



# NAVAL POSTGRADUATE SCHOOL

## SYSTEMS ENGINEERING

EST. 2002

Apply [ONLINE](#) and ensure that all official transcripts are received by: **31 March, 2025**. For more details, please visit our [website](#).

Call for Applicants!

### Systems Engineering Non-Resident Master's Degree with Model-Based Systems Engineering design and Development focus

Commencing the week of 7 July, 2025

Sponsor Code: Open Enrollment (311-2540)

The Naval Postgraduate School's (NPS) Department of Systems Engineering is pleased to announce the offering of a two-year Systems Engineering Non-Resident Master's degree program with **MBSE and System of Systems focus** commencing **the week of 7 July, 2025**. The program is open to qualified uniformed officers, federal employees and a limited number of defense contractors.

#### Delivery

The SE Non-Resident Master's degree is a part-time distance learning program. Courses are delivered synchronously using Zoom.Gov or MS Teams web-conferencing tools. Classes will be on **Wednesdays and Fridays 0800-1100 Pacific Time**. To participate, students need Internet access and a PC microphone. A PC camera is optional. No special software is required for either tool.

#### Degree

Students earn an ABET MS in Systems Engineering (if ABET undergraduate engineering degree or equivalent) or a MS in Engineering Systems (all others). Students also earn academic certificates in Systems Engineering, Systems Capability & Mission Engineering, and MBSE Design & Development.

#### Entry Requirements

- BS in Engineering or related discipline
- GPA of 2.6 GPA or better
- College calculus sequence

#### Tuition

The tuition price is \$2,750 per course. NPS is mission funded for qualified active-duty Navy and Marine Corps officers (tuition free). Students or commands are expected to purchase books. To include books, add \$250 fixed price per course.

#### To apply

Applicants should visit [NPS ONLINE](#) and enter 311 in search field. The 311 Systems Engineering link will be provided and will direct you to [SE Non-Resident Master's](#) located in the Naval Engineering program area and then select [Apply Now](#). Candidates are applying for Academic Year 2025, Quarter 4 and should type the sponsor code of 311-2540 in the Comments section of the application. The application deadline is **31 March, 2025**.

### 311 Systems Engineering Curriculum Lineup

Qtr	Year/Qtr	Course Number and Title	
1	AY25/Summer	OS3180 - Probability and Statistics for SE	SE3050 - Intro to Digital Engineering with MBSE
2	AY26/Fall	SE3100 - Fundamentals of Systems Engineering	SE3011 - Engineering Economics & Cost Estimation
3	AY26/Winter	SI3400 - Fundamentals of Eng Project Management	SE3250 - Capability Engineering
4	AY26/Spring	SE3302 - System Suitability	SE4354 - Verification & Validation
5	AY26/Summer	SE4003 - Systems Software Engineering	SE4150 - Systems Architecting and Design
6	AY27/Fall	SE3201 - Engineering Systems Conceptualization	SE4151 - System Integration and Development
7	AY27/Winter	SE3202 - Engineering Systems Design	SE4420 - Modeling and Simulation in Acquisition
8	AY27/Spring	SE3203 - Eng Systems Implementation and Operation	SE4930 - Model-Based Systems Engineering
Systems Engineering Certificate (282)		Systems Capability & Mission Engineering Certificate (131)	MBSE Design & Development Certificate (133)
			Systems Engineering Capstone Sequence

For more information, visit the [program website](#) or contact:

Program Manager, Dr. Wally Owen [wowen@nps.edu](mailto:wowen@nps.edu) or

Deputy Associate Chair for Marketing, Outreach and Marketing, Dr. Warren Vaneman, [wvaneman@nps.edu](mailto:wvaneman@nps.edu) or

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