

Computer Information Systems, BS


BACISBS

Program description

Computer information systems are part of every business and organization. In this degree program, students learn about the exciting and innovative ways that information technology is used to help organizations succeed.

Dedicated faculty members teach students how to design, build and maintain information systems that support business operations and managerial decision-making. In particular, students learn about business intelligence for competitive advantage, business process for workflow redesign, data management for decision-making, distributed systems for collaboration and globalization, enterprise integration for synergy, project management and solution development for value creation.

At a glance

- **College/School:** [W. P. Carey School of Business](#)
- **Location:** [Tempe](#) or [Online](#), [ASU Local](#)
- **Second language requirement:** No
- **First required math course:** MAT 210 - Brief Calculus
- **Math intensity:** Moderate 

Required courses (Major Map)

[2024 - 2025 Major Map \(on-campus\)](#)

[2024 - 2025 Major Map \(online\)](#)

[Major Map \(Archives\)](#)

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 choose a 3-year path while participating in the same high-quality educational experience of a 4-year option. Students can opt to fast-track their studies after acceptance into a participating program by connecting with their academic advisor. Fast track options appear at the top of the major map.

This program also 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:

[Information Systems Management, 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. Interested students can learn about eligibility requirements and [how to apply](#).

Admission requirements

General university admission requirements:

All students are required to meet general university admission requirements.

[First-year](#) | [Transfer](#) | [International](#) | [Readmission](#)

Additional requirements:

First-year admission requirements: 1230 SAT Reasoning or 25 ACT score, or graduated in the top 8% of high school class, or have an overall high school GPA of 3.40 in ASU competency courses (scale is 4.00 = "A").

First-year applicants should select an additional major when applying for admission. Additional choices may include any of the W. P. Carey business BA programs or any other degree program outside of the W. P. Carey School of Business. Students who are not admissible to a W. P. Carey business BS major and who did not select a second major or are not admissible to their second major choice are placed in a business Bachelor of Arts program in the W. P. Carey School of Business.

Readmission requirements: Students must meet first-year admission requirements by way of high school GPA, test score or class rank and must have a transfer GPA of 3.00 (if applicable) and a cumulative ASU GPA of 3.00.

Transfer admission requirements:

Transfer admission requirements (30 or more credit hours after high school): transfer GPA of 3.00 and a score of 1160 (prior to March 2016) or 1230 SAT Reasoning (after March 2016) or 25 ACT score, or

graduated in the top 8% of their high school class, or have an overall high school GPA of 3.40 in ASU competency courses (scale is 4.00 = "A").

Transfer students should select an additional major when applying for admission. Additional choices may include any of the school's Bachelor of Arts programs or any other business or other degree program outside the W. P. Carey School of Business.

Students who are admissible to the university but do not meet admission requirements for this degree and did not select a second major or are not admissible to their second major choice will be placed in a Bachelor of Arts program in the W. P. Carey School of Business. Students not interested in the degree or campus location may reach out to wpcareyug@asu.edu for assistance selecting another degree program.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about [ASU tuition and financial aid](#) options to find out which will work best for them.

Change of Major Requirements

Students should visit the [W. P. Carey School of Business](#) website to determine if they meet change of major requirements. Students ready to change their major should submit their request through the school's [advising website](#).

Students should visit the [Change of Major form](#) for information about how to change a major to this program.

Attend online

ASU Online

ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may [view the program's ASU Online page](#) for program descriptions and to request more information.

ASU Local

It is now possible to earn an ASU degree with [ASU Local](#), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use [MyPath2ASU®](#) to outline a list of recommended courses to take prior to transfer.

ASU has [transfer partnerships](#) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience

As globalization continues to impact the way people live and work, international experiences have become vital to success in every field of business. Through [international study and internships](#), students gain valuable skills employers are looking for, including communication and interpersonal skills, flexibility, motivation, and a real-life perspective on business applications worldwide.

The W. P. Carey School of Business recommends [these programs](#) for students majoring in computer information systems.

Career opportunities

Currently, there is a shortage of information systems professionals, with many more jobs than qualified applicants. With a degree in computer information systems, career choices are limitless. A computer information systems degree offers job opportunities in a variety of industries, including:

- education
- entertainment
- finance
- health care
- national defense
- transportation

Information systems are key components in the success of other functional business areas such as accounting, supply chain management, finance and marketing. Entry-level information systems positions include:

- computer forensics analyst
- database administrator
- information systems consultant
- information technology security manager
- network administrator
- project manager

- software or systems developer
- systems administrator
- systems analyst

Long-term career aspirations for a graduate with a computer information systems degree could include:

- chief executive officer
- chief information officer
- chief knowledge officer
- chief security officer
- chief technology officer

Example job titles and salaries listed below are not necessarily entry level, and students should take into consideration how years of experience and geographical location may affect pay scales. Some jobs also may require advanced degrees, certifications or state-specific licensure.

Career	*Growth	*Median salary
<u>Business Intelligence Analyst</u> ☀	35.2%	\$103,500
<u>Computer Network Administrator</u>	2.5%	\$90,520
<u>Computer Programmer</u>		\$97,800
<u>Computer Systems Analyst</u> ☀	9.6%	\$102,240
<u>Corporate Web Developer</u> ☀	9.7%	\$98,740
<u>Data Management Specialist</u> ☀	10.0%	\$134,870
<u>Database Administrator (DBA)</u> ☀	7.0%	\$99,890
<u>Information Security Analyst</u> ☀	31.5%	\$112,000
<u>Information Technology Manager (IT Manager)</u> ☀	15.4%	\$164,070
<u>Software Developer</u> ☀	25.7%	\$127,260

* Data obtained from the Occupational Information Network (O*NET) under sponsorship of the U.S. Department of Labor/Employment and Training Administration (USDOL/ETA).

☀ [Bright Outlook](#)

Contact information

[Department of Information Systems](#) | BAC 601
wpcareyis@asu.edu | 480-965-3252