

Master of Science in Engineering Science

Design your own personal Master of Science in Engineering Science degree from Rensselaer, one that fits your specific career and educational goals.

As a leader, you have aspirations – and for those aspirations to become a reality, you have to address the gaps in your education and experience. With a Rensselaer Master of Science in Engineering Science degree, you'll receive precisely the theoretical knowledge and practical application you need to change the world.

After you complete your choice of three certificates, you execute an Integrative Project that brings together everything you've learned in the individual certificates into a comprehensive whole.

Designed for working professionals, the program is taught by Rensselaer's outstanding and high-ranked engineering faculty. It provides opportunities to learn through application, often choosing projects that help propel you forward in your career.

Are you ready to change the world? Then Rensselaer's Master of Science in Engineering Science is right for you.

Degree Information:

The program results in a Master of Science in Engineering Science degree from Rensselaer Polytechnic Institute.

Apply and enroll in the first certificate of your choice to get started; you can opt in or out of the Engineering Science program at any time before starting the Integrative Project.

Some certificates have admissions requirements and restrictions. Talk to a member of our enrollment management team to get started.

The inventory of certificates changes over time. Visit ewp.rpi.edu for current offerings.

Accelerated Application Process:

A dedicated admissions officer will guide you through the process from start to finish as you prepare and submit required application components.

An admissions decision will be made within 2 weeks of application submission.

To get started, contact Education for Working Professionals Enrollment:

Email us: ewp@rpi.edu

Call us: 860-548-5331

Visit us online: ewp.rpi.edu

Online Application Requirements:

- Application
- Resume
- Personal Statement
- \$75 Application fee

Additional Requirements:

- Official Transcripts
- Two letters of recommendation



Rensselaer

why not change the world?®

Education for Working Professionals

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Business Intelligence

ENGR 6200:
Data-driven Decision Making

ENGR 6215:
Business Intelligence Analysis

ENGR 6216:
Modeling Business Decisions



Health Analytics

ENGR 6200:
Data-driven Decision Making

ENGR 6210:
Health Industry Analysis

ENGR 6211:
Modeling Health Decisions



Production Analytics

ENGR 6200:
Data-driven Decision Making

ENGR 6205:
Production & Logistics Analysis

ENGR 6206:
Modeling Production Decisions

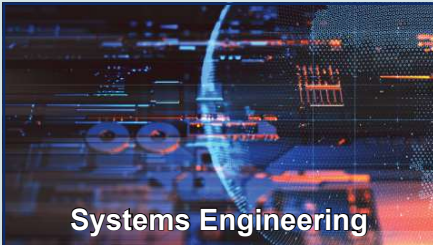


Lean Quality In Production

ENGR 6230:
Lean Six Sigma I

ENGR 6231:
Lean Six Sigma II

ISYE 6970:
Professional Project



Systems Engineering

ENGR 6100:
Business Issues for Engineers
and Scientists

ISYE 6610:
Systems Modeling in Decision
Sciences

ISYE 6620:
Discrete Event Simulation



Machine Learning & Artificial Intelligence

ENGR 6220:
Data Architecture

ENGR 6221:
Machine Learning Frameworks

ENGR 6222:
Deep Learning in AI Systems

Call us at 860.548.2403 or email us at ewp@rpi.edu to review your interest in the program.