

Business Operations Research

Graduate Certificate in Business Operations Research

CERTIFICATE CODE - CG47

The Certificate in Business Operations Research requires 12 credit hours, the coursework focuses on the rigorous evaluation of different scenarios to help firms find the optimal scenario to pursue.

Course Requirements. In order to satisfy the requirements of the certificate, a student must complete the required courses below. Note, that a cumulative GPA of 3.0 is required for completion of the certificate (a C or better is required in courses, with an overall cumulative GPA of 3.0).

Code	Title	Hours
BUDA 520	Data Management	3
BUDA 525	Business Statistical Methods 1	3
BUDA 540	Decision Sciences and Analytics	3
BUDA 545	Business Simulation Modeling	3
Total Hours		12

Certificate Learning Outcomes

BUSINESS OPERATIONS RESEARCH

Upon completion of this certificate, students will be able to:

1. Establish and maintain robust data collection and warehousing infrastructure.
2. Perform predictive analytics techniques using statistical software and communicate their results.
3. Conduct data simulation experiments of business scenarios and make inferences based on the results.