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Call for Applicants!

Systems Engineering Non-Resident Master's Degree with MBSE Design & Development focus

Commencing Thursday, 6 July 2023

Program Delivered via Distance Learning

Sponsor Code: Open Enrollment (311-2340)

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 Design and Development focus** commencing Thursday, **6 July 2023**. 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 who successfully complete the program 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 a Certificate in Systems Engineering.

Entry Requirements

- BS in Engineering or related discipline with minimum 2.2 GPA
- At least one (1) college calculus course

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 AY23 SE-DL pricing guide or contact Dr. Wally Owen.

To apply

Applicants should visit the [SE Non-Res website](#) and under the Quick Links, select [Apply Now](#). The SE Non-Resident program is Curriculum 311. Candidates are applying for Academic Year 2023, Quarter 4 and should type the sponsor code of 311-2340 in the Comments section of the application. A Participation Agreement signed by a Command/Company Authorizing official is also required. The application deadline is **27 March 2023**.

311 Course Lineup*

Qtr	Year/Qtr	Course Title	
1	AY23/Summer	OS3180- Probability and Statistics for SE (4-1)	SE3050- Intro to Digital Engineering with MBSE (3-2)
2	AY24/Fall	SE3100- Fundamentals of Systems Engineering (3-2)	SE3011- Eng Economics and Cost Estimation (3-0)
3	AY24/Winter	SI3400- Fundamentals of Eng Project Management (3-2)	SE3250- Capability Engineering (3-2)
4	AY24/Spring	SE3302- System Suitability (3-2)	SE4354- Systems Test & Evaluation (4-0)
5	AY24/Summer	SE3910- Systems Evolution & Technology Mgmt (4-0)	SE4150- Systems Architecting and Design (3-2)
6	AY25/Fall	SE3201- Engineering Systems Conceptualization (2-4)	SE4151- System Integration and Development (3-2)
7	AY25/Winter	SE3202- Engineering Systems Design (2-4)	SE4420- Modeling & Simulation in Acquisition (3-2)
8	AY25/Spring	SE3203- Eng Systems Implementation and Operation (2-4)	SE4930- Model-Based Systems Engineering (3-2)

* New lineup is effective Spring AY23 with new stackable certificate degree components highlighted.

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 Officer, Dr. Wally Owen wowen@nps.edu, the 311 Academic Associate, Dr. Raymond Madachy rjmadach@nps.edu, or the Graduate Center for Advanced Education Student Coordinator GEACStudCoord@nps.edu.