

Curriculum and available concentrations, Advising, Course Registration and Other Procedures for the MS in Management Science and Analytics (MS-MSA) Program effective Fall 2023

Stuart School of Business,

Illinois Institute of Technology (Illinois Tech)

Chicago, IL 60661

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Program Name Change

Effective Fall 2023 semester, this MS program at the Stuart School will reflect a name change (from the previous title (MS in Management Science or MS-MS) to MS in Management Science and Analytics or MS-MSA. The main impetus for this change is that many MS-MSA courses already focus heavily on Analytics content that emphasize analytics-oriented learning insights. Furthermore, adding the word "Analytics" in the program title serves to acknowledge recent developments in the field of analytics that have boosted career opportunities for our MS-MSA graduates.

Program Objectives

The MS in Management Science and Analytics program provides students with an introduction to the fundamental mathematical, statistical and programming applications to modern business practice. Students who earn this degree will typically begin work as a quantitative analyst specializing in forecasting, optimization, scheduling, and risk analysis.

Quantitative Finance Concentration in MS-MSA – Second Year Required Courses

MSC 614 Quantitative Investment Strategies (3 credits) (Fall -cross listed with MSF 546)

Plus

Three elective courses chosen from any 500 level BUS, MAX, MBA, MSC, MSF, PA or SMGT courses offered at the Stuart School.

MSC 613 Structured Fixed Income Portfolio (3 credits) (Spring - cross listed with MSF 545)

Analytics Concentration in MS-MSA - First Yearw 0.34 0 Td[)20 (SRM)17 0 10 Tc 0BDC)20 (t)