



# Graduate Catalog Addendum/Errata

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business, accounting, finance and management in a realistic business context.

## Learning Outcomes

- Compose query statements to implement the data definition and manipulation.
- Construct multidimensional data cubes analysis.
- Apply effective methods for analyzing, presenting and using informational data.
- Develop meaningful reports and visualization of business data analytics appropriate to a technical and non-technical audience.
- Articulate forecasting and predictive models for real-world analytical applications.

## Requirements

- BUSN 5760 Applied Business Statistics (3 hours)
- CSDA 5110 Analytics Programming with R (3 hours)
- CSDA 5210 Databases and Data Warehouses (3 hours)
- CSDA 5310 Data Visualization (3 hours)
- CSDA 5320 Analytics Applications using Python (3 hours)
- CSDA 5330 Machine Learning to Predictive Analytics (3 hours)

## Admission

See the Admission section of this catalog for general admission requirements. Students interested in applying must submit their application online at [www.webster.edu/](http://www.webster.edu/) apply. Transcripts should be sent from your institution electronically to [transcripts@webster.edu](mailto:transcripts@webster.edu). If this service is not available, send transcripts to:

Office of Admission  
Webster University  
470 E. Lockwood Ave.  
St. Louis, MO 63119

## Additional Admission

### Requirements

Requirements for admission to the Certificate in Data Analytics program include:

### Preliminary Skills and Prerequisite Courses:

To ensure adequate preparation in both information technology and business, an applicant to this data analytics program must have basic business and information technology knowledge. The Walker School of Business & Technology accepts individuals who have successfully graduated from undergraduate computer science information systems, mathematics, business administration, management, or similar degree programs and possess basic business, mathematics and information technology knowledge.

### Requirements

- Official transcripts from all of your previously attended colleges and universities (including community colleges and summer courses)

- To be eligible for this program, students must have either:

- Earned an undergraduate degree in business, management, computer science, data science, statistics, economics, biology, chemistry, or physics OR
  - Completed college-level algebra and statistics, with a B or better in both courses
  - Have work experience that includes business
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- Human Resources Management (MA)
- Management and Leadership (MA)
- Master of Business Administration (MBA)
- Project Management (Certificate)

**This campus is no longer accepting applications. Students are transitioning online**

## **Campus Locations and Offerings - United States Campuses - South Carolina**

The **Programs Offering** for **Webster University Fort Jackson** should read:

Programs offered:

- Business and Organizational Security Management (MA)
- **Data Analytics (Certificate)**
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