

# PROGRAMS

---

## PhD Programs

- Bioengineering, PhD (<http://catalog.upenn.edu/graduate/programs/bioengineering-phd/>)
- Chemical and Biomolecular Engineering, PhD (<http://catalog.upenn.edu/graduate/programs/chemical-biomolecular-engineering-phd/>)
- Computer and Information Science, PhD (<http://catalog.upenn.edu/graduate/programs/computer-information-science-phd/>)
- Electrical and Systems Engineering, PhD (<http://catalog.upenn.edu/graduate/programs/electrical-systems-engineering-phd/>)
- Materials Science and Engineering, PhD (<http://catalog.upenn.edu/graduate/programs/materials-science-engineering-phd/>)
- Mechanical Engineering and Applied Mechanics, PhD (<http://catalog.upenn.edu/graduate/programs/mechanical-engineering-applied-mechanics-phd/>)

## Professional and Other Degree Programs

### Master's Programs

- Bioengineering, MSE (<http://catalog.upenn.edu/graduate/programs/bioengineering-mse/>)
- Biotechnology, MBIOT (<http://catalog.upenn.edu/graduate/programs/biotechnology-mbiot/>)
- Chemical & Biomolecular Engineering, MSE (<http://catalog.upenn.edu/graduate/programs/chemical-biomolecular-engineering-mse/>)
- 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 Graphics & Game Technology, MSE (<http://catalog.upenn.edu/graduate/programs/computer-graphics-game-technology-mse/>)
- Data Science, MSE (<http://catalog.upenn.edu/graduate/programs/data-science-mse/>)
- Electrical Engineering, MSE (<http://catalog.upenn.edu/graduate/programs/electrical-engineering-mse/>)
- 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/>)
- Materials Science and Engineering, MSE (<http://catalog.upenn.edu/graduate/programs/materials-science-engineering-mse/>)
- Mechanical Engineering & Applied Mechanics, MSE (<http://catalog.upenn.edu/graduate/programs/mechanical-engineering-applied-mechanics-mse/>)
- Nanotechnology, MSE (<http://catalog.upenn.edu/graduate/programs/nanotechnology-mse/>)
- Robotics, MSE (<http://catalog.upenn.edu/graduate/programs/robotics-mse/>)
- Scientific Computing, MSE (<http://catalog.upenn.edu/graduate/programs/scientific-computing-mse/>)
- Systems Engineering, MSE (<http://catalog.upenn.edu/graduate/programs/systems-engineering-mse/>)

### Certificate Programs

- Advanced Scientific Computing, Certificate (<http://catalog.upenn.edu/graduate/programs/advanced-scientific-computing-certificate/>)
- Computer Science Fundamentals, Certificate (<http://catalog.upenn.edu/graduate/programs/computer-science-fundamentals-certificate/>)
- Data Science, Certificate (<http://catalog.upenn.edu/graduate/programs/data-science-certificate/>)
- Engineering Entrepreneurship, Certificate (<http://catalog.upenn.edu/graduate/programs/engineering-entrepreneurship-certificate/>)
- Integrated Product Design, Certificate (<http://catalog.upenn.edu/graduate/programs/integrated-product-design-certificate/>)
- Software Systems, Certificate (<http://catalog.upenn.edu/graduate/programs/software-systems-certificate/>)