საქართველოს ტექნიკური უნივერსიტეტი
1922 წლიდან

Bachelor's Educational Program

Computer Science

Faculty

Faculty of Informatics and Control Systems

Program Supervisor/ Supervisors

Professor Mariam Chkhaidze
Professor Tamar Lominadze
Professor Lily Petriashvili

Qualification to be Awarded, and the Number of Credits in the Program

The **Bachelor of Computer Science** degree will be awarded upon the completion of at least 240 credits

Program Educational Objectives

- Graduates of the program will effectively apply computational techniques and algorithmic principles to address real-world challenges in various domains by designing and developing data-driven solutions for complex problems in both industry and academia.
- Graduates will demonstrate ethical and professional conduct, understanding the societal impact of computing solutions, and adhering to ethical principles in their professional practice.
- Graduates will pursue lifelong learning and professional development through advanced degrees, certifications, or self-guided exploration of emerging technologies, staying at the forefront of advancements in the field of computer science.

Student Learning Outcomes

- **Analyze** a complex computing problem and to apply principles of computing and other relevant disciplines to **identify** solutions.
- **Design**, **implement**, and **evaluate** a computing-based solution to meet a given set of computing requirements in the context of the program's discipline.
- **Communicate** effectively in a variety of professional contexts.
- **Recognize** professional responsibilities and **make** informed **judgments** in computing practice based on legal and ethical principles.
- **Function** effectively as a member or leader of a team engaged in activities appropriate to the program's discipline.
- **Apply** computer science theory and software development fundamentals to produce computing-based solutions.