Post-Baccalaureate Executive Certificate in Business Analytics

About This Program

In keeping with the mission of The University of Texas at Arlington to provide lifelong learning opportunities, the Department of Information Systems and Operations Management offers a Post-Baccalaureate Executive Certificate in Business Analytics. The program prepares management practitioners in advanced data analytics methodologies and enables them to practice data-driven decision making. This post-baccalaureate certificate provides an educational opportunity that is narrower in scope, and shorter in duration, than graduate degree programs. It is designed for working professionals who currently hold full-time employment and are interested in learning and applying business analytics techniques in their current roles but don't have the time or motivation to enroll in a full time traditional master's degree program. This program is usually offered in collaboration with a sponsoring organization.

Competencies

1. Upon completion, students will be proficient in performing feature engineering, including processing both structured and unstructured data.
2. Upon completion, students will demonstrate an understanding of supervised and unsupervised algorithms, including the ability to build, tune, evaluate, and interpret various machine-learning models.
3. Upon completion, students will be able to align analytics solutions with business objectives.
4. Upon completion, students will be proficient in using advanced Artificial Intelligence and Machine Learning techniques to solve real-world problems.

Admissions Criteria

To be considered for admission students must present the following:

- Bachelor's degree from an accredited university
- At least 3 years of relevant work experience
- Personal statement from the candidate
- Reference letter from supervisor/manager
- Successful interview with Program Advisor

Curriculum

Foundations

BSTAT 5325	ADVANCED METHODS FOR ANALYTICS	3
INSY 5339	PRINCIPLES OF BUSINESS DATA MINING	3
INSY 5376	BIG DATA ANALYTICS	3
INSY 5378	DATA SCIENCE: A PROGRAMMING APPROACH	3
Total Hours		**12**

Program Completion

Students must complete 12 graduate credit hours and maintain a grade point average of 3.0 or higher. The certificate will be completed in about 6 months.

Students that initially enroll in the Executive Certificate in Business Analytics may later use up to 12 hours of coursework from the Certificate program toward the Master of Science in Business Analytics degree.

Advising Resources

Contact the Information Systems & Operations Management Department for graduate program inquiries and academic advising.

Location:

College of Business, Room 535

Email:

isom@uta.edu

Phone:

817-272-3502

Web:

Inquiries & Advising (https://www.uta.edu/academics/schools-colleges/business/departments/information-systems-and-operations-management/)