CS | CYBER SECURITY

The Cyber-S program is a source of graduate-level information security education for those serving as the Chief Information Security Officer (CISO), Senior Agency Information Security Officers (SAISO), their staffs, and cyber security managers. This program provides advanced education to respond to the requirements set forth in the Federal Information Security Management Act (FISMA) and requirements for secure use of national security information systems set by the Committee for National Security Systems (CNSS).

The Cyber Security (Cyber-S) program prepares graduates to:

- Exercise strategic leadership and critical thinking in the development and use of cyber security strategies, plans, policies, enabling technologies, and procedures in cyberspace.
- Develop and lead programs to provide cyber security, security awareness training, risk analysis, certification and accreditation, security incident management, continuity of operations, and disaster recovery.
- Link people, processes, information, and technology to critical cyber mission decisions to share information in a secure environment.
- Develop and lead, in accordance with laws and regulations, an enterprise IA program that promotes and attains national security, agency, and inter-agency goals.
- Communicate at the strategic level demonstrating command of the topic, logical organization, compelling argument, and excellence in English grammar and syntax.

Students may apply their certificates, for 9 or 12 graduate-level credit hours, toward select Master's or Doctoral/PhD degree programs at several partner institutions of higher education. See the Academic Partner page under Academics on the NDU iCollege website for additional information.

Cyber-S Certificate(s)

Courses are based on current cyber security competencies. There are three (3) certificates offered within this program (4011, 4012/15/16, and CISO). Students earn Cyber-S Certificates by successfully completing three, four, and/or six courses:

3 Courses for NSTISSI 4011 Certificate

4 Courses for CNSSI No. 4012, 4016, NSTISSI 4015 Certificates

6 Courses for CISO Certificate

Changes to the 4011/12/15/16 will be coming fall 2015.

GIL Master of Science Degree
Cyber-S Concentration

The 36 credit curriculum of the Government Information Leader (GIL) Degree offers a combination of information management, technology, and leadership intensive courses in a collaborative and interactive environment. Students select the courses, which correspond to the College's Cyber-S certificate program.

Programs

12 Required Courses

5 Areas of Study

NATIONAL DEFENSE UNIVERSITY
iCollege
INFORMATION RESOURCES MANAGEMENT COLLEGE

The Global Hub for Educating, Informing, and Connecting Information Age Leaders.

Students

- DoD military and civilian
- Private Sector
- Non-DoD Federal Agency, state and local government
- International Defense Ministries

Information Leadership Graduate Education

- More than 30 courses, over 200 offerings per year
- Master of Science in Government Information Leadership
- Chief Information Officer competencies
- Chief Financial Officer competencies
- Cyber Security and Cyber Leadership
- IT Program Management

Laboratories

- Attack and Defend
- Cyber Security
- Ci Center

Flexible Options

- On Campus (eResident)
- On-Line (Distributed Learning, DL)
- Customized Services and Seminars
- Hybrid eResident and DL
- 14-week CIO Leadership Development Program

Academic Partnerships

The college partners with nearly 40 U.S. universities that accept 9, 12, or 15 graduate credits for iCollege certificates towards Master's and Doctoral/PhD degrees at their institutions. See the iCollege website (Academics tab) for specific degree information and contacts at each partner university. Many partners offer resident, online, full-time and part-time options. In addition, Global Information Assurance Certification (GIAC), an affiliate of SANS, accepts each iCollege course as 12 Certification Maintenance Units (CMUs).

NATIONAL DEFENSE UNIVERSITY

Information Resources Management College
Fort Lesley J. McNair, Marshall Hall
300 5th Avenue, SW,
Washington, D. C. 20319
202-685-6300