BINGHAMTON
U N I V E R S I T Y
STATE UNIVERSITY OF NEW YORK

Binghamton University Campus.

Binghamton University is among the four doctoral-granting research universities in the State University of New York system.

Established in 1946, it has built a strong reputation for superb education and research. Rated as a "Doctoral University: Very High Research Activity (R1)" by the Carnegie Classification of Institutions of Higher Education, Binghamton University consistently ranks among the top 50 public universities in the nation by the U.S. News & World Report. The university has over 18,000 undergraduate and graduate students enrolled in the 2023-2024 academic year.

The Center for Information Assurance and Cybersecurity (CIAC) at Binghamton University aims to bring together the existing strengths of cybersecurity researchers and create synergies

greater than their individual research efforts. The center's vision is to advance research and education in information assurance and cybersecurity across various domains, from securing critical digital infrastructure to protecting individuals' personal data.

CIAC has 26 members conducting cybersecurity research related to hardware architecture, networks, the Internet of Things, malware detection, forensics, steganography, steganalysis, machine learning, social network analysis, and security policy compliance and governance. In 2020, Binghamton University was designated as a National Center of Academic Excellence in Cyber Defense Research (CAE-R) through CIAC.

Binghamton University offers a growing curriculum in cybersecurity, comprising 21 cybersecurity courses. Cybersecurity is also integrated into many required and elective courses across various disciplines.

The university offers multiple cybersecurity-focused programs, including graduate and undergraduate cybersecurity tracks within the Computer Science Department, an information assurance area of specialization within the Department of Electrical and Computer Engineering, and a graduate-level advanced certificate program in cybersecurity.

DESIGNATIONS

• CAE-Research

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