Rivier
UNIVERSITY

B.S./M.S.
Cybersecurity Management/
Computer Science 4+1

Fast track your career in the high-tech world.

Why Study at Rivier?

The combination of Cybersecurity and Computer Science degrees provides the perfect foundation for your successful career in this dynamic industry.

Build Your Knowledge Base

Rivier's B.S. Cybersecurity Management/M.S. Computer Science 4+1 program explores modern computing methods, tools, and applications and challenges you to design, develop, and demo your own significant software project as part of your course of study. This program provides a deep knowledge base that prepares you for a variety of job opportunities and rapid career advancement in an in-demand field.

Rivier's traditional M.S. in Computer Science is a 36-credit program. However, if you enroll within one year after completing the B.S. in Cybersecurity Management, you will be considered for the 30-credit master's program.

Gain Real-World Experience

You will gain valuable, resume-building experiences through an internship and capstone project that matches your career interests and goals. Diverse industry speakers and networking opportunities add to your educational experience and help broaden your worldview.

Begin Your Career

Rivier's 4+1 program graduates can pursue careers as:

- Cyber incident responders
- Software developers
- Electronic forensics investigators
- Network and system administrators
- Policy analysts
- Penetration testers
- Information systems security officers (ISSO)

12,175 sq. ft.
high-tech Cybersecurity Lab and Business Suite opened in 2022

100%
of students complete internships, field experiences, or service learning programs
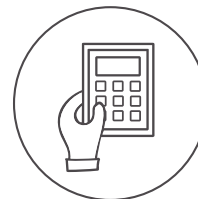
36,000 sq. ft.
cutting-edge Science and Innovation Center

90+ years
of educational excellence

100%
of students receive financial aid

Journeys of Transformation

Rivier University's core curriculum, titled Journeys of Transformation, aligns with the American Association of College & Universities essential learning outcomes. Coursework focuses on developing strong intellectual and practical skills for workforce success, and offers opportunities for service learning, servant leadership, and civic engagement to enhance leadership abilities.

B.S. Course of Study

Business Core
BUS 175 - Principles of Management
BUS 180 - Business Communications
BUS 220 - Financial Accounting
BUS 226 - Principles of Project Management
BUS 302 - Organizational Behavior
BUS 351 - Applied Statistics
BUS 354 - Business Intelligence & Analytics

Computer Science Required Courses
CS 245 - Introduction to Computer Architecture
CS 301 - Computer Science Fundamentals
CS 308 - Computer Networks
CS 335 - Database Management Systems
CS 448 - Computer Security

Cybersecurity Courses
CYM 171 - Introduction to Cybersecurity
CYM 250 - Cyber Law & Ethics
CYM 280 - Programming & Scripting for Cybersecurity Managers
CYM 310 - Ethical Hacking & Systems Defense
CYM 410 - Cybersecurity Risk Assessment
CYM 479 - Senior Capstone Seminar
CYM 495 - Internship

Homeland Security/Emergency Management Courses
HSEM 231 - Critical Infrastructure Protection
HSEM 320 - Strategic Intelligence
HSEM 491 - Post Disaster Response and Recovery

M.S. Course of Study

Required Courses
CS 552 - Object-Oriented Design
CS 553 - Networking Technologies
CS 554 - Operating Systems
CS 556 - Computer Architecture
CS 557 - Algorithms
CS 585 - Practical Java Programming
CS 699 - Professional Seminar

Graduate Computer Science Electives
Students complete 9 credits/3 three-credit courses.

Apply Today

Apply online using the Common App or directly at apply.rivier.edu.

Innovative Employment Promise Program

Rivier's Employment Promise Program enhances the career preparation and employability of students in all academic disciplines. The program includes mentorship through Rivier's Career Development Center and a specialized, four-year academic/professional development plan that incorporates experiences proven to increase overall employability and success in the job search process.

Confidence in the quality of a Rivier education enables the University to ensure invested students will secure employment within nine months of graduation. If not, the University will provide the student additional financial or educational support. Get more information at **rivier.edu/epp**.

You're Invited

Attend an on-campus event, or schedule an individual campus tour for you and your family. You can access a complete listing of events and register online at **events.rivier.edu** or call us at (603) 897-8507.

Academic Accreditation

Rivier University is accredited by the New England Commission of Higher Education (NECHE).

Quick Links

Ask a Question – admissions@rivier.edu

Schedule a Visit – events.rivier.edu

Talk to an Admissions Counselor – rivier.edu/team

Tuition & Fees – rivier.edu/tuition