



WORCESTER POLYTECHNIC INSTITUTE

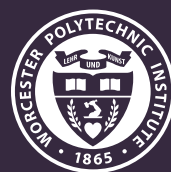
# SYSTEMS ENGINEERING

▶ Online PhD Program

## DEGREE HIGHLIGHTS

- ▶ Complete entire degree online
- ▶ Designed for part-time students
- ▶ No residency or campus requirements

[bit.ly/wpi-se-phd](http://bit.ly/wpi-se-phd)



# WPI

# SYSTEMS ENGINEERING

## PhD Program

### Doctor of Philosophy (60 credits)

Demand is soaring for systems engineers, as organizations across many industries are recognizing that complex engineering initiatives must be holistically designed and managed. From developing and directing logistics, schedules, risks, and opportunities, to leading teams and coordinating operations, systems engineers bring clarity and structure to these processes. WPI's online PhD in Systems Engineering program draws on the university's strengths in engineering, science, and management to prepare professionals who can integrate the technical and human-centered processes of this multifaceted discipline.

Getting your PhD in Systems Engineering from WPI prepares you for more challenging opportunities in both industry and advanced research.

#### MINOR REQUIREMENTS

*Selected in consultation with a Research Advisor*

**Minor 1:** A minimum of 12 credit hours of thematically related graduate courses selected from the areas of Science (including Computer Science), Mathematics, and Engineering

**Minor 2:** A minimum of 9 credit hours of thematically related courses, in any area

#### RESEARCH REQUIREMENTS

A minimum of 30 credits registered as SYS 699. Dissertation Research

#### EXAM REQUIREMENTS

**Qualifying Exam:** Taken no later than 18 credits beyond the MS Program

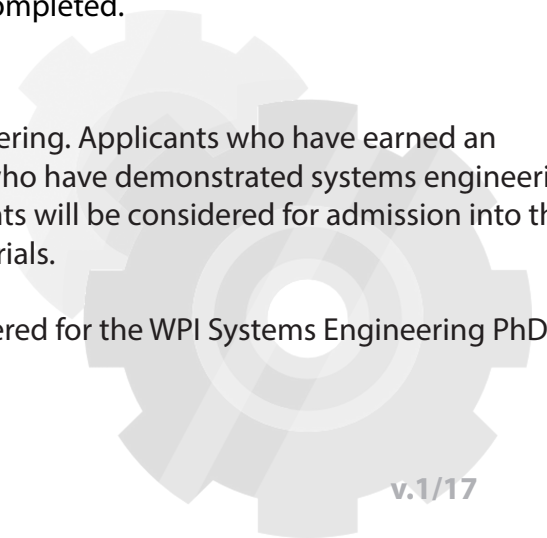
**Area Examination:** Taken after the Qualifying Exam and no later than 42 credit hours after matriculation into the PhD program

**Defense:** A public defense of the final PhD dissertation research is required. The defense can be scheduled any time after the end of the term in which the Area Examination was completed.

#### PREFERRED PROGRAM APPLICANTS

The preferred program applicant will have an MS in Systems Engineering. Applicants who have earned an engineering master's degree, but not in systems engineering, and who have demonstrated systems engineering work experience, are also strongly encouraged to apply. All applicants will be considered for admission into the PhD program based on a thorough review of their application materials.

Students who have not yet earned an MS degree will not be considered for the WPI Systems Engineering PhD program until completion of the MS program.



CORPORATE AND PROFESSIONAL EDUCATION

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