



Arizona State University (Polytechnic Campus)

Graphic Information Technology (Full-Stack Web Development), BS

Study details

Course type: Bachelor's degree

Degree: Graphic Information Technology (Full-Stack Web Development), BS ESGITFSWBS

Study mode: Full time

Duration: 48 Month

Cost of study

Cost : 35 430 USD

Reg. fee : 85 USD

Scholarship :

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:

- 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).

Provide evidence of English language proficiency (TOEFL 61)

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.

Available online

Additional information

Program description

The BS program in graphic information technology with a concentration in full-stack web development focuses on front-end and back-end website and application development. This cross-disciplinary program has a foundation in user-centered design and client-side scripting (HTML, CSS, JS) and extends to server-side programming (PHP, Python, SQL, etc.).

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:

- Graphic Information Technology, 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

With more than 300 Global Education program opportunities available, graphic information technology students are able to tailor their experience to their specific 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

Chosen by Indeed as the best job of 2023, and showing a 56% increase in job postings between 2020 and 2023, full-stack web developer positions seek those who possess skills that allow them to create web applications from the ground up.

The Bureau of Labor Statistics also shows that these positions offer salaries that can be two to three times more than the national average, and that growth of the field from 2022 to 2032 is expected to far out pace that of the average for all careers (16% compared to 3%).

Full-stack web developers possess knowledge of programming languages and concepts that allows them to shift and grow with the ever-evolving field of web development while also allowing them to work across teams to complete projects. In an article from MongoDB, the top languages listed for these positions include HTML, CSS, JavaScript, Python, Java, Node and PHP, all of which are either used in program courses or electives.

Top industries where graduates land include computer software, IT, financial services and higher education. Google, Apple, Fidelity Investments, IBM and Capital One are among the top companies hiring full-stack developers.