MS in Supply Chain and Operations Management

Admission Requirements
Applicants are considered on an individual basis. Transcripts for all undergraduate and any graduate work must be submitted to the UIC Liautaud Graduate School of Business Program Office. In addition to the Graduate College minimum requirements, applicants must meet the following program requirements:

- **Degree Required** Bachelor's degree
- **Baccalaureate Field** Individuals from all baccalaureate fields are encouraged to apply. The exact course requirements will be determined based on an individual's baccalaureate field and work experience. All applicants must have had the following background course work: mathematics through the level of calculus covering integration and differentiation, linear algebra, basic probability, and statistics through regression analysis
- **Grade Point Average** At least 3.00/4.00 for the final 60 semester (90 quarter) hours of undergraduate study. Applicants with a master's degree must have maintained a grade point average of at least 3.00/4.00 in that program. Relevant work experience beyond academic study will also be considered.
- **Tests Required** GMAT or GRE taken within five years of entry into the program.
- **Minimum English Competency Test Score**
  - TOEFL iBT 80, with subscores of Reading 19, Listening 17, Speaking 20, and Writing 21, OR,
  - IELTS Academic 6.5, with 6.0 in each of the four subscores, OR,
  - PTE Academic 54, with subscores of Reading 51, Listening 47, Speaking 53, and Writing 56.
- **Letters of Recommendation** Two required.
- **Personal Statement** Required.
- **Resume or CV** Required.
- **Preferred Admission to MS in Supply Chain and Operations Management** UIC, UIUC, and UIS students or alumni (graduated within five years of applying) with a cumulative GPA of 3.00/4.00, and a GPA of 3.00/4.00 in selected IDS-related courses will be waived from the GMAT or GRE requirement.

Degree Requirements
In addition to the Graduate College minimum requirements, students must meet the following program requirements:

- **Minimum Semester Hours Required**: 32 hours of graduate coursework beyond the program prerequisites. No more than two 400-level courses may be used toward degree requirements.

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<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>IDS 371</td>
<td>Business Statistics II</td>
<td></td>
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<tr>
<td>IDS 570</td>
<td>Statistics for Management</td>
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<th>Prerequisites One of the following, or the equivalent:</th>
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<tr>
<td>IDS 371 Business Statistics II</td>
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<td>IDS 570 Statistics for Management</td>
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<th>Required Courses</th>
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<tr>
<td>IDS 509 Data and Prescriptive Analytics</td>
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<tr>
<td>IDS 532 Introduction to Operations Management</td>
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Electives
Select 16 semester hours from the following list, with at least 12 hours of Supply Chain and Operations electives:

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<tr>
<th>Code</th>
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<tbody>
<tr>
<td>IDS 451</td>
<td>Enterprise Operations and Supply Chain Systems</td>
</tr>
<tr>
<td>IDS 453</td>
<td>Supply Chain Management: Sourcing and Procurement</td>
</tr>
<tr>
<td>IDS 534</td>
<td>Project Management</td>
</tr>
<tr>
<td>IDS 535</td>
<td>Vendor Management</td>
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<tr>
<td>IDS 544</td>
<td>Global Sourcing and Logistics</td>
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<tr>
<td>IDS 551</td>
<td>Operations Management in the Service Sector</td>
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<tr>
<td>IDS 553</td>
<td>Supply Chain Analytics and Decision Models</td>
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<tr>
<td>IDS 558</td>
<td>Revenue Management</td>
</tr>
<tr>
<td>IDS 571</td>
<td>Statistical Quality Control and Assurance</td>
</tr>
<tr>
<td>IDS 594</td>
<td>Special Topics in Information and Decision Sciences</td>
</tr>
<tr>
<td>IDS 596</td>
<td>Independent Study in Information and Decision Sciences</td>
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Other Electives
Select a maximum of 4 hours from related areas with the approval of the program director. Sample courses include:

- ACTG 506 Management Accounting
- IDS 435 Optimization for Analytics
- IDS 476 Business Forecasting Using Time Series Methods
- IDS 479 Enterprise Risk Management
- IDS 518 Electronic Marketing
- IDS 572 Data Mining for Business
- IDS 575 Machine Learning and Statistical Methods for Business Analytics
- IDS 582 Time Series Econometrics

Electives are to be selected with the approval of the director of graduate studies. Based on student background and interests, other supply chain and operations related courses may be taken with the advice and approval of the director of graduate studies.

- **Comprehensive Examination**: None
- **Thesis, Project, or Coursework-Only Options**: Coursework only
  - The required capstone course IDS 555 ties together the technical material in the core courses and electives with discussion and cases to address issues related to supply chain and operations strategy for organizations and effective management practice. This course further integrates this material with project work that involves either detailed study of supply chain and operations strategy and practice in organizations, or development of supply chain related solutions for specific problems. Such projects, organized as part of the capstone course, can be driven by
specific client needs, or framed around problems as currently encountered in practice.