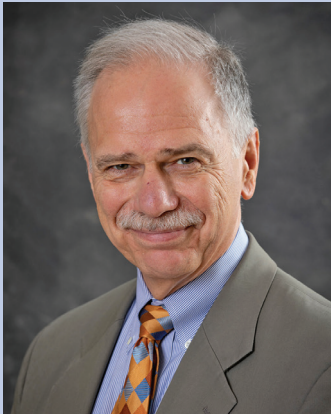# Graduate Certificate in Cybersecurity and Healthcare Administration

Program Director:
David DeJesus
Office: (401) 341-3169
Email: david.dejesus@salve.edu

Class Format
Online

Application Deadline
Rolling

Enhance Your Cyber Management Skills

As more healthcare-related devices are connecting to the internet, including the latest apps, mobile operating systems and medical devices, privacy and security challenges continue to multiply. The Graduate Certificate in Cybersecurity and Healthcare Administration provides an in-depth understanding of cybersecurity threats to healthcare systems, threat actors, cybersecurity risk management best practices, digital health innovation, laws and regulations applicable to electronic health records, and techniques to build enterprise-wide cybersecurity awareness in this rapidly changing environment. After completing the courses, you will be prepared to proactively manage and mitigate against current and emerging cybersecurity threats in the healthcare environment.

The certificate program consists of four master's level courses. Our programs are directed and taught by respected cybersecurity and healthcare professionals who blend theoretical foundations with examples from their experience in a wide variety of cybersecurity and healthcare settings. The certificate's structure develops the essential knowledge and skills within the context of the University's commitment to the Catholic tradition, based on the vision of the Sisters of Mercy, and emphasizes a sense of personal values and professional responsibility to better meet the needs of others.

Professionals who hold either a bachelor's or master's degree in any major are invited to apply. Students in good academic standing who would like to continue their studies may apply to the M.S. in Healthcare Administration degree program. Credits earned in the certificate program may be applied toward the master's degree consistent with University policy.

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 1947, 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).

The Graduate Certificates are completed online. Online courses are offered in compressed, seven-week sessions. Students complete four courses to earn the certificate.

Required Courses:

HCA530: Cybersecurity and Resiliency in Healthcare Administration

The regular occurrence of cybersecurity incidents has led healthcare organizations to treat cybersecurity as a risk that needs to be actively managed, rather than just an issue that technology alone can solve. Drawing on recent cybersecurity incidents in healthcare, students are introduced to cybersecurity risk management best practices, laws and regulations applicable to electronic health records, and basic techniques to build enterprise-wide cybersecurity awareness.

HCA538: Cybersecurity and Healthcare Policy

This course will be divided into two parts. First, students will develop an in-depth understanding of major healthcare policy reforms as it relates to digital health and cybersecurity, with a particular focus on how federal policy is driving health information technology innovation. The second half of the course will give students the skills necessary to develop strategic level policy documents and build end-user cybersecurity awareness in a healthcare organization.

HCA542: Cybersecurity and Healthcare Law

As healthcare enterprises progressively adopt electronic health records and other digital health technologies, various privacy and security risks arise. This course provides students an in-depth understanding of the various federal and state legislation and regulation that governs healthcare and cybersecurity.

Students must also complete one of the following courses:

HCA551: Hacking the Future of Healthcare Administration

Students will research and evaluate historical case studies of various compromises in healthcare settings and learn how best to address similar situations, while also proactively mitigating against future events.

HCA552: Digital Health, Innovation, and Entrepreneurship in Healthcare Administration

Innovation in healthcare requires leaders who are trained to think and act as entrepreneurs, while also maintaining a culture of cybersecurity safety and resiliency. This course provides students an overview of how technology is developed and applied to healthcare and medicine – from telemedicine, to quantified self and other emergent digital health platforms.

MGT558: Management of Cyber Opportunities and Threats

Focus is placed on preventing and mitigating such risks through employee awareness and training, strategic thinking in cybersecurity policy development and disclosure, network security and intrusion prevention measures, contractual agreements with vendors, data recovery plans, incidence response plans, user responsibility agreements, compliance and legal issues.

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. No computer coding knowledge is required. Major policy issues surrounding this area will also be discussed.

Salve Regina University
Graduate and Professional Studies
100 Ochre Point Avenue
Newport, Rhode Island 02840-4192
Phone: (800) 637-0002
Email: graduate_studies@salve.edu
Online: salve.edu/graduate-admissions