

Updated Tim Schultz, Associate Dean of Academics, 3 Feb 2021

Naval War College Special Program Information for CNCS and CNW March 2022 Graduates

The Naval War College (NWC) offers an array of special programs integrated with the Core and Elective curriculum and available to students on a volunteer basis. Special programs require a careful interview/selection process for a limited number of openings. This document categorizes these programs into:

- Group Advanced Research Programs (Halsey Alfa, Halsey Bravo, Holloway Group, Gravely Group)
- Graduate Certificate Programs (Ethics and Emerging Military Technology, Maritime History)

These programs are *optional*. No student should feel pressured to commit to any particular program at the NWC. Any perceived expectations of your professional community should not determine your freedom of choice here—this is *your* learning opportunity. To borrow from Thucydides, your NWC education will be “a possession for all time.” Chart the path that intrigues you and enhances your intellectual journey. This document aids your important decision.

You will receive formal briefings on each special program during Student Orientation. Meanwhile, if you want to learn more about one of these programs feel free to contact the relevant professor(s) at any time. Doing so places zero obligation on you. If you would eventually like to interview for one or more programs, interviews commence during Student Orientation week.

Group Advanced Research Programs

Group Advanced Research Programs (ARPs) enable a cohort of students to work together throughout the year and examine the tactical, operational, and strategic elements of current and near-future warfighting in key geographic areas. Students must interview for these programs, which are open to intermediate (ILC) and senior (SLC) U.S. students. If selected, students take ARPs in lieu of traditional electives. Also, students selected for a Halsey program substitute one of the traditional core courses for a full-time version of the Halsey program.

Halsey Alfa

Halsey Alfa is a collaborative faculty-student group Advanced Research Program (ARP) seeking to derive insights and recommendations for joint operations in increasingly challenging, maritime-relevant, real-world contingencies involving a major military competitor in East Asia. The Halsey Alfa student process includes group free-play war games, lectures (including guest speakers), individual and group research efforts, and group seminars. Halsey Alfa is focused on the tactical-operational level of warfighting within a realistic theater strategic framework. Insights and recommendations are provided to a broad range of commands and leaders in the United States Indo-Pacific Command Area of Responsibility, the Navy, and Department of Defense. The program will continue to adapt as necessary to COVID-related limits on student access to classified spaces.

Note: ILC students take a full-time 8-credit version of Halsey Alfa in the spring trimester in lieu of the 8-credit JMO core course. ILC students also take the 2-credit LPA core course in the spring. SLC students take the full JMO core course in the fall trimester and Halsey Alfa as their 2-credit elective. SLC students typically take a full-time 8-credit version of Halsey Alfa in the winter trimester in lieu of the 8-credit National Security Decision Making core course; for their 2-credit elective in the winter, they take a “light” version of the NSDM course to meet JPME requirements. Halsey SLC students also take a 1-week, 1-credit version of the LPA course in June.

Halsey Alfa Director: [Professor James FitzSimonds](mailto:james.fitzsimonds@usnwc.edu), james.fitzsimonds@usnwc.edu

Halsey Alfa Associate Director: [Professor Craig Koerner](mailto:koerner@usnwc.edu), koerner@usnwc.edu

Halsey Alfa Associate Director: [Professor Paul Schmitt](mailto:Paul.schmitt@usnwc.edu), Paul.schmitt@usnwc.edu

Halsey Bravo

Halsey Bravo is a collaborative faculty-student group Advanced Research Program (ARP) seeking to derive insights and recommendations for joint operations in increasingly challenging, maritime-relevant, real-world contingencies in the Middle East. The Halsey Bravo student process includes group free-play war games, lectures (including guest-speakers), individual and group research efforts, and group seminars. Halsey Bravo is focused on the tactical-operational level of warfighting within a realistic theater strategic framework and provides insights and recommendations to a broad range of commands and leaders in the United States Central Command (USCENTCOM) Area of Responsibility (AOR), the Navy, and Department of Defense. Halsey Bravo wargaming is normally conducted at the SECRET/NOFORN level with weekly TS/SCI intelligence sessions. The program will continue to adapt as necessary to COVID-related limits on student access to classified spaces.

Note: ILC students take a full-time 8-credit version of Halsey Bravo in the spring trimester in lieu of the 8-credit JMO core course. ILC students also take the 2-credit LPA core course in the spring. SLC students take the full JMO core course in the fall trimester and Halsey Bravo as their 2-credit elective. SLC students typically take a full-time 8-credit version of Halsey Bravo in the winter trimester in lieu of the 8-credit National Security Decision Making core course; for their 2-credit elective in the winter, they take a “light” version of the NSDM course to meet JPME requirements. Halsey SLC students also take a 1-week, 1-credit version of the LPA course in June.

Halsey Bravo Director: [Professor Bill Murray](mailto:william.murray@usnwc.edu), william.murray@usnwc.edu

Halsey Bravo Associate Director: [Associate Professor Steve Fuller](mailto:stephen.fuller@usnwc.edu), stephen.fuller@usnwc.edu

Halsey Bravo Military Faculty: [CDR Dan Leonard](mailto:daniel.leonard@usnwc.edu) (USN), daniel.leonard@usnwc.edu

Holloway Group

The Holloway Group is an elective-based program that students take for three trimesters under the aegis of the NWC’s Russia Maritime Studies Institute (RMSI). Working closely with faculty, joint U.S. students conduct wargaming, data collection, research, and analysis on Russian military challenges. Wargame scenarios involve a variety of access-denial challenges and joint-maritime high-intensity conflict at the operational and tactical levels of war. Students derive strategic insights from detailed tactical/operational warfighting and provide recommendations directly to leadership of U.S. Naval Forces Europe, multiple numbered fleets, U.S. European Command (USEUCOM), the Department of the Navy, and the Department of Defense.

Holloway wargaming is normally conducted at the SECRET/NOFORN level with optional, weekly TS/SCI intelligence sessions. Collaborative group operational planning exercises for Russian forces in various theaters will be informed by reading translated Russian-language sources from Russia’s preeminent strategic thinkers to Russian strategy, doctrine, operational concepts, and warfighting capabilities across all domains. The program will continue to adapt as necessary to COVID-related limits on student access to classified spaces.

Note: Holloway students do not take the 2-credit LPA core course in the fall, winter, or spring; instead, they take a 1-week, 1-credit version of the LPA course in June.

Holloway Director: [Dr. Mike Petersen](mailto:michael.petersen@usnwc.edu), michael.petersen@usnwc.edu

Holloway Deputy Director: [CAPT Patrick Kulakowski](mailto:patrick.kulakowski@usnwc.edu) (USN), patrick.kulakowski@usnwc.edu

Holloway Technical Director: [Dr. Rick Moss](mailto:richard.moss@usnwc.edu), richard.moss@usnwc.edu

Gravelly Group

The Cyber and Innovation Policy Institute (CIPI) Gravelly Group Research Project enables advanced student research on

pressing national security issues involving the information environment, cyber operations, and information warfare. In honor of the program's namesake, CIPI Gravely students are expected to do trailblazing work under demanding circumstances. Each student conducts independent research, supervised by CIPI faculty, informed by rigorous social scientific theories and analytical methods, resulting in publication quality writing to shape operational and strategic thinking about the information environment for the Navy and Joint Force. The Gravely Group may accept a very limited number of students, if any, in spring 2021.

Gravely Director: [Dr. Nina Kollars](mailto:Nina.Kollars@usnwc.edu) Nina.Kollars@usnwc.edu

Graduate Certificate Programs

The NWC offers two Graduate Certificate programs available to November graduates: Ethics and Emerging Military Technology (EEMT) and Maritime History (MH). Unique to the NWC among all other JPME I/II institutions, these programs invite a limited number of *highly motivated and academically oriented* students. Evidence of strong academic talent is vital, and these programs *may* accept a very small number of students in March 2021. Successful students are awarded a Graduate Certificate in addition to the NWC M.A. degree.

Students in a Graduate Certificate program complete four additional credits, including a two-credit, faculty-mentored, research-based professional paper of approximately 9,000+ words. Thus, instead of 30 credits (8 JMO, 8 S&P, 8 NSA, 2 LPA, 4 Elective), Graduate Certificate students earn 34 credits (8 JMO, 8 S&P, 8 NSA, 2 LPA, 6 Elective, 2 professional paper).

EEMT and MH Graduate Certificate students have enrollment priority in relevant electives of their choice. In one trimester they must "double up," taking two electives or one elective plus LPA. The competitive selection process for EEMT and MH requires interviews with program faculty. See the following for amplifying details of each Graduate Certificate program.

Ethics and Emerging Military Technology (EEMT)

The Naval War College's Graduate Certificate in Ethics and Emerging Military Technology (EEMT) deepens expertise in the ethical complexities imposed by new technology. Students examine the ethical and military relevance of technologies such as artificial intelligence, genetic manipulation, neuro-enhancements, quantum computing, autonomous systems, hypersonic weapons, etc. They also develop the ability to apply ethics-based reasoning to the challenges and consequences of rapid technological change in the modern security environment. Recent student cohorts interacted with national thought leaders such as the DARPA Director and the Joint Artificial Intelligence Center Director. Integral to the program is the formulation of a professional paper on a student-chosen topic concerning current or potential technologies and their ethical implications for the profession of arms. EEMT students are required to take the "Ethics of Technology" elective in the fall, and they are given priority enrollment in choosing their remaining two electives in the EEMT concentration. Selection is limited to a small number of highly motivated and academically oriented students. For more information contact:

EEMT Director: [Dr. Tom Creely](mailto:thomas.creely@usnwc.edu) (College of Leadership and Ethics), thomas.creely@usnwc.edu

Associate Dean of Academics: [Dr. Tim Schultz](mailto:timothy.schultz@usnwc.edu), timothy.schultz@usnwc.edu

Maritime History

The Graduate Certificate in Maritime History (GCMH) is a specialized track for students seeking to deepen their expertise in maritime history and naval warfare. Students will develop and produce a professional, publishable quality paper on maritime history. Paper topics and research will draw from unique resources of the Naval Historical Collections under scholarly supervision of the Hattendorf Historical Center (HHC) and affiliated historians at the U.S. Naval War College (NWC). Students are also encouraged to submit shorter papers to the Chief of Naval Operations Naval History Essay Contest. This work may also serve as the basis for applications to complete additional graduate studies with other academic institutions affiliated with the HHC. Students matriculating in March must take a designated course (likely "War at Sea in the Age of Sail" or "War at Sea in the Age of Steam") in the fall trimester as a primer in historical writing and historiography, and they are given priority enrollment for their spring and winter trimester electives in the Maritime History concentration. Selection is limited to a small

number of highly motivated and academically oriented students. For more information contact:

GCMH Director: [Dr. J. Ross Dancy](mailto:Dr.J.Ross.Dancy), GCMH@usnwc.edu