

Concentration in **Naval Science and Technology**

Background

In 2017, the University of Rhode Island, in collaboration with the University of Connecticut, established the ***Southeast New England STEM Coalition*** to create a community of students, faculty, government and industry leaders that strives to expand the Navy science and technology workforce. Rhode Island and Connecticut represent a critical region for the Navy. The area is the primary supplier of submarines and has some 600 firms that provide parts for the submarine fleet. The region is home to the Naval Undersea Warfare Center, in Newport, as well as Raytheon, in Portsmouth, and Electric Boat, in Groton, where a dramatic increase in hiring is expected. This program will lead to new opportunities for engineering undergraduates considering Navy-related careers, will encourage more students to consider engineering fields in the Navy and will address the increasing regional demand for a highly specialized workforce.

Academic Program Description

All engineering students (including UC-Engineering and Wanting Engineering) may elect to pursue the academic program ***Concentration in Naval Science & Technology***. Students enrolled in the concentration will join the ***Navy STEM Crew*** and will have the opportunity to participate in a variety of ***Southeast New England STEM Coalition*** activities, including seminars, internship and career recruiting events, and field trips. Successful completion of the ***Concentration in Naval Science & Technology*** requires 9 academic credits:

- EGR 201 – Seminar in Naval Science & Technology (1 credit) taken up to 3 times
- Remaining credits:
 - Navy-related research (BME, CHE, CVE, ELE, ISE, MCE or OCE 491/492)
 - and/or
 - Navy-related capstone design (BME 484/485, CHE 451/452, CVE 497/498, ELE 480/481, ISE 401/402, MCE 401/402 or OCE 495/496)



For more information, go to:

<http://web.uri.edu/naval-science-technology>

or contact:

Prof. Valerie Maier Speredelozzi (ISE), valerie@uri.edu
Prof. David Taggart (MCE), taggart@uri.edu
Prof. James Miller (OCE), miller@uri.edu
Prof. Arun Shukla (MCE), shuklaa@uri.edu
Kristin Maher, kristin.maher@uri.edu