



Arizona State University (Downtown Phoenix)

Biostatistics, MS

Study details

Course type: Master's degree

Degree: Biostatistics, MS NHBSTMS

Study mode: Full time

Duration: 24 Month

Cost of study

Cost : 38 526 USD

Reg. fee : 115 USD

Scholarship :

Insurance : 2 765 USD

Intake/s

Jan/Aug

Requirements

Admission requirements

- Applicants must fulfill the requirements of both the Graduate College and the College of Health Solutions.
- Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in biomedical informatics, demography, mathematics, public or population health, social sciences or statistics from a regionally accredited institution.
- Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:

- graduate admissions application and application fee
- official transcripts
- professional resume
- two references (academic or professional)
- statement of purpose
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency (TOEFL 80 (no band below 20) (IELTS 6.5 at least 6.0 in all skills)) regardless of current residency.

All applicants must have completed and passed an undergraduate statistics course (e.g. HCD 300, STP 226, ECN 221, or PSY 230), a linear algebra course (e.g. MAT 242, MAT 342 or MAT 343), and a calculus course (e.g. MAT 210, MAT 251 or MAT 270) prior to admission. If the requisite coursework is not completed prior to admission, then it must be completed prior to matriculating.

Contact information of two references is required. References will be contacted via email to submit a letter of recommendation. Letters of recommendation are preferably written by instructors, research mentors or supervisors who can speak to the applicant's aptitude for research and graduate-level coursework.

The statement of purpose should be one to two pages that indicate the applicant's interest in the program, knowledge of the field, and career plans. Applicants are encouraged to connect with program faculty who could be potential research mentors and include this information in their statement, if available at the time of application.

Accommodation

Provided by partner agencies;

On-campus housing and meals \$18,933

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.

Additional information

Program description

Degree awarded: MS Biostatistics

The MS program in biostatistics provides training in applied biostatistical methodology and its applications to solve practical problems in health-related sciences. Expertise is necessary to design, implement, evaluate and disseminate research and translate information into improved health outcomes for individuals, systems and populations. Students in this program learn fundamental biostatistics skills that provide the knowledge necessary for effective collaboration with health researchers. Students learn how to design randomized, controlled clinical trials and intervention studies to guarantee data quality and make valid causal inferences. An applied research focus and mentorship approach aids students as they work to solve a real health-related research problem to complete their program.

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:

- Health Care Administration and Policy, BS

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.

Career opportunities

Students with a Master of Science in biostatistics can be employed in academic institutions, government agencies and health-related industries. Graduates are well-positioned to support public health needs. Career opportunities include:

- biostatisticians
- data scientists
- professors
- senior data analysts
- statisticians

These positions are all classified as "Bright Outlook occupations" from the Bureau of Labor Statistics, which is officially defined as the occupations expected to grow rapidly in the next several years with large numbers of job openings. They are new and emerging occupations with potential high salaries.