Master of Science in Analytics

The University of Chicago’s Graham School Master of Science in Analytics provides students with the advanced training necessary to draw insights from real data and to apply analytical skills to solve real-world problems. The technical know-how, real-world insights and leadership edge gained in this program give students the capability to utilize data analytics to develop real solutions.

With extensive interaction amongst students and faculty, the MScA is a classroom-based analytics masters program that provides a team-based learning approach and dynamic instruction from faculty experts in the field.

**Advanced analytics to drive business insights**

Building from a core in applied statistics, the MScA provides students with advanced analytical training, developing the ability to draw insights from big data. The program is highly applied in nature, integrating business strategy, project-based learning, simulations, case studies, and specific electives addressing the analytical needs of various industry sectors. Relationships with corporate partners provide students with access to real data sets and the opportunity to address current business issues. Beyond the classroom, these corporate partnerships provide valuable networking opportunities and career connections.

**MScA Student Demographics**
- 60% of incoming students have a graduate degree in another field
- Modal age is 20-29 (45%), followed by 30-39 (41%)
- 68% male, 32% female; 73% U.S. citizens
- 88% part-time students, working full-time jobs

**Industries Represented**
- Technology
- Law
- Benefits, Insurance
- Healthcare
- Government, Nonprofit
- Food Service, Hospitality, Real Estate
- Financial Services, Commodities Trading
- Research, Market Research
- Advertising, Marketing, Communications
- Education
- Energy
- Consulting
- Manufacturing, CPG Distribution, Supply Chain
- Entertainment, Retail

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The MScA curriculum offers a thorough exploration of state-of-the-art data-gathering tools, methods, and analytics. Coursework focuses on:

**Data collection and preparation:** data collection and management methodologies, identifying available data sources, and preparing data for analytics

**Statistical methods and modeling:** understanding established and state-of-the-art modeling and data analysis techniques

**Leadership and communication:** developing impactful practical solutions, sharpening leadership skills, and understanding the marriage between business and analytics strategy

### Program Structure

Students have the flexibility to pursue the MScA degree on a part-time or full-time schedule. Part-time students enroll in one or two courses each quarter; full-time students take three courses per quarter. The program can be completed in 12 months to 4 years, with modal completion time of 1.5 years.

The curriculum consists of 11 courses, including a final capstone project. Students must fulfill the following requirements to earn the degree:

- 7 foundation courses
- 1 leadership skills course
- 3 electives
- Capstone project

Classes are held on weekday evenings and Saturday mornings at the University of Chicago Gleacher Center in downtown Chicago at Cityfront Plaza.

### Application Process and Requirements

The MScA program admits students twice a year, with program start dates in Spring and Autumn.

Applicants must submit:

- Completed online application
- $75 application fee (non-refundable)
- Personal Statement
- Resume or CV
- Three letters of recommendation
- Transcripts
- TOEFL/IELTS scores if applicable

“As someone who learns by doing, the MScA program’s highly applied nature excited me. The idea that I can take my teachings from the MScA program and implement those same concepts to help my current company, or any future organization that I build or am a part of, is ideal.”

—Venu Raghavan

“...The skills to derive valuable information and critical insights from Big Data are being treated as necessary core competencies that governments and corporations must possess to maintain a competitive advantage. The vision for our students is to help them become pillars of insight generation that drive business value.”

—Dr. Anil Chaturvedi, MScA instructor

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