BUSINESS ANALYTIC METHODS - GRADUATE CERTIFICATE

The business analytic methods certificate courses comprise the foundational topics in a business analytics curriculum, providing business analytics training for mid-career professionals in a number of roles, including human resources, pricing, optimization, procurement, finance, real estate and acquisition.

Designed for nondegree seeking students including working professionals, our online graduate certificates allow students to enroll part-time and advance at their own pace. Following the same curriculum provided to students on campus, online certificate students can choose to take courses synchronously with the live class, or asynchronously at their leisure over the course of the semester. As students progress through the certificate, they have the option to become graduate degree-seeking, applying their certificate coursework toward a formal MS business analytics degree.

Requirements

Admission Requirements
To be considered for the graduate certificate, applicants must possess an undergraduate degree. Nondegree students must apply through Continuing Education as nondegree students.

Course Prerequisites
Students applying to the graduate certificate are required to complete two course prerequisites.

The Business Analytics Overview requirement may be fulfilled by any one of the following:

- Successful completion of MSBC 5070
- Successful completion of similar coursework at another university
- Other qualifying education and/or work experience, as evaluated by Leeds faculty and admission staff

The R Programming Language requirement may be fulfilled by any one of the following:

- Successful completion of MSBX 5410
- Successful completion of similar coursework at another university
- Demonstrated experience and competency with the R Programming language as evaluated by Leeds faculty and admissions staff

Additional Materials
In addition to the prerequisite course requirements above, applicants must provide:

- Statement of purpose (1–2 pages) explaining how the business analytic methods graduate certificate will further their professional and/or personal interests
- Formal transcript from an accredited institution of higher education showing proof of completion of an undergraduate degree
- Current resume
- One letter of recommendation

Course Requirements

Business analytic methods certificate courses include the courses listed below. All courses must be passed with a B grade or better to count towards the certificate.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
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<tbody>
<tr>
<td>MSBC 5030</td>
<td>Quantitative Methods</td>
<td>3</td>
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<tr>
<td>MSBX 5405</td>
<td>Structured Data Modeling and Analysis</td>
<td>3</td>
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<td>MSBX 5415</td>
<td>Advanced Data Analytics</td>
<td>3</td>
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<tr>
<td>MSBX 5420</td>
<td>Unstructured and Distributed Data Modeling and Analysis</td>
<td>3</td>
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<td>Total Credit Hours</td>
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