Big Data Analytics Graduate Certificate

What is the Big Data Analytics Graduate Certificate?

• The digital age is here to stay. Organizations now own and have access to unfathomable amounts of data. New technologies and efforts are needed to move on to the next phase of the digital revolution - the data revolution.

• To provide students with the knowledge necessary in this age of Big Data, the Department of Computer and Electrical Engineering and Computer Science (CEECS) and the Department of Information Technology and Operations Management (ITOM) have jointly designed the Big Data Analytics graduate certificate.

• This 12-credit certificate allows graduate students to expand their knowledge and skills in the concepts, technologies, and tools of business intelligence, data analytics and business analytics and be recognized for their achievement.

Why Big Data Analytics?

• Business Analytics (BA), also known as Business Intelligence (BI), is strategically important for every organization to maintain competitive advantage by extracting meaningful information from the flood of digital data collected by businesses, government, and scientific agencies.

• Business Analytics involves information technologies, applications, and practices for collection, integration, analysis, and presentation of business data and information.

• BA allows managers to extract information from the data to make decisions regarding operations, sales and marketing, and research and development of products and services.

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Admissions Requirements

The Big Data Graduate Certificate program has two tracks: Business and Computer Science.

Business Track
- Bachelor’s degree in Business or in a related field
- GPA of at least 3.0
- Students must satisfy the prerequisites for each course in the program
- All four courses must be completed with a GPA of 3.0 or better
- All course materials are in English; all international students must demonstrate proficiency in English to enter the program.

Computer Science Track
- Bachelor’s of Science degree in Computer Science or in a related field of science or engineering
- GPA of at least 3.0
- Students must satisfy the prerequisites for each course in the program
- All four courses must be completed with a GPA of 3.0 or better
- All course materials are in English; all international students must demonstrate proficiency in English to enter the program.

How Do I Apply?

For students who meet the admission requirements listed above, below are the following steps to follow in order to apply for the Big Data Graduate Certificate program:

- Please send transcripts reflecting the completion of your bachelor’s degree along with the application form to the College of Business Graduate Advisor for the Big Data Analytics Graduate Certificate in the College of Business. It would be best to send the above information to the College of Business Graduate Advisor prior submitting your non-degree application to FAU.
- Once you have been approved for the program, the College of Business Graduate Advisor will provide you with the program advising sheet so that you may select the classes you plan to complete.

Program Details

The certificate program has two tracks: Business and Computer Science. Choose one of the two tracks:

Business Track
- The Big Data Analytics certificate with a track in Business will be granted to a student who completes three 3-credit courses from the ITOM Business Analytics course list and one 3-credit course from the CS Data Analytics course list.

Computer Science Track
- The Big Data Analytics certificate with a track in Computer Science will be granted to a student who completes three 3-credit courses from the CS Data Analytics course list and one 3-credit course from the ITOM Business Analytics course list.

<table>
<thead>
<tr>
<th>ITOM Business Analytics Course List</th>
<th>Computer Science Data Analytics Course List</th>
</tr>
</thead>
<tbody>
<tr>
<td>Data Mining and Predictive Analytics</td>
<td>Introduction to Neural Networks</td>
</tr>
<tr>
<td>Database Management Systems</td>
<td>Social Networks and Big Data Analytics</td>
</tr>
<tr>
<td>Introduction to Business Analytics and Big Data</td>
<td>Data Mining for Bioinformatics</td>
</tr>
<tr>
<td>Advanced Business Analytics</td>
<td>Data Mining and Machine Learning</td>
</tr>
<tr>
<td>Social Media and Web Analytics</td>
<td>Information Retrieval</td>
</tr>
<tr>
<td>Data Analysis for Managers</td>
<td>Web Mining</td>
</tr>
<tr>
<td></td>
<td>Advanced Data Mining and Machine Learning</td>
</tr>
<tr>
<td></td>
<td>Big Data Analytics with Hadoop</td>
</tr>
</tbody>
</table>