

Program of Work
Master of Science in Artificial Intelligence for Business (STEM)*

The Master of Science in Artificial Intelligence for Business is designed to prepare graduates with foundational programming and statistics knowledge with advanced skills in artificial intelligence and analytics to address organizational challenges in data-driven decision-making. Students gain knowledge of a broad range of disciplines and functions in business as well as specialized knowledge of artificial intelligence and analytics.

Required Advanced Courses

Course

BSTAT 5325

Advanced Methods for Analytics

INSY 5336

Python Programming for Business Applications

INSY 5337

Data Engineering for Business Applications

INSY 5339

Introduction to AI for Business

INSY 5376

Advanced AI for Business

INSY 5379

AI for Business Capstone

Required Elective Courses

Course

Advanced Elective

Advanced Elective

Advanced Elective

Advanced Elective

Advanced Elective

Advanced Elective Options

INSY 5344 - Building Responsible and Ethical AI Applications

ACCT 5307 - Measurement & Analysis for Business Decision-Making

INSY 5345 - Cloud Computing - Theory and Practice

ECON 5337 - Business & Economic Forecasting

INSY 5377 - Web & Social Analytics

MANA 5344 - Evidence-Based Management

INSY 5378 - Special Topics in AI for Business

MARK 5337 - Marketing Analytics and Information Management

INSY 5380 - Graph Machine Learning for Business

When there is equivalent coursework experience, the student must meet with the MSAIB Graduate Advisor to select alternate coursework.

If student has no business or programming coursework, appropriate foundation courses must be taken. The courses shall be adjusted within the Elective slots of the POW. To be determined by MSAIB Graduate Advisor.

Admission Requirements

Admission without Committee Review

- 3.0 GPA (last 60 hours of undergraduate degree) from an AACSB-accredited university
- GMAT/GRE Verbal and Quantitative scores in 50th percentile or better

Admission with Committee Review

- Holistic Committee Review may include:
 - Undergraduate and graduate GPA (overall, major, and last 60 hours) and program accreditation status of the applicant's degree-granting institution.
 - Score on the GMAT/GRE
 - Applicants professional work experience and professional certification/licensure.
 - Letters of reference and personal statement provided by the applicant

MS Artificial Intelligence for Business Advisor

Dr. Sajib Datta

Associate Professor of Practice

Information Systems and Operations Management

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