



Graduate Certificate in Cybersecurity and Intelligence



Director:

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“The globalization of threats to homeland security require that today’s justice professionals understand the sources of intelligence, types of high technology crimes, and effective methodologies to analyze and manage cyber threats.”



About the Program

The graduate certificate in cybersecurity and intelligence will offer students the opportunity to broaden and enhance their professional careers with topics that are current and relevant in today’s administration of justice and homeland security environment.

Salve Regina University offers this graduate certificate in cybersecurity and intelligence as both a partner in the shared responsibility of academe and also to offer students the most current and relevant analysis of ethical, legal, cultural and technological issues that pose threats to a global society. This approach is modeled after the latest studies and mandates not limited to Homeland Security Presidential Directives, Presidential Policy Directives, and the Quadrennial Homeland Security Review.

Current and future leaders understand that an interdisciplinary approach to all hazards that require prevention, mitigation, protection, response, and recovery is the most successful. The integration of the private sector partnerships creates a shared responsibility in a homeland security environment.

The cybersecurity and intelligence courses will introduce students to the threat landscape and help them to understand the methodology used to mitigate threats to personnel and their agencies. Cybersecurity courses introduce students to the methodology of investigation, the threat environment (cyberspace), some of the online tools used by analysts, and their application in real world examples. Students will be introduced to the key concepts, tools, and terminologies used by professionals in the field, and apply what they learn in practical exercises that model real-world events. Learning these tools will help students gain a better understanding of how investigations may be more successful in a constitutionally ethical process. Students will understand the necessity of cyber-disruption planning with a goal of redundancy and resiliency. Economics will inevitably force managers to regionalize services and facilitate an interoperable solution.

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About Salve Regina

Salve Regina University is an independent, coeducational institution serving approximately 2,500 men and women from 35 states and 16 nations. Its 80-acre oceanfront campus is in the Ochre Point historic district of Newport, Rhode Island, and includes 48 new and adapted buildings. The University is accredited by the New England Association of Schools and Colleges (NEASC).

The Certificate of Graduate Studies (CGS)

is designed for those students who wish to pursue graduate study but may not be interested in obtaining a master's degree. It may be earned by students with baccalaureate degrees or master's degrees from accredited institutions in areas related to the field of study. Students are required to successfully complete all courses with a cumulative grade point average of 3.0 or higher to earn the certificate. Should a student desire to continue beyond the certificate by entering the master's program, he or she should contact the Office of Graduate Admissions. If the student is accepted, the required courses already completed may be applied to the master's degree consistent with University policy.

To apply to the Certificate program

The following materials must be submitted to the Office of Graduate Admissions:

- Completed application form
- Official transcripts from all degree-granting institutions attended
- Two letters of recommendation from a person able to evaluate the candidate's academic potential

Courses are offered on campus in Newport, R.I., Warwick, R.I. and online.

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(Four courses/12 credits)

The graduate certificate in cybersecurity and intelligence focuses on the conceptual aspects of what steps need to be taken so that managers can lead and interact in a technological environment and bridge the communication gap between the management and technicians. The graduate certificate in cybersecurity and intelligence highlights theory, policy, and problems in this emerging field.

Curriculum

Students who wish to earn this certificate must successfully complete the following two courses:

ADJ519: U.S. Intelligence	3 credits
ADJ576: High Tech Crimes	3 credits

Students must complete two of the following courses:

ADJ530: Cyber Threat Analysis	3 credits
ADJ531: Cyber Threat Management	3 credits
ADJ532: Cyber Terrorism	3 credits
ADJ555: Challenges to Counter-Terrorism	3 credits
ADJ565: Analytics Methodology	3 credits
ADJ579 Introduction to Advanced Persistent Threat	3 credits
ADJ581 Special Topics (<i>with permission of Graduate Program Director</i>)	3 credits
MGT558 Management of Cyber Opportunities and Threats	3 credits



Salve Regina University Graduate Studies and Continuing Education

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