Arizona State University (Tempe campus)

Business Data Analytics, BS

Study details

Course type: Bachelor's degree
Degree: Business Data Analytics, BS BABDABS
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:

- 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)

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 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 will be 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.

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 admission requirements (30 or more credit hours after high school): transfer GPA of 3.00 and one of the following: 1160 (prior to March 2016) or 1230 SAT Reasoning (after March 2016) 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").

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 program 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.

Available online

Additional information

Program description

The BS program in business data analytics prepares business students with the requisite knowledge, skills and experience to create and manage big data initiatives and associated business processes in order to facilitate large-scale business data analytics in organizations.

Students learn organizational and technical competencies to implement data gathering, cleansing, integration and modeling tasks as well as data asset analysis for business applications. The program covers data warehousing, dimensional modeling, big data analytics methods and visualization tools and techniques, and it introduces topics such as data mining and predictive analytics.

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:

- Business Analytics, MS
- Global Management (Creative Industries and Design Thinking), MGM
- Global Management (Data Science), MGM
- Global Management (Digital Audience Strategy), MGM
- Global Management (Global Affairs), MGM
- Global Management (Global Business), MGM
- Global Management (Global Development and Innovation), MGM
- Global Management (Global Digital Transformation), MGM
- Global Management (Global Entrepreneurship), MGM
- Global Management (Global Health Care Delivery), MGM
- Global Management (Global Legal Studies), MGM
- Global Management (Nonprofit Leadership and Management), MGM
- Global Management (Public Administration), MGM
- Global Management (Public Policy), MGM
- Global Management (Sustainability Solutions), MGM
- Global Management (Sustainable Tourism), MGM

- Global Management, MGM

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

As globalization continues to impact the way the world lives and works, international experiences have become vital to business data analytics students. Through international study and internships, students can gain valuable skills employers are looking for: communication and interpersonal skills, flexibility, motivation, and a real-life perspective on business applications worldwide. International experiences can help students understand new perspectives in the usage of data at an international scale. Business data analytics students in particular benefit from thinking about participating in a Global Education program early in their program. Students can leverage global opportunities and learning, which are great assets as students prepare for internships; students also can share these unique experiences with recruiters.

Career opportunities

The demand for employees with business analytics skills is strong, with close to 89% of employers indicating their needs for new recruits skilled in business data analytics will increase in the future source: Occupational Information Network.

Graduates can become data analysts, data architects, data visualization developers, data change agents and data operators. Many graduates serve as architects, change agents and analytics tool suite operators for business and government.