

Applied Analytics, Graduate Certificate (Online)

In a global environment characterized by digital transformation, rapid change, and high levels of uncertainty, the ability to hire, reskill, and upskill analytic talent is a major driver of organizational performance. The Graduate Certificate in Applied Analytics in the College of Professional Studies is designed to prepare students to develop analytical skills to support decision making in an organization's strategy. The certificate curriculum focuses on data discipline, navigating the sea of information that is generated by machines; technical ability, understanding how machines function and how to interact with them; and the human discipline, what humans can do that machines, for the foreseeable future, cannot emulate. The program emphasizes experiential learning.

Program Requirements

Complete all courses and requirements listed below unless otherwise indicated.

Required Core Courses

Code	Title	Hours
ALY 6105	Introduction to Applied Statistics	3
ALY 6115	Foundations of Data Analytics	3
ALY 6145	Communication and Visualization with Data	3
Complete 3 semester hours from the following:		3
ALY 6125	Intermediate Analytics	
ALY 6610	Data Mining Applications	
ALY 6620	Big Data and Cloud Computing	

Program Credit/GPA Requirements

12 total semester hours required

Minimum 3.000 GPA required