

# *Data Analytics Engineering, Graduate Certificate (Boston)*

The Data Analytics Engineering Graduate Certificate program focuses on fundamental concepts, tools and techniques to extract information from large data sets in order to support effective decision making. This program is designed to provide opportunities for students to master high-demand data intelligence skills through hands-on experience on data storage, data retrieval, data visualization and prediction.

This four-course graduate certificate enables the students to apply the fundamentals of engineering knowledge and skills to database design, data pre- and post-processing for further analysis, data visualization for impactful infographics, statistical concepts for quantitative analysis and data mining techniques and algorithms for knowledge discovery.

Note: MS in Data Analytics students are not eligible for this graduate certificate.

## **Program Requirements**

Complete all courses and requirements listed below unless otherwise indicated.

### **Core Requirements**

Code	Title	Hours
<b>Required Courses</b>		
IE 6400	Foundations for Data Analytics Engineering	4
IE 6600	Computation and Visualization for Analytics	4
IE 6700	Data Management for Analytics	4
IE 7275	Data Mining in Engineering	4

### **Program Credit/GPA Requirements**

16 total semester hours required

Minimum 3.000 GPA required