

Develop the skills and experience to efficiently manage systems, solve problems, and improve processes.

Through a partnership with Stevens Institute of Technology, Georgetown's Master of Professional Studies in Systems Engineering Management program offers a powerful blend of engineering principles and applied management experience. Students learn from top industry experts as they study complex systems around the world and build their skills through a curriculum rooted in application, collaboration, and innovation.

Georgetown's program not only provides students with a comprehensive understanding across the broad field of systems engineering, but it also equips them with the contemporary skills and practical experience they need to successfully streamline processes, drive innovation, and manage some of the world's most critical challenges.

PROGRAM FEATURES

- **Practical Application:** Cultivate strategic thinking skills and gain real-world experience addressing challenges that affect various industries.
- **Multidisciplinary Approach:** Develop both leadership and technical skills that are essential to executing and managing high-level projects.
- **Industry Advancement:** Participate in and contribute to cutting-edge research and industry innovation.
- **Leading Experts:** Learn from top systems engineering professionals who bring their experience and industry connections to the classroom.
- **A Unique Partnership:** Gain top engineering and technology expertise from the Stevens Institute of Technology while developing practical, applied management and leadership skills from Georgetown University.

CAREER OUTLOOK

A master's degree in systems engineering management opens the door to a wide range of career options. Employees working in this field must be strategic decision-makers who possess strong communication and leadership skills and can successfully manage complex, versatile systems.

Georgetown's program equips students with a complete toolset that allows them to work across disciplinary boundaries, enabling endless career possibilities and placing them in high demand in a growing marketplace. Potential career fields include:

- Business
- Government
- Communications
- Energy
- Environment
- Finance
- Healthcare
- Information technology
- Transportation
- Software development

ARE YOU A VETERAN?

Georgetown supports veterans through the Yellow Ribbon Benefit Program. Visit va.gov to learn more.



CURRICULUM

The Master of Professional Studies in Systems Engineering Management degree requires 10 courses (30 credits total) to complete, including:

Core Courses (Required) 3 credits

- Ethics

Capstone (Required) 3 credits

Foundational Courses (Required) 12 credits

- Fundamentals of Systems Engineering
- System Architecture and Design
- Systems Integration
- Project Management of Complex Systems

Elective Courses 12 credits

Students can choose from a range of elective focus areas, including sociotechnical systems, decision management, data systems, organizational complexity/change management, public sector, financial systems, and healthcare systems.

WHO SHOULD APPLY?

- Professionals who currently work in the technical consulting field or in related fields and seek a master's degree to continue to advance in their careers.
- Those who are passionate about the development and management of complex systems and who are interested in pursuing a career in systems engineering.
- Those who want to guide the industry forward by exploring how systems can be used for innovation and for solving large-scale challenges around the world.

EARN YOUR
MASTER'S DEGREE IN
Systems Engineering
Management

APPLICATION DEADLINES

Visit our admissions page for more information about application deadlines and applying online.

TUITION

Educational expenses are assessed each semester based on the number of credits for which you are registered. Visit our website for current tuition rates.

FOR APPLICATION INFORMATION
AND TO APPLY, VISIT:
scs.georgetown.edu/mpssem