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:

### Full List of Graduate Certificates

<table>
<thead>
<tr>
<th>Certificate Name</th>
<th>Industry</th>
<th>College</th>
<th>Dept</th>
<th>Advisor</th>
<th>Related MS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Certificate Title</td>
<td>Area</td>
<td>Department</td>
<td>Website</td>
<td>Instructor</td>
<td>Program Website</td>
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<td></td>
<td>CBUS (<a href="http://catalog.njit.edu/graduate/computing-sciences/computer-science/computing-business-ms">http://catalog.njit.edu/graduate/computing-sciences/computer-science/computing-business-ms</a>)</td>
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<tr>
<td>Construction Management</td>
<td>Civil Engineering</td>
<td>NCE (<a href="http://engineering.njit.edu">http://engineering.njit.edu</a>)</td>
<td>CEE (<a href="http://civil.njit.edu">http://civil.njit.edu</a>)</td>
<td>Heidi Young</td>
<td>CE (<a href="http://catalog.njit.edu/graduate/newark-college-engineering/civil-environmental/civil-ms">http://catalog.njit.edu/graduate/newark-college-engineering/civil-environmental/civil-ms</a>)</td>
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<td>EM (<a href="http://catalog.njit.edu/graduate/newark-college-engineering/mechanical-industrial/engineering-management-ms">http://catalog.njit.edu/graduate/newark-college-engineering/mechanical-industrial/engineering-management-ms</a>)</td>
</tr>
<tr>
<td>Data Mining</td>
<td>Computing, Databases</td>
<td>YWCC (<a href="http://ccs.njit.edu">http://ccs.njit.edu</a>)</td>
<td>IS (<a href="http://is.njit.edu">http://is.njit.edu</a>)</td>
<td>George Olsen</td>
<td>CS (<a href="http://catalog.njit.edu/graduate/computing-sciences/computer-science/ms">http://catalog.njit.edu/graduate/computing-sciences/computer-science/ms</a>)</td>
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<td></td>
<td>IS (<a href="http://catalog.njit.edu/graduate/computing-sciences/information-systems/ms">http://catalog.njit.edu/graduate/computing-sciences/information-systems/ms</a>)</td>
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<td>BIS (<a href="http://catalog.njit.edu/graduate/computing-sciences/information-systems/business-information-systems-cms">http://catalog.njit.edu/graduate/computing-sciences/information-systems/business-information-systems-cms</a>)</td>
</tr>
</tbody>
</table>
Financial Mathematics  
(http://www5.njit.edu/graduatestudies/degree-programs/graduatecertificates/financial-mathematics)  
New!  
Applied Mathematics, Finance  
CSLA (http://csla.njit.edu)  
MATH (http://math.njit.edu)  
Andrew Pole (http://directory.njit.edu/PersDetails.aspx?persid=pole)  
MTCF (http://academics/graduate/ms-computationalfinance)

Information Security  
(http://www5.njit.edu/graduatestudies/degree-programs/graduatecertificates/information-security-cert)  
New!  
Computing, Network Security  
YWCC (http://ccs.njit.edu)  
IS (http://is.njit.edu)  
George Olsen (http://directory.njit.edu/PersDetails.aspx?persid=golsen)  
CSP (http://catalog.njit.edu/graduate/computing-sciences/computer-science/cyber-security-privacy-ms)/IS (http://catalog.njit.edu/graduate/computing-sciences/information-systems/ms)/ITAS (http://catalog.njit.edu/graduate/computing-sciences/information-technology/administration-security-ms)

Instructional Design, Evaluation  
(http://www5.njit.edu/graduatestudies/degree-programs/graduatecertificates/instructional-design-evaluation-assessment-cert)  
New!  
Education, Digital Trainers  
CSLA (http://csla.njit.edu)  
HUM (http://humantities.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)

Intelligent Transportation Systems  
(http://www5.njit.edu/graduatestudies/degree-programs/graduatecertificates/intelligent-transportation-systems)  
New!  
Transportation, Civil Engineer  
NCE (http://civil.njit.edu)  
CEE (http://civil.njit.edu)  
Joyoung Lee (http://civil.njit.edu/people/Lee.php)  
TRAN (http://catalog.njit.edu/graduate/newark-college-engineering/civil-environmental/transportation-ms)

IT Administration  
(http://www5.njit.edu/graduatestudies/degree-programs/graduatecertificates/it-administration-cert)  
New!  
Computing, Network Security  
YWCC (https://ccs.njit.edu)  
IT (http://it.njit.edu)  
ITAS (http://catalog.njit.edu/graduate/computing-sciences/information-technology/administration-security-ms)
<table>
<thead>
<tr>
<th>Certificate</th>
<th>Program</th>
<th>School</th>
<th>Website</th>
<th>Contact</th>
<th>Title</th>
<th>Website</th>
<th>Contact</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>Management Essentials</td>
<td>Management, Business</td>
<td>SOM</td>
<td>MGMT</td>
<td>Cheickna Sylla</td>
<td>MGMT</td>
<td>Management, Business</td>
<td>SOM</td>
<td>MGMT</td>
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<tr>
<td>Management of Technology</td>
<td>Management, Business</td>
<td>SOM</td>
<td>MGMT</td>
<td>Cheickna Sylla</td>
<td>MGMT</td>
<td>Management, Business</td>
<td>SOM</td>
<td>MGMT</td>
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<tr>
<td>Pharmaceutical Management</td>
<td>Management, Pharma, FDA</td>
<td>NCE</td>
<td>CPBE</td>
<td>Piero Armenante</td>
<td>PSM</td>
<td>Management, Pharma, FDA</td>
<td>NCE</td>
<td>CPBE</td>
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</tbody>
</table>
Graduate Certificates

**Pharmaceutical Manufacturing**
(http://www5.njit.edu/graduatestudies/degree-programs/graduatecertificates/pharmaceutical-manufacturing-cert)


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


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


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


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


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


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


New!
Graduate Certificates

**Software Engineering, Analysis, and Design**
- [Software Development](http://www5.njit.edu/graduatestudies/degree-programs/graduatedegrees/software-engineering-analysis-design-cert)
- [YWCC](http://ccs.njit.edu)
- [IS](http://directory.njit.edu/PersDetails.aspx?persid=golsen)

**Supply Chain Engineering**
- [Industrial Engineering](http://www5.njit.edu/graduatestudies/degree-programs/graduatedegrees/supply-chain-engineering)
- [NCE](http://engineering.njit.edu)
- [MIE](http://mie.njit.edu)
- [Sanchoy Das](http://mie.njit.edu/people/das.php)

**Technical Communication Essentials**
- [Writers, Editors, Digital Media](http://www5.njit.edu/graduatestudies/degree-programs/graduatedegrees/technical-communication-cert)
- [CSLA](http://csla.njit.edu)
- [HUM](http://humanities.njit.edu)
- [Andrew Klobucar](http://directory.njit.edu/PersDetails.aspx?persid=klobucar)

**Transportation Studies**
- [Transportation Engineer](http://www5.njit.edu/graduatestudies/degree-programs/graduatedegrees/transportation-studies-cert)
- [NCE](http://engineering.njit.edu)
- [CEE](http://civil.njit.edu)
- [I Jy Steven Chien](http://directory.njit.edu/PersDetails.aspx?persid=chien)

**User Experience Essentials**
- [Digital Designers, UX Design](https://www.njit.edu/graduatestudies/degree-programs/graduatedegrees/user-experience-essentials)
- [CSLA](http://csla.njit.edu)
- [HUM](http://humanities.njit.edu)
- [Andrew Klobucar](http://directory.njit.edu/PersDetails.aspx?persid=klobucar)

* available online