



Radford University Center for Information Security

At **Radford University's** School of Computing and Information Sciences (SCIS), undergraduate students can delve into the realm of cybersecurity through programs like the BS in Computer Science and Technology and the BS in Cybersecurity. The Center for Information Security, nestled within SCIS, spearheads a multi-disciplinary initiative in collaboration with the Departments of Criminal Justice, Mathematics and Statistics, and the Forensic Science Institute, underscoring the university's comprehensive approach to cybersecurity education.

Among its notable activities, SCIS hosts the annual RUSecure CTF cyberdefense contest, now in its ninth year, attracting over 1,200 high school students who first receive preparatory training in cybersecurity before engaging in the spring semester competition. Additionally, SCIS organizes camps for K-12 educators, recently supported by NSA Gencyber

camp funding for the years 2022 to 2024.

Faculty members at SCIS are actively involved in research alongside undergraduate students, focusing on emerging areas such as IoT security and 5G networks, bolstered by grants from the Commonwealth Cyber Initiative's Southwest node in 2022-23. Beyond the classroom, the university encourages participation in extracurricular and experiential learning opportunities, notably through the Cyber Defense Club team. This team has achieved remarkable success, including a 39th place ranking out of 521 colleges in the National Cyber League's Fall 2023 Cyber power rankings and a 4th place finish in the 7th annual Commonwealth Cyber Fusion competition in February 2024.

Student research initiatives have also garnered recognition, with a project on IoT security winning the People's Choice Award at the Southwest Virginia Commonwealth Cyber Initiative Student Researcher showcase in April 2023. Another group of students clinched victory in the entrepreneurial Spring Challenge sponsored by CyberCivilian and funded by a grant in June 2023.

Additionally, faculty and staff from the Mathematics and Statistics departments have enriched the academic experience with a cryptography-focused trip to Washington D.C., London, Paris, and Normandy in Spring 2024, further illustrating the university's commitment to offering diverse and impactful learning experiences in the field of cybersecurity.

DESIGNATIONS

- CAE-Cyber Defense

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