

Undergraduate Program in Cyber Security

Caucasus School of Technology (CST) was established in 2008 and has developed academic programs on undergraduate and graduate level, meeting international standards and satisfying demands of local and global labor markets.

Prepare for a dynamic career in the rapidly evolving field of cybersecurity with our comprehensive undergraduate program. This program equips students with a strong foundation in both theoretical and practical aspects of cybersecurity, preparing them for advanced studies or immediate entry into the workforce.

Program duration
4 Academic years
Degree level
Bachelor- 180 ECTS
Entry requirements
Secondary education
Proof of English Language Proficiency (B2 Level, IELTS-6.0/TOEFL-78)
Recorded Video Interview
Required documents
Online Registration Form
CV / Resume
2 Photos
Notarized copy of Passport
Notarized copy of High School Accomplishment Certificate
Deadlines
Fall Semester - May 20
Spring Semester - October 20
Program language of instruction
English
Tuition fee
5 500 USD per year
Accreditation
Program is authorized and accredited by The Ministry of Education, Science & Youth of Georgia
Contact info
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Program Content:

Expected Qualification
- Bachelor of Cybersecurity

General Educational Courses
- Academic Writing
- Hist/Phil/Psyc/Soci/Pols

Specialization Course Areas
Mandatory:
- Math
- Programming
- Algorithms & Data Structures
- Ethical Hacking
- Cryptography
- Hacking & Forensic Investigation
- Cyber Security & Event Mgmt
- Cyber Security Risk Mgmt
- Intrusion Detection & Prevention

Electives
- Web Technologies
- Software Engineering
- Programming Languages
- IT Project Mgmt

Bachelor's Thesis

What You'll Learn:

Core Cybersecurity Principles:
Understand security design, identify vulnerabilities, and implement effective security mechanisms.

ICT Fundamentals:
Gain in-depth knowledge of information and communication technologies, including algorithms and software tools.

Practical Skills:
Develop hands-on skills in incident response, cybercrime investigations, and the implementation of cryptographic protocols.

Risk Assessment and Management:
Learn to evaluate complex systems, identify potential risks, and deploy appropriate security technologies.

Ethical and Professional Development:
Make reasoned decisions based on ethical principles, develop teamwork and leadership skills, and plan your continuous professional growth.

This comprehensive program equips students with a versatile skill set highly valued in Georgia's growing tech ecosystem and the global job market, providing multiple pathways for career growth and specialization

Benefits

CST students have an opportunity to participate in many interesting activities and events like: hackathons, programming contests, student conferences, sport competitions, field trips, hiking events, etc.

CST Students can collaborate with the Innovation and Entrepreneurship Center and participate in activities such as start-up promotion, forming a start-up team, start-up acceleration, and pitching start-up ideas.