

# Graduate Certificate: Industrial and Systems Engineering

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## COLLEGE OF ENGINEERING

Learn more about the graduate certificate in Industrial and Systems Engineering.

### About the Certificate

This combined certificate provides students with the foundational tools necessary to manage all the moving parts of a large technical project or organization using data-driven decision making. Obtain the confidence to lead technical teams on complex projects while maintaining quality and cost control and meeting project requirements. The certificate can be “stacked” along with other graduate certificates and an integrative capstone project to earn the Master of Engineering (MEng) degree.

**Campus Location:** Online

**Full-Time/Part-Time Status:** The graduate certificate can be completed on a part-time basis. NOTE: International students may not be eligible to apply for a student visa based on admission to the certificate program. Please contact the College of Engineering's admissions advisor for more information.

**Time Limit for Certificate Completion:** 3 years

### Admission Requirements and Deadlines

#### Application Deadline:

Fall: June 1

Spring: November 1

**International students may not be eligible to apply for a student visa based on admission to this certificate program.**

*APPLY ONLINE to this graduate program.*

**Bachelor's Degree in Discipline/Related Discipline:** All applicants must present credentials that are the equivalent of the appropriate baccalaureate degree at Temple University.

### Certificate Requirements

*Number of Credits Required to Complete the Certificate: 9*

*Required Courses:*

Code	Title	Credit Hours
ISE 5101	Probability and Statistics for Industrial and Systems Engineering	1.5
ISE 5102	Data Analytics for Engineers	1.5
ISE 5111	Introduction to Linear Optimization	1.5
ISE 5112	Advanced Optimization Models in Engineering	1.5
ISE 5116	Engineering Decision Analysis	1.5
ISE 5118	Multi-Attribute Engineering Decision Analysis	1.5
<b>Total Credit Hours</b>		<b>9</b>

### Contacts

#### Certificate Program Web Address:

<https://www.temple.edu/academics/degree-programs/industrial-and-systems-engineering-certificate-graduate-en-ise-grad>

#### Department Contacts:

*Program Director:*

Julie Drzymalski

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*Admissions:*

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