu/graduate/programs/middle-eastern-languages-cultures-mesopotamian-civilization-ma/)
- Middle Eastern Languages & Cultures: Mesopotamian Civilization, PhD (http://catalog.upenn.edu/graduate/programs/middle-eastern-languages-cultures-mesopotamian-civilization-phd/)
- Middle Eastern Languages & Cultures: Middle Eastern Literatures & Societies, MA (http://catalog.upenn.edu/graduate/programs/middle-eastern-languages-cultures-middle-eastern-literatures-societies-ma/)
- Middle Eastern Languages & Cultures: Middle Eastern Literatures & Societies, PhD (http://catalog.upenn.edu/graduate/programs/middle-eastern-languages-cultures-middle-eastern-literatures-societies-phd/)
- Multinational Management, MBA (http://catalog.upenn.edu/graduate/programs/multinational-management-mba/)
- Music: Composition, PhD (http://catalog.upenn.edu/graduate/programs/music-musical-composition-phd/)
- Music: Music Studies, PhD (http://catalog.upenn.edu/graduate/programs/music-music-studies-phd/)

N
- Nanotechnology, MSE (http://catalog.upenn.edu/graduate/programs/ nanotechnology-mse/)
- Neonatal Nurse Practitioner, MSN (http://catalog.upenn.edu/graduate/programs/neonatal-np-msn/)
- Neuroscience, PhD (http://catalog.upenn.edu/graduate/programs/neuroscience-phd/)
- Nonprofit Administration, Certificate (http://catalog.upenn.edu/graduate/programs/nonprofit-administration-certificate/)
- Nonprofit/NGO Leadership, MSNPL (http://catalog.upenn.edu/graduate/programs/nonprofit-ngo-leadership-msnpl/)
- Nurse Anesthesia Program, DNP (http://catalog.upenn.edu/graduate/programs/nurse-anesthesia-program-dnp/)
- Nurse-Midwifery, MSN (http://catalog.upenn.edu/graduate/programs/nurse-midwifery-msn/)
- Nursing & Health Care Administration, MSN (http://catalog.upenn.edu/graduate/programs/nursing-health-care administration-msn/)
- Nursing Administration, Minor (http://catalog.upenn.edu/graduate/programs/nursing-administration-minor/)
- Nursing, DNP (http://catalog.upenn.edu/graduate/programs/nursing-dnp/)
- Nursing, MPN (http://catalog.upenn.edu/graduate/programs/nursing-mpn/)
- Nursing, PhD (http://catalog.upenn.edu/graduate/programs/nursing-phd/)
- Nutrition Science, MSNS (http://catalog.upenn.edu/graduate/programs/nutrition-science-msns/)
- Nutrition, Certificate (http://catalog.upenn.edu/graduate/programs/nutrition-certificate/)
- Nutrition, Minor (http://catalog.upenn.edu/graduate/programs/nutrition-minor/)
O

• Operations, Information and Decisions, PhD (http://catalog.upenn.edu/graduate/programs/operations-information-decisions-phd/)
• Operations, Information, & Decisions, MBA (http://catalog.upenn.edu/graduate/programs/operations-information-decisions-mba/)
• Oral and Maxillofacial Surgery, Certificate (http://catalog.upenn.edu/graduate/programs/oral-maxillofacial-surgery-certificate/)
• Oral and Population Health, MSOPH (http://catalog.upenn.edu/graduate/programs/oral-population-health-msoph/)
• Oral Biology, MSOB (http://catalog.upenn.edu/graduate/programs/oral-biology-msob/)
• Oral Health Sciences, MOHS (http://catalog.upenn.edu/graduate/programs/oral-health-sciences-mohs/)
• Oral Medicine, Certificate (http://catalog.upenn.edu/graduate/programs/oral-medicine-certificate/)
• Organizational Dynamics, MPhil (http://catalog.upenn.edu/graduate/programs/organizational-dynamics-mphi1/)
• Organizational Dynamics, MSOD (http://catalog.upenn.edu/graduate/programs/organizational-dynamics-msod/)
• Organizational Effectiveness, MBA (http://catalog.upenn.edu/graduate/programs/organizational-effectiveness-mba/)
• Orthodontics and Periodontics, Certificate (http://catalog.upenn.edu/graduate/programs/orthodontics-periodontics-certificate/)
• Orthodontics, Certificate (http://catalog.upenn.edu/graduate/programs/orthodontics-certificate/)
• Political Science, PhD (http://catalog.upenn.edu/graduate/programs/political-science-phd/)
• Politics, Certificate (http://catalog.upenn.edu/graduate/programs/politics-certificate/)
• Professional Counseling, MPhilEd (http://catalog.upenn.edu/graduate/programs/professional-counseling-mphiled/)
• Program for Advanced Standing Students, DMD (http://catalog.upenn.edu/graduate/programs/pass-dmd/)
• Prosthodontics, Certificate (http://catalog.upenn.edu/graduate/programs/prosthodontics-certificate/)
• Psychiatric Mental Health Nurse Practitioner, MSN (http://catalog.upenn.edu/graduate/programs/psychiatric-mental-health-np-msn/)
• 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-mph/)

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/)
• Quantitative Policy Analysis, MPA (http://catalog.upenn.edu/graduate/programs/quantitative-policy-analysis-mpa/)

P

• Palliative Care, Certificate (http://catalog.upenn.edu/graduate/programs/palliative-care-certificate/)
• Palliative Care, Minor (http://catalog.upenn.edu/graduate/programs/palliative-care-minor/)
• 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/)
• Pedodontics, Certificate (http://catalog.upenn.edu/graduate/programs/pedodontics-certificate/)
• Penn Chief Learning Officer, EdD (http://catalog.upenn.edu/graduate/programs/penn-chief-learning-officer-edd/)
• Periodontics, Certificate (http://catalog.upenn.edu/graduate/programs/periodontics-certificate/)
• Pharmacology, PhD (http://catalog.upenn.edu/graduate/programs/pharmacology-phd/)
• Philosophy, PhD (http://catalog.upenn.edu/graduate/programs/philosophy-phd/)
• Physics and Astronomy, PhD (http://catalog.upenn.edu/graduate/programs/physics-astronomy-phd/)
• Psychology, PhD (http://catalog.upenn.edu/graduate/programs/psychology-phd/)

R

• Reading Specialist, Certificate (http://catalog.upenn.edu/graduate/programs/reading-specialist-certificate/)
• 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, Certificate (http://catalog.upenn.edu/graduate/programs/regulatory-affairs-certificate/)
• 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/)
### Programs

#### S

- School and Mental Health Counseling, MSEd [link](http://catalog.upenn.edu/graduate/programs/school-mental-health-counseling-msed/)
- School Leadership, Certificate [link](http://catalog.upenn.edu/graduate/programs/school-leadership-certificate/)
- School Leadership, MSEd [link](http://catalog.upenn.edu/graduate/programs/school-leadership-msed/)
- Scientific Computing, MSE [link](http://catalog.upenn.edu/graduate/programs/scientific-computing-mse/)
- Social and Governance Factors in Business, MBA [link](http://catalog.upenn.edu/graduate/programs/social-governance-factors-business-mba/)
- Social Policy + Data Analytics, MSSP [link](http://catalog.upenn.edu/graduate/programs/social-policy-data-analytics-mssp/)
- Social Policy, MSSP [link](http://catalog.upenn.edu/graduate/programs/social-policy-mssp/)
- Social Welfare, PhD [link](http://catalog.upenn.edu/graduate/programs/social-welfare-phd/)
- Social Work, DSW [link](http://catalog.upenn.edu/graduate/programs/social-work-dsw/)
- Social Work, MSW [link](http://catalog.upenn.edu/graduate/programs/social-work-msw/)
- Sociology, PhD [link](http://catalog.upenn.edu/graduate/programs/sociology-phd/)
- Software Systems, Certificate [link](http://catalog.upenn.edu/graduate/programs/software-systems-certificate/)
- South Asia Regional Studies, MA [link](http://catalog.upenn.edu/graduate/programs/south-asia-regional-studies-ma/)
- South Asia Regional Studies, PhD [link](http://catalog.upenn.edu/graduate/programs/south-asia-regional-studies-phd/)
- Spanish and Portuguese, PhD [link](http://catalog.upenn.edu/graduate/programs/spanish-portuguese-phd/)
- Statistics and Data Science, MA [link](http://catalog.upenn.edu/graduate/programs/statistics-data-science-ma/)
- Statistics and Data Science, MBA [link](http://catalog.upenn.edu/graduate/programs/statistics-data-science-mba/)
- Statistics and Data Science, PhD [link](http://catalog.upenn.edu/graduate/programs/statistics-data-science-phd/)
- Statistics, Measurement, Assessment, and Research Technology, MSEd [link](http://catalog.upenn.edu/graduate/programs/statistics-measurement-assessment-research-technology-msed/)
- Strategic Management, MBA [link](http://catalog.upenn.edu/graduate/programs/strategic-management-mba/)
- Systems Engineering, MSE [link](http://catalog.upenn.edu/graduate/programs/systems-engineering-mse/)

#### U

- Urban Design, Certificate [link](http://catalog.upenn.edu/graduate/programs/urban-design-certificate/)
- Urban Redevelopment, Certificate [link](http://catalog.upenn.edu/graduate/programs/urban-redevelopment-certificate/)
- Urban Resilience, Certificate [link](http://catalog.upenn.edu/graduate/programs/urban-resilience-certificate/)
- Urban Spatial Analytics, MUSA [link](http://catalog.upenn.edu/graduate/programs/urban-spatial-analytics-musa/)
- Urban Teaching Apprenticeship, MSEd [link](http://catalog.upenn.edu/graduate/programs/urban-teaching-apprenticeship-msed/)
- Urban Teaching Residency, MSEd [link](http://catalog.upenn.edu/graduate/programs/urban-teaching-residency-msed/)

#### V

- Veterinary Medicine, VMD [link](http://catalog.upenn.edu/graduate/programs/veterinary-medicine-vmd/)

#### W

- Women's Health/Gender Related Nurse Practitioner, MSN [link](http://catalog.upenn.edu/graduate/programs/womens-health-gender-related-np-msn/)