THE GEORGE WASHINGTON UNIVERSITY

WASHINGTON, DC

online.engineering.gwu.edu

DOCTOR OF PHILOSOPHY

Systems Engineering

PROGRAM OVERVIEW

This online Ph.D. program emphasizes a multidisciplinary approach, teaching students to design and manage intricate systems, blend theoretical and applied aspects of engineering, management, and technical skill application. The program aims not only to deepen students' expertise in systems engineering but also to cultivate their analytical, leadership, and research skills, preparing them for roles as innovators and leaders in academia, industry, and research institutions.

100% LIVE ONLINE

Get a high-quality GWU Engineering degree wherever you are, delivered by world-class faculty.

ENHANCE YOUR CAREER

Grow a global network through a top-tier engineering program. Boost your professional potential!

AFFORDABLE

Tuition is significantly less than on-campus. Plus, any textbook and software you need is included in your tuition.

APPLYING IS EASY

GRE is not required (but can enchance your application) and there are no application fees.

Nationally-ranked program
#8 BY U.S. NEWS

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CURRICULUM

The program consists of 24 credit hours of coursework and 30 credit hours of research, totaling the 54 credit hours required for completion. The entire program is offered online and class attendance is required. Tuition is $1,700 per credit hour for 2025-2026.

COURSE LIST

The classroom phase courses will cover the following topics:

- Uncertainty Modeling
- Computational Modeling
- Advances in Systems Engineering
- Systems Integration
- Digital Engineering
- Dissertation Development for the Doctor of Philosophy in Systems Engineering

We want to see you SUCCEED

Our office takes care of your course registration and planning. This is just one example of our committment to supporting you throughout your program. Questions? Let us know!

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