



M.S. Administration of Justice and Homeland Security, Digital Forensics



Director:

J. David Smith, M.S., C.A.G.S.

Office: (401) 341-3210

E-mail: david.smith@salve.edu

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About the Program

The Administration of Justice and Homeland Security programs endeavor to address the professional requirements of justice leaders and practitioners in an increasingly technological and global environment. As a University community that recognizes its responsibility to impart and expand knowledge, develop skills, and cultivate enduring, well-informed, reflective values, the objective of the graduate program is to develop professionals who are morally imbued individuals and will serve their communities guided by the principles of equal respect.

Students may pursue a concentration in digital forensics or a certificate of graduate studies in this emerging field of cyber criminology. Digital Forensics encompasses an array of skills including acquiring, extracting, and analyzing data that is often useful for criminal investigation and civil litigation cases. In addition to criminal and civil investigations, it also plays a major role in intelligence and counterterrorism matters. As a concentration area in Administration of Justice and Homeland Security, Digital Forensics would expand on student's knowledge from core classes, instruct them on analyzing and documenting data, and help them develop necessary skills for utilizing networks, servers, and analysis tools. As with this and with our other programs at Salve, a deliberate evaluation of relevancy in the constantly changing world of global technology will shape the syllabus of each course in this program to best serve the students and their career placement.

The concentration in digital forensics will enable students to satisfy all of the following concentration objectives:

1. To acquaint students with computer network architecture, proper evidence collection and storage, and federal rules and criminal codes
2. To understand how foreign state sponsored threat actors target certain institutions and companies
3. To introduce students to network traffic analysis, web log analysis, malware reverse engineering, and cyber infrastructure analysis, and
4. To instruct each student on how to navigate networks, servers, and mass data as well as how to utilize common digital forensic tools.

M.S. Administration of Justice and Homeland Security concentration in Digital Forensics

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).

Admissions requirements

Salve Regina University evaluates the total application package. Individuals with a bachelor's degree in any undergraduate major from a regionally accredited college or university (or an equivalent degree from an accredited institution outside of the United States) are qualified to apply.

To apply to the Master's program

you must submit the following supporting materials to the Office of Graduate Admissions:

- Completed graduate application form
- Official transcripts from all degree granting institutions attended
- Personal statement
- Two professional letters of recommendation

Courses are offered on campus in Newport, R.I., at the Center for Adult Education in Warwick, R.I. and online.

Core Curriculum

Students must successfully complete 12 courses totaling 36 credits to earn the master's degree. All students must complete the curriculum as follows:

There are eight (8) required courses in the Administration of Justice and Homeland Security program. These courses are as follows:

ADJ505: Constitutional Issues	3 credits
ADJ506: Theories of Justice.....	3 credits
ADJ521: Management Issues in the Justice System.....	3 credits
ADJ518: Public Policy in the Global Environment	3 credits
ADJ524: Homeland Security: National Incident Management System	3 credits
ADJ580: Emerging Global and Social Issues in Justice (<i>Capstone</i>)	3 credits
INR552: Terrorism and Transnational Crime.....	3 credits

Choose one of the following:

ADJ563: Cyber Methodology or ADJ500: Research Methods.....	3 credits
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Digital Forensics Concentration Curriculum:

Students must complete the two courses below:

ADJ526: Principles of Digital Forensics as a pre-requisite to all others in the concentration	3 credits
ADJ529: Advanced Digital Forensics	3 credits

Students must complete two of the courses from the list below:

ADJ537: Network Forensics and Incident Response	3 credits
ADJ545: Mobile Forensics	3 credits
ADJ546: Insider Threat.....	3 credits
ADJ547: Malware Basics.....	3 credits
ADJ570: Forensic Certifications (ACE/CCE)	3 credits



Salve Regina University
Graduate Studies and Continuing Education
100 Ochre Point Avenue
Newport, Rhode Island 02840-4192
Phone: (800) 637-0002 or (401) 341-2128
E-mail: graduate_studies@salve.edu
Online: salve.edu/graduatestudies

