SUPPLY CHAIN ANALYTICS - GRADUATE CERTIFICATE

The supply chain analytics certificate courses comprise the major foundational topics in any supply chain management curriculum, providing necessary background for further advanced study. The four courses have been specifically selected in order to teach students core concepts and targeted skills in the fundamentals of supply chain analytics.

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 supply chain degree.

Students educated in supply chain analytics will have the knowledge to expand their careers as analysts in supply chain network design, logistics, purchasing and procurement, inventory and production control, transportation network design, facilities location planning, demand forecasting, long term aggregate planning and sub-specialties therein.

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 Prerequisite
Students applying to the graduate certificate are required to complete a course prerequisite. The course prerequisite may be satisfied by one of the following:

- Successful completion of MSBC 5460 (or successful completion of similar coursework at another university)
- Successful completion of the non-credit Coursera course Supply Chain Management Strategy
- Relevant work experience

Students seeking to meet the prerequisite with experience will need to demonstrate and document proficiency in the relevant topic area by submission of work history and work product. A qualifying test may also be required.

Additional Materials
In addition, applicants must provide:

- Statement of purpose (1–2 pages) explaining how the supply chain analytics 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

Courses
Supply chain analytics certificate courses include the following:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MSBX 5410</td>
<td>Fundamentals of Data Analytics</td>
<td>3</td>
</tr>
<tr>
<td>MSBC 5030</td>
<td>Quantitative Methods</td>
<td>3</td>
</tr>
<tr>
<td>MSBX 5405</td>
<td>Structured Data Modeling and Analysis</td>
<td>3</td>
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<tr>
<td>MBAX 6843</td>
<td>Supply Chain and Operations Analytics</td>
<td>3</td>
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