

Graduate Programs

Graduate Studies

NJIT offers advanced studies in numerous disciplines leading to master's degrees, doctoral degrees and graduate certificates. Programs are available to full-time students and to working professionals who may be interested in part-time study. Some programs are offered jointly or in cooperation with Rutgers-Newark and with RBHS as part of continuing collaborations. Graduate programs at NJIT are overseen by the Office of Graduate Studies (<http://www5.njit.edu/graduatestudies>), Fenster Hall, Room 140, 973-596-3462.

Graduate students are involved in the university's extensive research activities through association with renowned faculty, research centers and research laboratories. Financial support (<http://www5.njit.edu/graduatestudies/finaid.php>) is available through a variety of programs that permit eligible graduate students to become part of the teaching, administrative and research functions of the university. Other non-service-based support is also available.

Graduate Degrees

The doctoral and master's degree programs offered at NJIT are listed below. All doctoral programs lead to the Doctor of Philosophy (PhD) degree. Master's programs lead to either the Master of Arts (MA), Master of Arts in Teaching (MAT), Master of Architecture (M.Arch.), Master in Infrastructure Planning (MIP), Master of Public Health (MPH), Master of Science (MS), or the Master of Business Administration (MBA) degree, as indicated below. Numerous dual degree options (<http://www5.njit.edu/graduatestudies/program-options/ms-ms>) exist that allow dual use of courses in one degree program toward a second degree program. The Office of Graduate Studies (<http://www5.njit.edu/graduatestudies>) may be consulted about BS/MS, MS/MS, BS/PhD and similar combinations.

- Applied Mathematics (<http://math.njit.edu/academics/graduate/ms-appliedmath>) (MS)
- Applied Physics (<http://physics.njit.edu/academics/graduate>) (MS, PhD) joint with Rutgers-Newark
- Applied Statistics (<http://math.njit.edu/academics/graduate/ms-appliedstatistics>) (MS)
- Architecture (<http://architecture.njit.edu/academics/graduate/m-arch.php>) (M.Arch.)
- Architectural Studies (<http://architecture.njit.edu/academics/graduate/ms-arch.php>) (MS)
- Bioelectronics (<http://www.njit.edu/education/pdf/newmajors/ms-bioelectronics.pdf>) (MS)
- Biology (<http://biology.njit.edu/academics/graduate>) (MS, PhD) joint with Rutgers-Newark
- Biomedical Engineering (<http://biomedical.njit.edu/academics/graduate/masters.php>) (MS)
- Biomedical Engineering (<http://biomedical.njit.edu/academics/graduate/doctoral.php>) (PhD) joint with RBHS
- Biostatistics (<http://math.njit.edu/academics/graduate/ms-biostatistics.php>) (MS)
- Business and Information Systems (<http://is.njit.edu/academics/graduate/msbis>) (MS)
- Chemical Engineering (<http://chemicaleng.njit.edu>) (MS, PhD)
- Chemistry (<http://chemistry.njit.edu/academics/graduate>) (MS, PhD)
- Computational Biology (MS) joint with Rutgers-Newark
- Computing and Business (<http://cs.njit.edu/academics/graduate/mscb.php>) (MS)
- Computer Engineering (<http://ece.njit.edu/academics/graduate>) (MS, PhD)
- Computer Science (<http://ccs.njit.edu/ccsprogramms/graduate.php>) (MS, PhD)
- Civil Engineering (<http://civil.njit.edu/academics/graduate>) (MS, PhD)
- Electrical Engineering (<http://ece.njit.edu/academics/graduate>) (MS, PhD)
- Emergency Management & Business Continuity (<http://is.njit.edu/academics/graduate/msemabc>) (MS)
- Engineering Management (<http://mie.njit.edu/academics/graduate/ms-engineering-management.php>) (MS)
- Engineering Science (<http://engineering.njit.edu/ncepprogramms/ms-engineeringscience>) (MS)
- Enterprise Development (MS)
- Environmental Engineering (<http://civil.njit.edu/academics/graduate>) (MS, PhD)
- Environmental Policy Studies (MS)
- Environmental Science (<http://chemistry.njit.edu/academics/graduate>) (MS, PhD) joint with Rutgers-Newark
- Healthcare Systems Management (<http://mie.njit.edu/academics/graduate/ms-healthcare-systems.php>) (MS)
- History (<http://history.njit.edu/academics/graduate>) (MA, MAT) joint with Rutgers-Newark
- Industrial Engineering (<http://mie.njit.edu/academics/graduate>) (MS, PhD)
- Information Systems (<http://ccs.njit.edu/ccsprogramms/graduate.php>) (MS, PhD)
- Infrastructure Planning (<http://architecture.njit.edu/academics/graduate/mip.php>) (MIP)
- International Business (<http://management.njit.edu/academics/graduate>) (MS)
- Internet Engineering (<http://ece.njit.edu/academics/graduate/ms-internet.php>) (MS)

- Management (<http://management.njit.edu/academics/graduate/ms-management>) (MS)
- Management of Technology (<http://management.njit.edu/academics/graduate>) (MBA)
- Manufacturing Systems Engineering (<http://mie.njit.edu/academics/graduate/ms-manufacturing.php>) (MS)
- Materials Science and Engineering (<http://mtse.njit.edu>) (MS, PhD)
- Mathematical Sciences (<http://math.njit.edu/academics/graduate>) (PhD) joint with Rutgers-Newark
- Mechanical Engineering (<http://mie.njit.edu/academics/graduate>) (MS, PhD)
- Occupational Safety and Health Engineering (<http://mie.njit.edu/academics/graduate/ms-occupational-safety.php>) (MS)
- Pharmaceutical Engineering (<http://chemicaleng.njit.edu/academics/graduate/masters/pharm.php>) (MS)
- Power and Energy Systems (<http://ece.njit.edu/academics/graduate/ms-powerandenergy>) (MS)
- Professional and Technical Communication (<http://humanities.njit.edu/academics/graduate/ms-ptc.php>) (MS)
- Public Health (MPH) joint with Rutgers-Newark and RBHS
- Telecommunications (<http://ece.njit.edu/academics/graduate/ms-telecom.php>) (MS)
- Transportation (<http://civil.njit.edu/academics/graduate>) (MS, PhD)
- Urban Systems (<http://architecture.njit.edu/academics/graduate/phd-urbansystems.php>) (PhD) with joint Rutgers-Newark and RBHS

The Collaborative Doctorate

This PhD student option is designed to meet the workforce needs of the knowledge-dependent global economy of the 21st century recognizing the particular requirements of the practitioner. The Collaborative Doctorate is designed for engineers, executives, scientists, military personnel, state and federal government employees, and educators who want to pursue a PhD while continuing full-time employment. NJIT's PhD dissertation registration requirements enable qualified students in the program to focus primarily on meeting program milestones without other major conditions.

Details about this opportunity are available at <http://catalog.njit.edu/graduate/academic-policies-procedures/collaborative-doctorate/>.