



NAVAL POSTGRADUATE SCHOOL

SYSTEMS ENGINEERING

EST. 2002

Apply [ONLINE](#) and ensure that all official transcripts are received by: **19 October 2018** For more details, please visit our

Call for Applicants!

Systems Engineering Non-Resident Master's Degree with M&S Domain Track Commencing Tuesday 8 January 2019

Program Delivered via Distance Learning

Sponsor Code: NSWC-CRANE (311-192N)

The Naval Postgraduate School's (NPS) Department of Systems Engineering and Naval Surface Warfare Center Crane are pleased to announce the offering of a three year Systems Engineering Non-Resident Master's degree program with a Modeling & Simulation domain track commencing **Tuesday 8 January 2019**. The program is limited to NSWC-Crane employees (federal civilians and uniformed officers).

Delivery

The SE Non-Resident Master's degree is a part-time distance learning program. Courses are delivered synchronously using Blackboard Collaborate, a web-conferencing tool. First year class day will be Tuesdays (0700-1000 Pacific Time). Second and third year classes will be determined at a future time. To use Blackboard Collaborate, students need Internet access and a PC microphone. A PC camera is optional. No special software is required for Blackboard Collaborate, which is compatible with the Navy/Marine Corps Intranet.

Degree

Students who successfully complete the program will earn either a Master of Science in Systems Engineering (provided they hold an ABET undergraduate engineering degree, or can establish equivalency) or a Master of Science in Engineering Systems (all others). Students also earn an NPS Systems Engineering Certificate and DAU equivalency for DAWIA training requirements of the Engineering (ENG) career field (ENG101, ENG202 and ENG301).

Note: Additional academic certificates may be earned dependent of domain tracks

Tuition

NSWC-Crane is centrally funding all tuition and books for a cohort of 25 students. Check with command representative (Ms. Amber Hoffman) for sponsor endorsed candidates. The technical domain track for the cohort is pending NSWC-Crane technical leadership decision.

Note: NPS is mission funded for qualified active duty Navy and Marine Corps officers (tuition free).

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 2019, Quarter 2 and should type the sponsor code **NSWC-Crane (311-192N)** in the Comments section of the application. A Participation Agreement signed by a Command/Company Authorizing official is also required. The application deadline for candidates to apply online with NPS is **19 October 2018**.

Note: Late applications may be accepted on a case by case basis.

Course Lineup*

Qtr	Year/Qtr	Course Title	
1	AY19/winter	Probability and Statistics for SE	
2	AY19/spring	Fundamentals of Systems Engineering	
3	AY19/summer	Engineering Economics and Cost Estimation	
4	AY20/fall	Capability Engineering	
5	AY20/winter	Systems Suitability	Systems Architecture and Design
6	AY20/spring	Fundamentals of Engineering Project Management	Model-based Systems Engineering
7	AY20/summer	System Integration and Development	System of Systems Engineering
8	AY21/fall	Cyber Security	M&S in Acquisition
9	AY21/winter	Formal Methods for Systems Architecture	
10	AY21/spring	Engineering Systems Conceptualization	
11	AY21/summer	Engineering Systems Design	
12	AY22/fall	Engineering Systems Implementation and Operation	

Fundamentals

SE certificate core course

SE core course

Domain elective

Capstone project

For more information, visit the [program website](#) or contact the 311 Program Manager, Dr. Wally Owen wowen@nps.edu, the 311 Academic Associate, Dr. Raymond Madachy rimadach@nps.edu, or the Center for Educational Design, Development & Distribution Student Coordinator CED3StudCoord@nps.edu.