REGIS UNIVERSITY

BACHELOR OF SCIENCE IN CYBERSECURITY

DEGREE PROGRAM

Cybersecurity is defined as a computing-based discipline involving technology, people, information, and processes to enable assured operations in the context of adversaries. It involves the creation, operation, analysis, and testing of secure computer systems. It is an interdisciplinary course of study, including aspects of law, policy, human factors, ethics, and risk management. Regis University's Bachelor of Science (BS) in Cybersecurity program is a comprehensive multi-disciplined program providing students a well-defined pathway to industry, non-profit organizations, and government agency jobs in cybersecurity related careers. It will equip students with state-of-the art cybersecurity technical knowledge and skills while incorporating best business practices and soft skills to better communicate in diverse team environments. Regis's BS in Cybersecurity program will be grounded in theory, real world experience, and the art and science of this dynamic field.

DEGREE REQUIREMENTS

Courses are offered online

General Core Studies (45–49 credit hours)

- MT 320 - Discrete Mathematics

Foundational Major Courses (27 credit hours)

- CIT 452 – Systems Administration
- COM 380 – Communication: Questions, Contexts, and Theory
- COM 400 – Intercultural Communication
- CS 210 – Introduction to Programming
- CS 310 – Data Structures
- CSEC 211 – Information Assurance Fundamentals and Cryptography Basics
- CSEC 220 – IT System Components and Network Topics
- CSEC 250 – Network Concepts, Technology, Protocols, and Defense
- MT 270 – Introduction to Statistics

Upper Division Major Courses (39 credit hours)

- CS 431 – Operating Systems Design and Analysis
- CS 475 – Computation Theory
- CS 479 – Ethical Leadership in Computer Science 3
- CSEC 320 – Cyber Threats and Defense
- CSEC 336 – Database Management System Security Net Class w/ Major Team Project
- CSEC 350 – Policy, Legal Ethics and Compliance in Computer Security
- CSEC 360 – Fundamental Security Design Principles and Secure Operating System Concepts
- CSEC 370 – Computer/Host Forensics
- CSEC 375 – Network Forensics
- CSEC 380 – Digital Forensics
- CSEC 410 – History and Ethics of Computers
- CSEC 420 – Advanced IA Architectures/Compliance and Standards, Certification and Accreditation
- CSEC 430 – Intrusion Detection and Response

Interdisciplinary Elective (3 credit hours)

- 300 or higher-level course in Leadership, Communication, etc

Computer Science Elective (6 credit hours)

- 300 or higher-level course in CIS or CIT

Total Degree Requirements = 120 credit hours

ADMISSION REQUIREMENTS

- Completed application with $50.00 fee
- Official transcripts from prior college(s)
- Essay
- Resume

To start your application and learn about additional admission requirements, visit regis.edu/apply.

TUITION (2018-19 ACADEMIC YEAR)

- $510 per credit hour

FINANCIAL AID

In 2017-18, Regis University provided more than $134 million in federal, state and institutional financial aid to its eligible students. To learn more about financial aid options, contact the Financial Aid Office at 800.568.8932 or visit Regis.edu/financialaid.

CLASSES START SOON

Please visit the academic calendar to see when classes start at www.Regis.edu/Calendar

GET STARTED TODAY

Working with you one-on-one, your Regis admissions counselor can help you decide which program is the best fit for your goals, what options can save you time and money and assist with the online application process.

800.944.7667 ruadmissions@regis.edu
regis.edu/CCIS

Regis University is regionally accredited by the Higher Learning Commission.

Rev: 08.03.18