MASTER OF SCIENCE
CYBERSECURITY

M.S. CYBERSECURITY

Serving one of today's most in-demand job fields, the M.S. Cybersecurity program is preparing students to be hired as information security analysts, jobs that are expected to experience 28 percent job growth through 2026 with average salaries of $95,510 as of 2017, according to the Bureau of Labor Statistics. Created in partnership with industry professionals, this cutting-edge program is taught online using virtual environments to simulate the operating systems that you'll monitor on the job. You will acquire skills in computer programming, networking, assessment and analysis, forensics, and reporting that combine technical knowledge, situational management, and problem solving.

Admission to the program is available to students both with and without a technical background. Students without demonstrated technical coursework or professional experience will complete a series of networking and programming prerequisites prior to entry in the program. The program is designed around industry certifications and standards and provides a diverse background leading to entry-level careers (for those transitioning from other areas) and career advancement (for those with prior background in technology).

The Master of Science (M.S.) in Cybersecurity program:

- Is conducted fully online and available full-time or part time
- Builds on the expertise of recognized industry professionals
- Offers Cybersecurity, Digital Forensics, and Cyberspecialist certificates that can be earned independently or stacked to earn the M.S. Cybersecurity
- Is available to professionals with and without a technical background

Credits 30

Time to Completion
1.5 - 3 Years

CAMPUS LOCATION
Online

Who It's For
Recent graduates and working professionals interested in pursuing work as an information security analyst or similar position

Course Load
Full-time or Part-time

Key Features
Highly technical curriculum, fully online delivery, stackable certificate options

Application Deadline
August 1 for Fall
December 15 for Spring
April 15 for Summer

Roger Williams University
GRADUATE PROGRAMS

CURRICULUM

Required Courses: 24 credits

CJS 542	Digital Forensics I
CJS 545	Law for Forensics Professionals
SEC 600	CyberSecurity Essentials I
SEC 605	Auditing of Networking, Security, and Technology
SEC 615	Intrusion Detection: Firewalling and Defense
SEC 620	Malware: Analysis and Malicious Software
SEC 625	Pen Testing and Incident Response
SEC 630	CyberIntelligence and Cybersecurity

Research and Thesis: 3 credits

SEC 650 Cybersecurity Research and Thesis

Electives: 3 credits

CJS 540 Digital Forensics Hardware and Acquisition
CJS 543 Computer Forensics II
CJS 544 Computer Forensics III
SEC 528 Special Topics: Cyber Threat Intelligence
SEC 528 Special Topics: IoT Security
Or other approved SEC 500 or 600-level elective

ADMISSION REQUIREMENTS

Applications to the program are due by August 1 for fall admission, December 15th for spring admission, and April 15th for summer admission. To be considered for admission to the Master of Science in Cybersecurity, applicants must hold an earned bachelor's degree from an accredited college or university.

To apply, applicants must submit the following items to the Office of Graduate Admission:

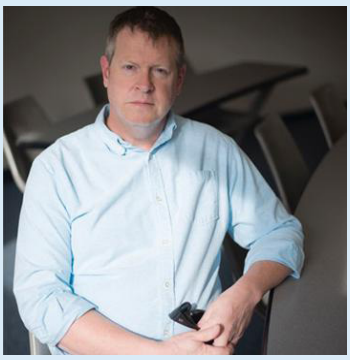
1. Completed Application form accompanied by the $50 application fee
2. Official transcripts of all undergraduate and graduate coursework
3. Letter of intent (two double-spaced pages maximum) describing your interest in Cybersecurity, relevant past experiences and career goals
4. Two letters of recommendation attesting to your potential to succeed in graduate school
5. Criminal background check (BCI check) from state of residence (applicants who need assistance with this process should contact the Office of Graduate Admission)
6. If your first language is not English, an official report of TOEFL or IELTS results

To read more about the application process and how to submit your materials, please visit **grad.rwu.edu/apply**.

Note: The GRE is not required for admission

A PRACTICAL DEGREE

Dr. Doug White Develops Program to Address Critical Infrastructure Needs



Professor Douglas White was one of the earliest pioneers in cybersecurity. And now, with the increased use of technology worldwide and headlines ranging from hackings to national surveillance, almost everyone understands what he's known all along: cybersecurity is a massive issue.

"The threat to cyber systems has been perceived by average people," he says. People might not understand how it happens, but "everyone understands the consequences," he says.

A recognized expert in the technology industry and program director for the M.S. Cybersecurity program, Professor White has worked in the industry for over 20 years. He hosts "Secure Digital Life," a weekly podcast, and is a core member of R.I.'s Cyberdisruption Team, a citizen support entity of cyber experts which works with Rhode Island's state police and emergency management agency. He developed the Cybersecurity program alongside industry experts to provide highly technical coursework necessary to respond to today's critical security needs.