PROGRAMS

Biomedical Graduate Studies

- Biochemistry and Molecular Biophysics, PhD (http://catalog.upenn.edu/graduate/programs/biochemistry-molecular-biophysics-phd)
- Cell and Molecular Biology
  - Cancer Biology, PhD (http://catalog.upenn.edu/graduate/programs/cell-molecular-biology-cancer-biology-phd)
  - Cell Biology, Physiology, and Metabolism, PhD (http://catalog.upenn.edu/graduate/programs/cell-molecular-biology-cell-biology-physiology-metabolism-phd)
  - Developmental, Stem Cell, and Regenerative Biology, PhD (http://catalog.upenn.edu/graduate/programs/cell-molecular-biology-developmental-stem-cell-regenerative-biology-phd)
- Gene Therapy and Vaccines, PhD (http://catalog.upenn.edu/graduate/programs/cell-molecular-biology-gene-therapy-vaccines-phd)
- Genetics and Epigenetics, PhD (http://catalog.upenn.edu/graduate/programs/cell-molecular-biology-genetics-epigenetics-phd)
- Microbiology, Virology, and Parasitology, PhD (http://catalog.upenn.edu/graduate/programs/cell-molecular-biology-microbiology-virology-parasitology-phd)
- Epidemiology and Biostatistics
  - Biostatistics, MS (http://catalog.upenn.edu/graduate/programs/epidemiology-biostatistics-biostatistics-ms)
  - Biostatistics, PhD (http://catalog.upenn.edu/graduate/programs/epidemiology-biostatistics-biostatistics-phd)
  - Epidemiology, PhD (http://catalog.upenn.edu/graduate/programs/epidemiology-biostatistics-epidemiology-phd)
- Genomics and Computational Biology, PhD (http://catalog.upenn.edu/graduate/programs/genomics-computational-biology-phd)
- Immunology, PhD (http://catalog.upenn.edu/graduate/programs/immunology-phd)
- Neuroscience, PhD (http://catalog.upenn.edu/graduate/programs/neuroscience-phd)
- Pharmacology, PhD (http://catalog.upenn.edu/graduate/programs/pharmacology-phd)

Professional and Other Degree Programs

MD Program

- Doctor of Medicine, MD (http://catalog.upenn.edu/graduate/programs/doctor-medicine-md)

Master's Programs

- Bioethics, MBE (http://catalog.upenn.edu/graduate/programs/bioethics-mbe)
- Biomedical Informatics, MBMI (http://catalog.upenn.edu/graduate/programs/biomedical-informatics-mbmi)
- Clinical Epidemiology, MSCE (http://catalog.upenn.edu/graduate/programs/clinical-epidemiology-msce)
- Genetic Counseling, MSGC (http://catalog.upenn.edu/graduate/programs/genetic-counseling-msgc)
- Biostatistics, MS
- Epidemiology and Biostatistics
  - Biostatistics, PhD (http://catalog.upenn.edu/graduate/programs/epidemiology-biostatistics-biostatistics-phd)
  - Epidemiology, PhD (http://catalog.upenn.edu/graduate/programs/epidemiology-biostatistics-epidemiology-phd)

Certificate Programs

- Regulatory Science, Certificate (http://catalog.upenn.edu/graduate/programs/regulatory-science-certificate)
- Translational Research, Certificate (http://catalog.upenn.edu/graduate/programs/translational-research-certificate)
- Entrepreneurial Science, Certificate (http://catalog.upenn.edu/graduate/programs/entrepreneurial-science-certificate)
- Medical Physics, Certificate (http://catalog.upenn.edu/graduate/programs/medical-physics-certificate)

Joint Degree Programs

MD/PhD Program

- Medical Scientist Training Program (MSTP) MD/PhD (http://www.med.upenn.edu/educ_combdeg/md-phd.html)

MD/Master's Programs

- Master of Bioethics (MBE) (http://www.med.upenn.edu/educ_combdeg/md-mbe.html)
- Master of Business Administration (MBA) (http://www.med.upenn.edu/educ_combdeg/md-mba.html)
- Master in Law (ML), Health Law Track (http://www.med.upenn.edu/educ_combdeg/md-ml.html)
- Master of Public Health (MPH) (http://www.med.upenn.edu/educ_combdeg/md-mph.html)
- Master of Science in Clinical Epidemiology (MSCE) (http://www.med.upenn.edu/educ_combdeg/md-msce.html)

Certificate Programs

- Clinical Ethics Mediation, Certificate (http://catalog.upenn.edu/graduate/programs/clinical-ethics-mediation-certificate)
- Health Care Innovation, Certificate (http://catalog.upenn.edu/graduate/programs/health-care-innovation-certificate)
- Medical Ethics, MSME (http://catalog.upenn.edu/graduate/programs/medical-ethics-msme)
- Medical Physics, MMP (http://catalog.upenn.edu/graduate/programs/medical-physics-mmp)
- Public Health, MPH (http://catalog.upenn.edu/graduate/programs/public-health-mp)

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MD/PhD Program

- Medical Scientist Training Program (MSTP) MD/PhD (http://www.med.upenn.edu/educ_combdeg/md-phd.html)

MD/Master's Programs

- Master of Bioethics (MBE) (http://www.med.upenn.edu/educ_combdeg/md-mbe.html)
- Master of Business Administration (MBA) (http://www.med.upenn.edu/educ_combdeg/md-mba.html)
- Master in Law (ML), Health Law Track (http://www.med.upenn.edu/educ_combdeg/md-ml.html)
- Master of Public Health (MPH) (http://www.med.upenn.edu/educ_combdeg/md-mph.html)
- Master of Science in Clinical Epidemiology (MSCE) (http://www.med.upenn.edu/educ_combdeg/md-msce.html)

Certificate Programs

- Clinical Ethics Mediation, Certificate (http://catalog.upenn.edu/graduate/programs/clinical-ethics-mediation-certificate)
- Health Care Innovation, Certificate (http://catalog.upenn.edu/graduate/programs/health-care-innovation-certificate)
- Medical Ethics, MSME (http://catalog.upenn.edu/graduate/programs/medical-ethics-msme)
- Medical Physics, MMP (http://catalog.upenn.edu/graduate/programs/medical-physics-mmp)
- Public Health, MPH (http://catalog.upenn.edu/graduate/programs/public-health-mp)

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MD/Master's Programs

- Master of Bioethics (MBE) (http://www.med.upenn.edu/educ_combdeg/md-mbe.html)
- Master of Business Administration (MBA) (http://www.med.upenn.edu/educ_combdeg/md-mba.html)
- Master in Law (ML), Health Law Track (http://www.med.upenn.edu/educ_combdeg/md-ml.html)
- Master of Public Health (MPH) (http://www.med.upenn.edu/educ_combdeg/md-mph.html)
- Master of Science in Clinical Epidemiology (MSCE) (http://www.med.upenn.edu/educ_combdeg/md-msce.html)
Programs

• Master of Science in Health Policy Research (MSHP) (http://www.med.upenn.edu/educ_combdeg/md-mshp.html)
• Master of Science in Medical Ethics (MSME) (http://www.med.upenn.edu/educ_combdeg/md-msme.html)
• Master of Science in Translational Research (MSTR) (http://www.med.upenn.edu/educ_combdeg/md-mtr.html)

MD/JD Program

• Juris Doctor (JD) Program (http://www.med.upenn.edu/educ_combdeg/md-jd.html)