

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** 80, with subscores of Reading 19, Listening 17, Speaking 20, and Writing 21 (iBT Test); 60, with subscores of Reading 19, Listening 17, Writing 21 (revised Paper-Delivered Test), **OR**,
 - **IELTS** 6.5, with subscores of 6.0 for all 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 course work beyond the program prerequisites. No more than two 400-level courses may be used toward degree requirements.

Course	Title
--------	-------

Prerequisites

One of the following, or the equivalent:

IDS 371	Business Statistics II
IDS 570	Statistics for Management

Required Courses

IDS 509	Data and Prescriptive Analytics
---------	---------------------------------

IDS 532	Introduction to Operations Management
IDS 552	Supply Chain Management
IDS 555	Applied Supply Chain Strategy and Practice

Electives

Select 16 semester hours from the following list, with at least 12 hours of Supply Chain and Operations electives:

Supply Chain and Operations Electives

IDS 451	Enterprise Operations and Supply Chain Systems
IDS 534	Project Management
IDS 535	Vendor Management
IDS 544	Global Sourcing and Logistics
IDS 551	Operations Management in the Service Sector
IDS 553	Supply Chain Analytics and Decision Models
IDS 558	Revenue Management
IDS 571	Statistical Quality Control and Assurance
IDS 594	Special Topics in Information and Decision Sciences
IDS 596	Independent Study in Information and Decision Sciences

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 Course-Work-Only Options:** Course work 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.