Arizona State University (Tempe campus)

Computer Systems Engineering (Cybersecurity), BSE

Study details

Course type: Bachelor's degree
Degree: Computer Systems Engineering (Cybersecurity), BSE ESCSEIBSE
Study mode: Full time
Duration: 48 Month

Cost of study

Cost : 35 430 USD
Reg. fee : 85 USD
Scolarship :
Insurance : 2 765 USD

Intake/s

Jan/May/Aug

Requirements

Academic requirements

First-year students must:

- Have a 3.00 grade point average (GPA) (a "B" or better where "A"=4.00) from a secondary school. Some ASU programs may have higher admission or English proficiency requirements and may consider a minimum ACT or SAT score.
- Must have three years of high school coursework. (If you are currently in high school, ASU needs to see 9–11 grade coursework. If you have completed high school, ASU needs to see 10–12 grade coursework.)
- Must have and present a completed high school diploma or certificate.

Conditional admission

ASU may offer conditional undergraduate admission to international applicants to an on-campus program who meet the academic (aptitude) requirements but who are not proficient in English. This offer of conditional admission will give you time to improve your English proficiency before you start classes at ASU. Your conditional admission offer is good for up to three semesters, during which time you must meet one of these requirements to begin your ASU experience.

Competency requirements

International students who completed high school outside the U.S. are required to meet the following competency requirements:

78a Vazha Pshavela Ave, Tbilisi, Georgia
Phone: +995 322 96 11 22
Mobile: +995 596 96 11 22

info@sach.ge
www.sach.ge
Study Abroad Consultant Hub © 2025

- Math: four years (algebra I, geometry, algebra II and one course requiring algebra II as a prerequisite).
- Laboratory science: three years total (one year each from any of the following areas are accepted: biology, chemistry, earth science, integrated sciences and physics).

Additional requirements:

The admission standards for majors in the Ira A. Fulton Schools of Engineering, shown below, are higher than minimum university admission standards. International students must meet the same admission standards, with the possible additional requirement of a minimum English language proficiency test score. If the university requires an English proficiency test score from the applicant, then admission to engineering requires a minimum TOEFL iBT score of 79 (internet-based test, taken in a testing center), a minimum IELTS score of 6.5, a minimum PTE score of 58, a minimum Duolingo English score of 105, or a minimum Cambridge English exam score of 176.

First-year admission:

1. minimum SAT score of 1210 for evidence-based reading and writing plus math or minimum ACT composite score of 24, **or** a minimum high school cumulative GPA of 3.00 in ASU competency courses, **or** class ranking in top 25% of high school class, **and**
2. no high school math or science competency deficiencies

Accommodation

Provided by partner agencies

Speciality
STEM-OPT for international students on F-1 visas

This program may be eligible for an Optional Practical Training extension for up to 24 months. This OPT work authorization period may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension at ASU's International Students and Scholars Center website.

The OPT extension only applies to students on an F-1 visa and does not apply to students completing a degree through ASU Online.

Transfer admission requirements:

Transfer students with fewer than 24 transferable college credit hours:

1. minimum transfer GPA of 3.00 for fewer than 24 transfer hours, **and**
2. no high school math or science competency deficiencies, **and**
3. minimum SAT score of 1210 for evidence-based reading and writing plus math (or 1140 if taken prior to March 5, 2016) or minimum ACT composite score of 24, **or** a minimum high school GPA of 3.00 in ASU competency courses, **or** class ranking in top 25% of high school class

Transfer students with 24 or more transferable college credit hours must meet EITHER the primary OR the secondary criteria (not both):

78a Vazha Pshavela Ave, Tbilisi, Georgia
Phone: +995 322 96 11 22
Mobile: +995 596 96 11 22

info@sach.ge
www.sach.ge
Study Abroad Consultant Hub © 2025

Primary criteria

1. minimum transfer GPA of 3.00 for 24 or more transfer hours, **and**
2. no high school math or science competency deficiencies (if ASU Admission Services requires submission of a high school transcript)

Secondary criteria

1. minimum transfer GPA of 2.75 for 24 or more transfer hours, **and**
2. minimum GPA of 2.75 in all critical courses: CSE 110 Principles of Programming, CSE 205 Object-oriented Programming and Data Structures, MAT 265 Calculus for Engineers I, and MAT 266 Calculus for Engineers II

Additional information

Program description

The BSE program in computer systems engineering with a concentration in cybersecurity provides students with the knowledge and skills they need to build dependable and secure information systems and networks and to ensure the integrity and quality of the information being stored, processed and transmitted.

ASU has been certified as a National Center of Academic Excellence in Information Assurance Education and a National Center of Academic Excellence in Information Assurance - Research by the National Security Agency and the Department of Homeland Security. Information assurance courseware at ASU has been certified by the Information Assurance Courseware Evaluation Program to satisfy the standards for Information Systems Security Professionals (NSTISSI 4011) and Senior Systems Managers (CNSSI 4012).

Domestic students enrolled in the cybersecurity concentration are eligible for federal fellowships such as the Department of Defense Information Assurance Scholarship Program and the Federal Cyber Service Scholarship for Service Program. https://ctf.asu.edu/

Accredited by the Engineering Accreditation Commission of ABET, https://www.abet.org, under the General Criteria and the Computer Engineering Program Criteria.

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

- Computer Science (Big Data Systems), MCS
- Computer Science (Big Data Systems), MS

78a Vazha Pshavela Ave, Tbilisi, Georgia
Phone: +995 322 96 11 22
Mobile: +995 596 96 11 22

info@sach.ge
www.sach.ge
Study Abroad Consultant Hub © 2025

- Computer Science (Biomedical Informatics), MS
- Computer Science (Cybersecurity), MCS
- Computer Science (Cybersecurity), MS
- Computer Science (Media Arts and Sciences), MS
- Computer Science, MCS
- Computer Science, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program.

Global opportunities
Global experience

Students learn to thrive in a global environment through the rich educational and interpersonal experiences inherent in study abroad. A resume enhanced by the valuable study abroad experience will impress prospective employers and will also help the student stand out should they decide to pursue advanced study.

With over 300 Global Education program opportunities available to them, students are able to tailor their experience to their unique interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

Career opportunities

Computer scientists are highly sought-after in diverse areas and industries, including education, logistics, tech, government and security.

Graduates of the Bachelor of Science in Engineering program in cybersecurity find employment in a variety of capacities, including computer systems and software development and research on information assurance technologies. Related jobs may include:

- computer forensic data analysis
- information security consulting
- information systems security engineering
- network security engineering
- secure information systems and networks design

78a Vazha Pshavela Ave, Tbilisi, Georgia
Phone: +995 322 96 11 22
Mobile: +995 596 96 11 22

info@sach.ge
www.sach.ge
Study Abroad Consultant Hub © 2025