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-biomolecularengineering-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-engineeringapplied-mechanics-phd/)

Professional and Other Degree Programs

Master's Programs

- Artificial Intelligence, MSE (http://catalog.upenn.edu/graduate/ programs/artificial-intelligence-mse/)
- 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-biomolecularengineering-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-gametechnology-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-engineeringapplied-mechanics-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-scientificcomputing-certificate/)
- Artificial Intelligence, Certificate (http://catalog.upenn.edu/graduate/ programs/artificial-intelligence-certificate/)
- Computer Science Fundamentals, Certificate (http:// catalog.upenn.edu/graduate/programs/computer-sciencefundamentals-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/)