



NAVAL POSTGRADUATE SCHOOL

SYSTEMS ENGINEERING

EST. 2002

Apply [ONLINE](#) and ensure that all official transcripts are received by: **30 September 2024** For more details, please visit our [website](#).

Call for Applicants!

Systems Engineering Non-Resident Master's Degree with Model-Based Systems Engineering and System of Systems focus Commencing Tuesday 7 January 2025

Program Delivered via Distance Learning

Sponsor Code: Open Enrollment (311-2520)

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 Tuesday **7 January 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 **Tuesdays and Thursdays from 1200-1500 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 with minimum 2.6 GPA
- 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.

Note: SE offers tiered pricing options to sponsors who commit to fund a cohort of 25 students or who fund 50 or more students in any combination of our DL programs. For details, refer to AY25 SE-DL pricing guide or contact Dr. Wally Owen.

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 2 and should type the sponsor code of 311-2520 in the Comments section of the application. The application deadline is **30 September 2024**.

311 Systems Engineering Curriculum Lineup

Qtr	Year/Qtr	Course Number and Title	
1	AY25/Winter	OS3180- Probability and Statistics for SE	SE3050- Intro to Digital Engineering with MBSE
2	AY25/Spring	SE3100- Fundamentals of Systems Engineering	SE3011- Engineering Economics & Cost Estimation
3	AY25/Summer	SI3400- Fundamentals of Eng Project Management	SE3250- Capability Engineering
4	AY26/Fall	SE3302- System Suitability	SE4354- Verification & Validation
5	AY26/Winter	SE4003- Systems Software Engineering	SE4150- Systems Architecting and Design
6	AY26/Spring	SE3201- Engineering Systems Conceptualization	SE4151- System Integration and Development
7	AY26/Summer	SE3202- Engineering Systems Design	SE4930- Model-Based Systems Engineering
8	AY27/Fall	SE3203- Eng Systems Implementation and Operation	SE4950- System of 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 the 311 Program Manager, Dr. Wally Owen wowen@nps.edu or the Deputy Associate Chair for Marketing, Outreach and Marketing, Dr. Warren Vaneman, wvaneman@nps.edu.