

Advanced Analytics in Higher Education (Graduate Certificate)

TEAAHEGRCT

ASU is no longer accepting new students to this program. Please explore Degree Search for other similar program options.

Learn to conduct the advanced analytics that are needed to support data-driven decision-making in all academic and operational areas of higher and postsecondary education.

Program description

Degree awarded: Certificate Advanced Analytics in Higher Education (Certificate)

This graduate certificate program in advanced analytics in higher education is designed to give graduates the ability to extract, arrange and analyze data in the service of addressing complex administrative challenges in higher education.

The coursework addresses the application of data mining, predictive analytics, sentiment analysis and data visualization techniques to organizational challenges common in higher education. This work is designed to prepare graduates to use data in their decision-making processes. Students apply the knowledge and skills learned while gaining an understanding of the security and ethical considerations of analytics.

At a glance

- **College/School:** [Mary Lou Fulton Teachers College](#)
- **Location:** [Tempe](#) or [Online](#)

Degree requirements

15 credit hours

Required Core (15 credit hours)

HED 603 Foundation of Data Analytics in Higher Education (1)

HED 604 Analytics Process and Technology in Higher Education (2)

HED 605 Data Management and Preparation for Higher Education Analytics (3)

HED 606 Advanced Analytic Methods for Higher Education (3)

HED 607 Visualization and Presentation for Higher Education (3)

HED 608 Trends in Advanced Analytic Methods for Higher Education (3)

Admission requirements

Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants are eligible to apply if they have earned a minimum of a bachelor's degree (business, economics, education, psychology or equivalent) or master's degree 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 a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:

1. graduate admission application and application fee
2. official transcripts
3. personal statement describing the applicant's interests and reason for seeking this certificate
4. resume
5. proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of [English proficiency](#) regardless of their current residency.

Applicants are required to have at least one year of experience working in an education-related field and to have taken at least one graduate or undergraduate statistics course, finishing with a grade of "B" (scale is 4.00 = "A") or better.

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.

Career opportunities

Graduates with expertise in advanced analytics are prepared for educational careers in academic and operational areas in colleges and universities.

Career examples include:

- college program director
- computer database architect
- data analyst
- database administrator
- data management specialist

Contact information

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