

# DOCTOR OF PHILOSOPHY IN THE FIELD OF SYSTEMS ENGINEERING

## REQUIREMENTS

Specific admission requirements are shown on the Graduate Program Finder (<http://www.gwu.edu/all-graduate-programs>).

The following requirements must be fulfilled:

The general requirements stated under School of Engineering, Doctoral Program Regulations (<http://bulletin.gwu.edu/engineering-applied-science/#seasregulationstext>)

Students with an MS degree must take a minimum of 54 credits, of which at least 30 must be credits from courses available for graduate credit, and at least 24 must be dissertation research credits. The courses to be taken by the student must be approved by the student's advisor. Students with a BS degree must take a minimum of 78 credits, consisting of 54 credits of graduate coursework and at least 24 credits of dissertation research. The courses to be taken by the student must be approved by the student's advisor. In some cases, particularly when the student undertakes a doctoral program in a field other than that in which the earlier degree was earned, the program of study exceeds the minimum number of credits.

No specific courses are required beyond the preparatory courses. The student and advisor design the curriculum to meet the student's needs and goals.

### Preparatory courses

MATH 1231	Single-Variable Calculus I
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MATH 1232	Single-Variable Calculus II
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APSC 3115	Engineering Analysis III
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### Other requirements

Qualifying examinations
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Proposal defense

Final examination
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Post-graduate survey

Visit the program website (<http://bulletin.gwu.edu/engineering-applied-science/engineering-management-systems-engineering/phd-systems-engineering>) for additional information.