Graduate Certificates

NJIT’s graduate certificates give students the opportunity to:

(a) improve their skills in their current occupation by developing expertise in advanced topics,
(b) acquire knowledge to pursue new careers, or
(c) explore emerging fields before committing to relevant master’s degree programs that require more courses.

Many students pursue a graduate certificate for personal growth or part-time.

Each certificate program contains 4 graduate courses (equivalent to a total of 12 graduate credits) that are normally part of the curriculum for a 30-credit Master’s degree program. After successful completion of a graduate certificate, a student may decide to continue studying at NJIT towards the corresponding Master’s degree by taking advantage of rapid matriculated acceptance and eventual acquisition of two credentials (essentially for the price of the Master’s degree).

Graduate Certificates are available in:

<table>
<thead>
<tr>
<th>Certificate Name</th>
<th>Industry</th>
<th>College</th>
<th>Dept</th>
<th>Advisor</th>
<th>Related MS</th>
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<td>Biomedical Device Development</td>
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<td>NCE (<a href="http://engineering.njit.edu">http://engineering.njit.edu</a>)</td>
<td>BMED (<a href="http://biomedical.njit.edu">http://biomedical.njit.edu</a>)</td>
<td>Max Roman</td>
<td>BMED (<a href="http://catalog.njit.edu/graduate/newark-college-engineering/biomedical/ms">http://catalog.njit.edu/graduate/newark-college-engineering/biomedical/ms</a>)</td>
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<td>Biostatistics Essentials</td>
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<td>CSLA (<a href="http://csla.njit.edu">http://csla.njit.edu</a>)</td>
<td>MATH (<a href="http://math.njit.edu">http://math.njit.edu</a>)</td>
<td>S. Subramanian</td>
<td>BSTA (<a href="http://catalog.njit.edu/graduate/science-liberal-arts/mathematical-">http://catalog.njit.edu/graduate/science-liberal-arts/mathematical-</a></td>
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<td>Construction Management</td>
<td>Civil Engineering</td>
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For more information on each program, please visit the respective websites or contact the following individuals:


For Civil Engineering, visit the following:

- NCE (http://engineering.njit.edu)
- CEE (http://civil.njit.edu)
- Heidi Young (http://directory.njit.edu/PersDetails.aspx?persid=hyoung)

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- CEE (http://civil.njit.edu)
- Heidi Young (http://directory.njt...
Financial Mathematics
(https://www5.njit.edu/graduatestudies/degree-programs/graduatecertificates/financial-mathematics)

Information Security
(https://www5.njit.edu/graduatestudies/degree-programs/graduatecertificates/information-security-cert)

Instructional Design, Evaluation
(https://www5.njit.edu/graduatestudies/degree-programs/graduatecertificates/instructional-design-evaluation-assessment-cert)

Intelligent Transportation Systems
(https://www5.njit.edu/graduatestudies/degree-programs/graduatecertificates/intelligent-transportation-systems)

International Commerce
International Business

IT Administration
(https://www5.njit.edu/graduatestudies/degree-programs/graduatecertificates/it-administration-cert)
Management Certificates

**Management Essentials**
- Management, Business
- SOM (http://management.njit.edu)
- MGMT (https://management.njit.edu)
- Cheickna Sylla (http://directory.njit.edu/PersDetails.aspx?persid=sylla)

**Management of Technology**
- Management, Business
- SOM (http://management.njit.edu)
- MGMT (https://management.njit.edu)
- Cheickna Sylla (http://directory.njit.edu/PersDetails.aspx?persid=sylla)

**Network Security and Information Assurance**
- Computing, Network Security
- CCS (http://ccs.njit.edu)
- IS (http://is.njit.edu)
- George Olsen (http://directory.njit.edu/PersDetails.aspx?persid=golsen)

**Pharmaceutical Management**
- Management, Pharma, FDA
- NCE (http://engineering.njit.edu)
- CPBE (http://chemicaleng.njit.edu)
- Piero Armenante (http://directory.njit.edu/PersDetails.aspx?persid=armenant)

**Pharmaceutical Management (Pharmaceutical Systems Management)**
- MGMT (http://catalog.njit.edu/graduate/management/management/ms/MBA)
- BIS (http://catalog.njit.edu/graduate/computing-sciences/information-systems/business-information-systems/ms)
Pharmaceutical Manufacturing
(http://www5.njit.edu/graduatestudies/degree-programs/graduatecertificates/pharmaceutical-manufacturing-cert)

- Drug Manufacturing, FDA NCE (http://engineering.njit.edu) CPBE (http://chemicaleng.njit.edu)
  - Piero Armenante (http://directory.njit.edu/PersDetails.aspx?persid=armenant)
  - PHEN (http://catalog.njit.edu/graduate/newark-college-engineering/chemical-biological-pharmaceutical/pharmaceutical-ms)

Pharmaceutical Technology
(http://www5.njit.edu/graduatestudies/degree-programs/graduatecertificates/pharmaceutical-technology-cert)

  - Piero Armenante (http://directory.njit.edu/PersDetails.aspx?persid=armenant)
  - PHEN (http://catalog.njit.edu/graduate/newark-college-engineering/chemical-biological-pharmaceutical/pharmaceutical-ms)

Power Systems Engineering
(http://www5.njit.edu/graduatestudies/degree-programs/graduatecertificates/power-systems-engineering-cert)

- Power and Energy NCE (http://engineering.njit.edu) ECE (http://ece.njit.edu)
  - Mengchou Zhou (http://ece.njit.edu/people/zhou.php)
  - EE (http://catalog.njit.edu/graduate/newark-college-engineering/electrical-computer/electrical-ms/PES
  (http://catalog.njit.edu/graduate/newark-college-engineering/electrical-computer/power-energy-systems-ms)
  - EM (http://catalog.njit.edu/graduate/newark-college-engineering/mechanical-industrial/engineering-management-ms)
  - MTCF (http://math.njit.edu/academics/graduate/ms-computationalfinance)

Project Management
(http://www5.njit.edu/graduatestudies/degree-programs/graduatecertificates/project-management-cert)

  - EM (http://catalog.njit.edu/graduate/newark-college-engineering/mechanical-industrial/engineering-management-ms)
  - MTCF (http://math.njit.edu/academics/graduate/ms-computationalfinance)

Quantitative Tools in Finance
(http://www5.njit.edu/graduatestudies/degree-programs/graduatecertificates/quantitative-tools-finance)

  - Andrew Pole (http://directory.njit.edu/PersDetails.aspx?persid=pole)
  - MTCF (http://math.njit.edu/academics/graduate/ms-computationalfinance)

Social Media Essentials
(http://www5.njit.edu/graduatestudies/degree-programs/graduatecertificates/social-media-essentials-cert)

- Digital Media, Social Media CSLA (https://csla.njit.edu) HUM (http://humanities.njit.edu)
  - Andrew Klobucar (http://directory.njit.edu/PersDetails.aspx?persid=klobucar)
  - PTC (http://catalog.njit.edu/graduate/science-liberal-arts/humanities/professional-technical-communication-ms)
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