



# Cybersecurity Operations (MS)

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- NTSC 6000 Capstone in National Security Studies (3 hours) or NTSC 6250 Thesis in National Security Studies\* (6 hours) and INTL 6900 University Thesis Requirement\* (0 hours)

\*Students taking NTSC 6250 Thesis in National Security Studies (6 hours) must also register for INTL 6900 University Thesis Requirement (0 hours). INTL 6900 acknowledges successful completion of all thesis requirements including conforming to university and departmental guidelines, as well as depositing the thesis in the University library. The 6 credit hours for NTSC 6250 are drawn from the 3 credit hours reserved for the NTSC 6000 capstone and 3 elective credit hours in the program.

## Electives

- 2 elective courses chosen from the MS in cybersecurity operations
- 4 electives chosen from the International Regional and National Security Track of the MA in national security studies

## Sequential MS in Cybersecurity Operations

A student who holds an MA, MS or an equivalent graduate degree from Webster University or another regionally accredited college or university (or its international equivalent) may earn a sequential MS in cybersecurity operations from Webster University.

Transfer credit may not be applied toward the sequential MS.

These conditions apply to the student seeking the sequential MS in cybersecurity operations:

- The student must take a minimum of 27 credit hours to earn the sequential MS in cybersecurity operations. This includes the 24-hour degree core, as well as one elective. The elective must be selected from the following list:
  - CSSS 5210 Cybersecurity Law and Policy (3 hours)
  - CSSS 5220 Cybersecurity Threat Detection (3 hours)
  - CSSS 5230 Cybersecurity Forensics (3 hours)
  - CSSS 5250 Use and Protection of Space Assets (3 hours)
  - CSSS 5265 Foundations of Software Development (3 hours)
  - CSSS 5270 Cybersecurity in Cloud Computing (3 hours)
  - CSSS 5290 Cybersecurity Risk Management Framework (3 hours)
  - CSSS 5990 Advanced Topics in Cybersecurity (3 hours)
  - CSSS 6500 Internship in Cybersecurity (3 hours)
- The student must meet the core course requirements of the MS in cybersecurity operations. If the student enrolled in any of the core courses as electives in his or her MA, MS or an equivalent degree program, those courses must be replaced with applicable CSSS electives (see list above).
- Advancement to Candidacy for sequential MS in cybersecurity operations:
  - Sequential MS in cybersecurity operations students who received the MA, MBA or MS from Webster University will be advanced to candidacy with initial registration.
  - A student who received the master's degree from another regionally accredited institution will be advanced to candidacy upon approval of the master's degree transcript.

## Admission

See the Admission section of this catalog for general admission requirements. Students interested in applying must submit their application online at [www.webster.edu/](http://www.webster.edu/) apply. Transcripts should be sent from your institution

electronically to [transcripts@webster.edu](mailto:transcripts@webster.edu). If this service is not available, send transcripts to:

Office of Admission  
Webster University  
470 E. Lockwood Ave.  
St. Louis, MO 63119

## Special Requirements

- Students entering the cybersecurity program should have knowledge of computer systems, digital networks, familiarity with internet and wireless applications, and possess good (high school algebra and exposure to trigonometry) mathematical as well as written and oral communication skills.
- Applicants to the MS Cybersecurity Operations who have an active Certified Information Systems Security Professional (CISSP) certification at the point of admission, will be exempt from two core courses (CSSS 5000 and CSSS 5140), reducing the number of required courses to 30 credit hours.

## Advancement to Candidacy

Students are admitted to their graduate program upon completion of all admission requirements. Students are advanced to candidacy status after successfully completing 12 credit hours with a cumulative GPA of 3.0 or higher. In specialized programs, courses required as prerequisites to the program do not count toward the 12 credit hours required for advancement.