



Certificate in Cybersecurity and Intelligence



Class Format

100% online
7-week sessions

Application Deadlines

August 15 - Fall Session I
October 15 - Fall Session II
December 15 - Spring Session I
February 15 - Spring Session II

Contact

graduate_studies@salve.edu

Build Your Cyber Resiliency

Cybersecurity is no longer simply a technology issue. Managers and other stakeholders must actively manage risks to protect large-scale information systems. Managers do not need to be trained as programmers, but they must have a deep understanding of the cyber-context in which they operate in order to harness the right tools, strategies, people and training in order to protect their company, agency or business from a dynamic and rapidly developing array of cyber threats.

This program focuses on the importance of cybersecurity planning and provides practical training in developing policies and risk management strategies that will guide the direction of technical development and implementation in your company or system. Salve Regina's cyber program is taught by practicing cyber professionals with successful, hands-on experience overcoming the challenges you now face.

Leaders and managers in local governments, law enforcement, defense contractors, businesses, insurance, non-profits, and manufacturing will benefit from the Certificate in Cybersecurity and Intelligence.

The certificate program consists of four online courses. Each course takes seven weeks to complete. These are rigorous graduate courses; at the end of the program, students will have earned the certificate and 12 graduate credits.

Certificate in Cybersecurity and Intelligence

Admissions Requirements

The Certificate of Graduate Studies (CGS) is designed for students who hold a baccalaureate or master's degree and wish to pursue graduate work to meet personal or professional goals.

How to Get Started

Students apply using a streamlined certificate program application. There is no fee to apply. You must submit the following to be considered:

- Completed certificate program application
- Official transcripts from each previous college/university attended
- Resume

The application is accessed online at admissions.salve.edu/apply.

Each successful class completion will earn graduate credit. Should the student wish to continue on to a master's program, they should contact the Office of Graduate Admissions. Credits earned in the certificate program may be applied to the master's degree consistent with University policy.

About Salve Regina University

Salve Regina is an independent, coeducational institution located in Newport, RI. Since our founding by the Sisters of Mercy in 1934, we have grown to a community of more than 2,700 undergraduate and graduate students who proudly carry forward a mission of responsible citizenship and public service in their personal and professional lives. Salve Regina is fully accredited by the New England Commission of Higher Education (NECHE).

Courses and Schedule

Each course lasts seven weeks. Students may start in any session and must complete four classes to earn the certificate. See page 1 for application deadlines.

Fall I

ADJ543: Cyber Intelligence

Provides an overview of cyber intelligence, discussing the theory, the objectives, challenges and differences between government and private sector cyber intelligence. Real-world case studies provide a vehicle for students to understand intelligence indicators and learn methods for providing decision makers with reporting options that remove conjecture and bias.

Fall II

ADJ530: Cyber-Threat Analysis

This course explores the discipline of cyber threat analysis at a basic level, introducing 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.

Spring I

ADJ576: High Technology Crime

This course studies the response of law enforcement and information systems scientists to the use of computers and related technologies for criminal purposes. While no prior computer knowledge is required, students will use computers as a part of this class. Major policy issues surrounding this area will also be discussed.

Spring II

ADJ531: Cyber-Threat Management

This course will introduce students to the threat landscape and the methodology used to mitigate threats to personnel and agencies. Students will develop a basic understanding of risk management and control, along with a study of legal and compliance topics. The field of forensics will be explored including a demonstration of how a forensic analysis is performed, and how to manage the process of a technical investigation.

or

MGT558: Management of Cyber Opportunities and Threats

This course will provide an understanding of both opportunities and threats of doing business online and adopting information and communications technologies (ICTs) within a modern organization. It will also discuss the advantages and risks of new technology innovations, including the Internet of Things (IoT), cloud computing, artificial intelligence, machine learning, and 5G. Students will learn how to effectively manage digital risks; the focus is placed on preventing and mitigating cyber threats through risk management, thought leadership, cyber policy development, employee awareness and training, network security and intrusion prevention techniques, incident response planning, information-sharing, vendors' contractual agreements and other preventive and mitigation strategies.



Salve Regina University

Graduate Studies and Continuing Education

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