



Slippery Rock University Campus

**Slippery Rock University (SRU)** is a premier four-year, public university offering more than 150 profession-focused and industry-aligned undergraduate, master's and doctoral programs. As a leading regional comprehensive institution with a broad array of accredited programs serving more than 8,000 students, SRU is continually recognized for its quality, innovation and affordability.

The University has been named a "Best Mid-Atlantic College" by The Princeton Review and "Best Regional Universities" by U.S. News & World Report. The vibrant 660-acre campus features a suite-style residential village, state-of-the-art academic facilities, a new intramural field and athletic venues for its 17 NCAA Division II teams. Accredited by the Middle States Commission on Higher Education, SRU is a leading member of Pennsylvania's State System of Higher Education.

### DESIGNATIONS

- CAE-Cyber Defense

### CONTACT INFORMATION

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A degree in cybersecurity from SRU prepares students for careers in a wide array of fields including information security, network management, secure software development, software assurance and security governance. The cybersecurity curriculum facilitates and prepares students with all-inclusive knowledge of advanced, practical and secure coding practices for software and data applications in cybersecurity domains.

Students will be exposed to a comprehensive coverage of various interdisciplinary topics including: network administration, cryptography, software assurance, secure coding, security tools, security analysis, project management, incident response, automation, data science and data analytics, process automation, post-mortem deep forensics, ethical reasoning, malware behavior and analysis.

The cybersecurity program at SRU encompasses classes within specific academic departments as well as liberal studies curriculum. Students have numerous opportunities to collaborate with faculty in undergraduate research. The Center for Cybersecurity and Advanced Computing (C2AC) at SRU facilitates many collaborative research opportunities focusing on cybersecurity, AI, ethics, social engineering, emotional intelligence models, trustworthy computation and security protocols that students should know and be able to apply independently as part of the future cyber workforce.