



# GRG School of Management Studies



## MASTER OF SCIENCE BUSINESS ANALYTICS



### Special International Program for students (men and women) registered through GRG School of Management Studies

The Master of Science in Business Analytics at the University of Michigan-Dearborn teaches students how to use a variety of statistical methods and technologies to uncover patterns and trends in aggregate data, and then apply those insights to real-world problems. You will practice applying those skills by concentrating in a specific area of business, and an optional concentration capstone course offers the opportunity to work on a consulting project with an actual client.

The program is open to students who have a mind for mathematics, statistics, or quantitative analysis, regardless of their undergraduate fields of study. The program is "STEM" designated and international students are eligible to apply for extended time on their student visas after graduation to participate in Optional Practical Training (OPT).

The MS-Business Analytics requires ten courses (30 credit hours). By special arrangement, students through GRGSMS may be eligible to transfer two courses (6 credits), thereby reducing the length of the program at UM-Dearborn to eight

### Curriculum

#### Core Courses (6 courses/18 credits)

- DS 520 Applied Statistical Modeling \*
- DS 570 Management Science \*
- DS 630 Applied Forecasting
- DS 631 Decision Analysis
- DS 632 System Simulation
- DS 633 Data Mining for Business Applications



\*Students through GRGSMS may be eligible to transfer these courses to UM-Dearborn, thereby reducing the length of the program at UM-Dearborn from ten courses to eight courses.

#### Elective Courses (4 courses/12 credits)

Tailor the degree to your own career goals by choosing specialized courses in one of the following areas:

- Financial Analytics
- Human Resource Management Analytics
- Information Management and Coordination Analytics
- Marketing Analytics
- Supply Chain Analytics



For additional details about the curriculum, visit: [umdearborn.edu/cob/graduate-programs/degree-programs/ms-business-analytics](http://umdearborn.edu/cob/graduate-programs/degree-programs/ms-business-analytics)

## Admission

The academic year includes the fall semester (August-December), winter semester (January-April), and optional summer semesters (May-June and July-August).

## Admission Requirements

- The TOEFL and IELTS are not required.
- You may be eligible to waive the GMAT and GRE entrance examinations if you have completed a bachelor's degree or one year of graduate study at GRGSMS with a 7.5 cumulative GPA.
- You need to complete a course in advanced algebra before starting the MS-Business Analytics program. If necessary, we can help guide you to fulfill this admission prerequisite.
- You will be prompted to submit your academic transcripts to Educational Credential Evaluators (ECE) during the application process.
- The application deadline is May 1 each year, but we encourage you to submit your application materials sooner.

## How to Apply

GRGSMS students should seek admission to the fall semester. For application and detailed application instructions, visit: [umdearborn.edu/cob/graduate-programs/admission](http://umdearborn.edu/cob/graduate-programs/admission)

## Estimated Costs

The costs of tuition for this special program have been greatly reduced from the standard cost. Students should plan for the following expenses:

- GRGSMS Fees INR 250,000

### UM-D Fees

- Tuition (\$25,000-\$30,000 total for the degree program)
- Boarding and lodging (approximately \$9,000 per year)
- Health insurance (approximately \$1,900 per year)
- Books and supplies (approximately \$1,300 per year)
- Personal expenses (approximately \$300 per month)
- Application fee and ECE transcript costs ( one-time cost approximately \$250 )

For additional information about the curriculum, admission criteria, and application process, visit: [umdearborn.edu/cob/graduate-programs](http://umdearborn.edu/cob/graduate-programs)

## Contact details

### GRGSMS

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### UM-DEARBORN

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