The Online Master of Science in

DIGITAL FORENSIC SCIENCE

EARN YOUR DIGITAL FORENSIC SCIENCE MASTER'S AT CHAMPLAIN COLLEGE

CHAMPLAIN
COLLEGE
ONLINE /

The Online Master of Science in
DIGITAL FORENSIC SCIENCE

Master digital and computer forensics in the country's top digital forensics program, delivered 100% online, and become a sought after scientist skilled in investigating digital crimes and developing new methods of collecting digital criminal evidence. Throughout Champlain College's respected online Master of Science in Digital Forensic Science program, you'll not only increase your technical skillset but also develop as a professional who adds value to the entire enterprise. As you learn to make the business case for your work, you'll become adept at communicating with lay audiences about risks, opportunities and return on investment (ROI) for the work you and your team do each day.

You'll study with faculty who are some of the country's most renowned digital and computer forensic experts in the industry, with years of professional experience in the FBI, law enforcement, State's Attorneys offices and private sector work. There's no better institution from which you could earn this degree: Champlain is designated as a National Center of Digital Forensics Academic Excellence by the Defense CyberCrime Center, which means that our instruction and curriculum are of the utmost relevance and value, and our leading edge digital lab environment is easily accessible to our online students and practitioners.

WITH A MASTER OF SCIENCE IN DIGITAL FORENSIC SCIENCE FROM CHAMPLAIN COLLEGE, YOU WILL:

> Learn the principles of crime scene investigation and evidence management.

> Become skilled in conducting forensic analysis on a full spectrum of digital devices.

> Create software tools for automated data processing, manipulation and analysis.

> Learn the core concepts of other forensic disciplines, including forensic biology and pattern evidence.

> Understand the legal issues that impact the practice of digital forensics.

> Get practical, hands-on experience using virtual environments and commercial and open source software, including VMware, Encase, FTK, Carbon Black, Nuix, Winhex and XRY.

Champlain College

PROGRAM OVERVIEW

Program Director:

Sérgio Tenreiro de Magalhães, PhD

Format: 100% online, instructor-led courses; no set class meeting time—24/7 access to instruction and assignments

Credit Hours: 36 credit hours

Start Terms: 6 times per year

Program Structure: Two, online 8-week terms per semester, 3 semesters per year

Degree Completion Time Frames: Twelve months if enrolled in two 3-credit courses each 8-week term for a total of 6 credits each term. Designed for flexibility, students can choose to take only one course per term and extend time to completion.

Admission Requirements:
> No GMAT/GRE required
> Undergraduate degree minimum of 2.5
> Resumé of Professional Experience
> One Letter of Recommendation
> Admission Essay

DIGITAL FORENSICS CURRICULUM

> The Practice of Digital Investigations
> Mobile Device Analysis
> Digital Forensics for Civil Litigation
> Legal Principles of Digital Investigation
> Scripting for Digital Forensics
> Operating System Analysis
> Incident Response and Network Forensics
> Capstone Research Thesis

Choose two of the following courses:
> Malware Analysis
> Digital Forensics and Encryption
> Computer Forensics Laboratory Operation and Management

DIGITAL FORENSIC GRADUATE CERTIFICATE

In a growing industry with constantly increasing needs, this 12-credit online certificate in digital forensics provides students with the graduate level framework needed to meet these needs. The comprehensive curriculum delves into key aspects of digital forensics, including operating system analysis, mobile device analysis and network forensics.

Designated since 2006 as a National Center of Academic Excellence in Information Assurance Education by the U.S. National Security Agency and the Department of Homeland Security.

Designated as a National Center of Digital Forensics Academic Excellence by the Defense Cyber Crime Center (DC3) Air Force Office of Special Investigations. Champlain is the only private college in the country, and the fifth in the nation, to receive this distinction.

CHAMPLAIN COLLEGE: AN EXPERIENCED LEADER IN ADULT ONLINE EDUCATION

Champlain College is a regionally accredited, private, not-for-profit college in Burlington, Vermont, known for educating students for career success since its founding in 1878. Champlain has been a leader in online education since launching its first online degree programs more than twenty years ago, and now offers over sixty online programs of study.

Ranked among the Best Online Bachelor's Programs by *U.S. News & World Report*.

Regionally accredited by the *New England Commission of Higher Education*, which ensures that standards of academic quality are being met or exceeded.

Included in *The Princeton Review's* "The Best 381 Colleges" ranking especially high for its quality of life, "green" commitment and academics.

POSITION YOURSELF FOR SUCCESS WHEN YOU CHOOSE CHAMPLAIN COLLEGE ONLINE

At Champlain College Online, adult students are our priority, and our nationally acclaimed **100% online** programs are designed for busy working adults.

We structure our academic calendar to help you **finish your degree sooner** with three semesters a year, and two sessions in each semester.

You'll benefit from a personalized student experience with a **dedicated academic advisor** and a team to help you complete your degree.

Our faculty are **practitioner-experts** in their field and understand today's industry needs.

Curriculum is **built with working professionals in mind**, with coursework and assignments that can be immediately applied to the workplace.

With **no specific class times throughout the week**, you can **participate 24/7**, when it's **convenient for you.**

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