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 demonstrate 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 Tech Hub opened in 2022

100%
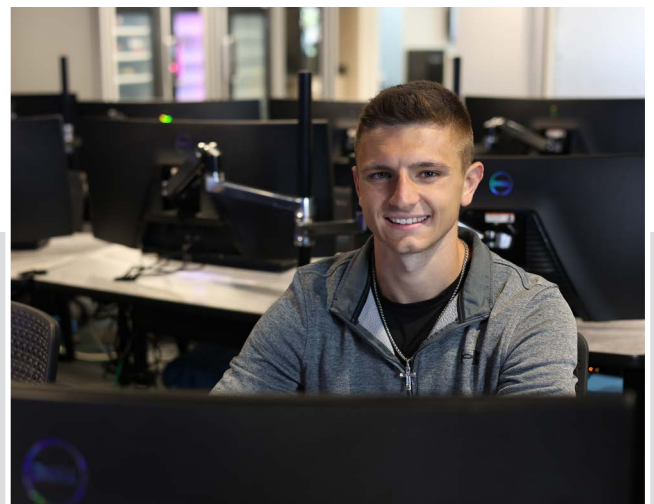of students complete internships, field experiences, or service learning programs

36,000 sq. ft.
cutting-edge Science & 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 COURSES

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

COMPUTER SCIENCE REQUIRED COURSES

COMP 245	Introduction to Computer Architecture
COMP 301	Computer Science Fundamentals
COMP 308	Computer Networks
COMP 335	Database Management Systems
COMP 448	Computer Security

CYBERSECURITY REQUIRED COURSES

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

HOMELAND SECURITY/EMERGENCY MANAGEMENT REQUIRED COURSES

HSEM 231	Critical Infrastructure Protection
HSEM 320	Strategic Intelligence
HSEM 491	Post Disaster Response and Recovery

M.S. Course of Study

REQUIRED COURSES

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

GRADUATE COMPUTER SCIENCE ELECTIVES

Students complete nine credits/three three-credit courses.

The University reserves the right to make changes when appropriate and necessary as needed without notification. (0824)

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 features a tailored four-year academic and professional development plan, integrating experiences that have been shown to enhance overall employability and improve job search success.

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*.

Academic Accreditation

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

Rivier's undergraduate programs in Business Management, Cybersecurity Management, Finance, Marketing, and Sport Management, as well as our MBA programs, are accredited by the Accreditation Council for Business Schools and Programs (ACBSP, 11520 West 119th Street, Overland Park, KS 66213, (913) 339-9356, www.acbsp.org.)

Quick Links

Ask a Question
admissions@rivier.edu

Talk to an Admissions Counselor
rivier.edu/team

Schedule a Visit
events.rivier.edu

Tuition & Fees
rivier.edu/tuition

Apply today!

Easily apply on **common app** or online at **apply.rivier.edu**