MASTER OF SCIENCE IN SUPPLY CHAIN ENGINEERING

The Master of Science in Supply Chain Engineering is a new professional graduate degree program created to meet the growing demand for business-savvy engineers who can design and synchronize highly complex global supply chains. The program's intensive 12-month curriculum delivers academic knowledge in analytic methods, supply chain engineering, and enterprise management while building professional practice skills and real-world industry experience.

Program applicants may come from a wide range of academic, business, and geographical backgrounds, but they will share a common motivation: to pursue a highly focused graduate education experience in supply chain engineering and to subsequently explore immediate career opportunities with global enterprises.

Program Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>ISYE 6333</td>
<td>Operations Research for Supply Chain Engineering I</td>
<td>3</td>
</tr>
<tr>
<td>ISYE 6334</td>
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<tr>
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<tr>
<td>ISYE 6339</td>
<td>Supply Chain Information Systems</td>
<td>3</td>
</tr>
<tr>
<td>ISYE 6337</td>
<td>Supply Chain Engineering III</td>
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<tr>
<td>ISYE 6338</td>
<td>Supply Chain Strategy</td>
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<tr>
<td>ISYE 6340</td>
<td>Supply Chain Engineering Seminar</td>
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<td>ISYE 6341</td>
<td>Capstone Project for Supply Chain Engineering I</td>
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<tr>
<td>ISYE 6342</td>
<td>Capstone Project for Supply Chain Engineering II</td>
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BS/MS Program

A combined BS/MS program that will allow students to graduate with a Bachelor of Science in Industrial Engineering and a Master of Science in Supply Chain Engineering. Contact the School of Industrial Engineering for more information.

Electives

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<tr>
<td>ISYE 6340</td>
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<tr>
<td>ISYE 6202</td>
<td>Warehousing Systems</td>
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<td>ISYE 6201</td>
<td>Manufacturing Systems</td>
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<tr>
<td>ISYE 6501</td>
<td>Intro Analytics Modeling</td>
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<td>ISYE 6414</td>
<td>Statistical Modeling and Regression Analysis</td>
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<td>ISYE 6644</td>
<td>Simulation</td>
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<td>ISYE 6661</td>
<td>Linear Optimization</td>
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<td>ISYE 6662</td>
<td>Discrete Optimization</td>
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<tr>
<td>ISYE 7203</td>
<td>Logistics Systems Engineering</td>
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Total Credit Hours 30

Practicum Track Requirements

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