

IN A DATA-DRIVEN
WORLD, YOU NEED
EXPERTS WHO CAN
ANALYZE AND
MAXIMIZE THE
VALUE OF DATA.

*We produce
those experts.*

Master of Science in Analytics

www.analytics.northwestern.edu

Northwestern | McCORMICK SCHOOL OF
ENGINEERING



ANALYTICS

**DIRECTS DECISIONS.
DRIVES INNOVATION.
DELIVERS RESULTS.**

COMPANIES IN TODAY'S INFORMATION-SATURATED WORLD GATHER A LIFETIME OF MATERIAL ON CUSTOMERS IN A HEARTBEAT. BUT HOW CAN YOUR BUSINESS TURN THAT DATA INTO A COMPETITIVE ADVANTAGE?

YOU NEED TALENTED PEOPLE WITH THE TECHNICAL KNOWLEDGE AND BUSINESS ACUMEN TO TRANSLATE COMPLEX DATA SETS INTO MEANINGFUL INFORMATION—PEOPLE LIKE THOSE IN NORTHWESTERN'S MASTER OF SCIENCE IN ANALYTICS PROGRAM.



SCIENCE, TECHNOLOGY, AND BUSINESS

A full-time, 15-month professional master's degree program, the Master of Science in Analytics program in Northwestern University's Robert R. McCormick School of Engineering and Applied Science immerses students in the underlying data science, information technology, and business of analytics. An internship and industry-supplied projects supplement the comprehensive applied curriculum.

The program is housed in the McCormick School's Department of Industrial Engineering and Management Sciences and draws faculty from that department as well as the Kellogg School of Management and other departments at McCormick and Northwestern.

VITAL INSIGHTS

Our talented students are strongly motivated to move beyond simple data analysis to harness and communicate the full value of data to your organization using a three-pronged approach:

- Computer programming and technical expertise
- Advanced data science
- Business and management best practices

Their insights are vital to making intelligent business decisions and increasing your bottom line.

“The MSiA program not only provides the skills industries require but also teaches students how to learn continuously and seek out additional resources to develop a solution.”

—Andrew Fox, MSiA class of 2014



COLLABORATE WITH US

Let our students—the rising stars of the analytics field—add value to your business. Opportunities for hands-on experience at your company include

Capstone and practicum projects: Students complete two applied projects, with both data and a business problem provided directly by companies. Under the guidance of Northwestern business and technical advisers, each team provides effective solutions for the client while demonstrating extensive analytics skills. Practicum projects are expected to last three quarters and capstone projects one quarter.

Internships: Students are highly motivated to apply their skills in a professional setting. Internships are a degree requirement and run for a minimum of 10 weeks and a maximum of 13 weeks.

Our students and graduates have been placed in internship and full-time positions with companies including

Amazon	Facebook	LinkedIn	NASA JPL	Pandora
Disney	Google	Microsoft	NY Yankees	PwC
eBay	Groupon	Motorola	Nike	Walmart

RECRUIT OUR GRADUATES

We offer on-campus tools that allow companies of all sizes and across industries to raise brand awareness and recruit students. Current recruiting options include networking sessions, job listings, and internship postings. We will develop a customized recruiting plan for you.

The recruiting timeline is

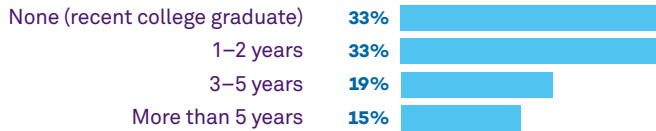
- Internship recruiting: October through February
- Full-time position recruiting: October through December
- Graduation: mid-December; graduates will be available to begin work immediately

“The Master of Science in Analytics program is unique in teaching rigorous science while maintaining industry relevance and focus through projects that allow students to deliver business value to our industry partners.”

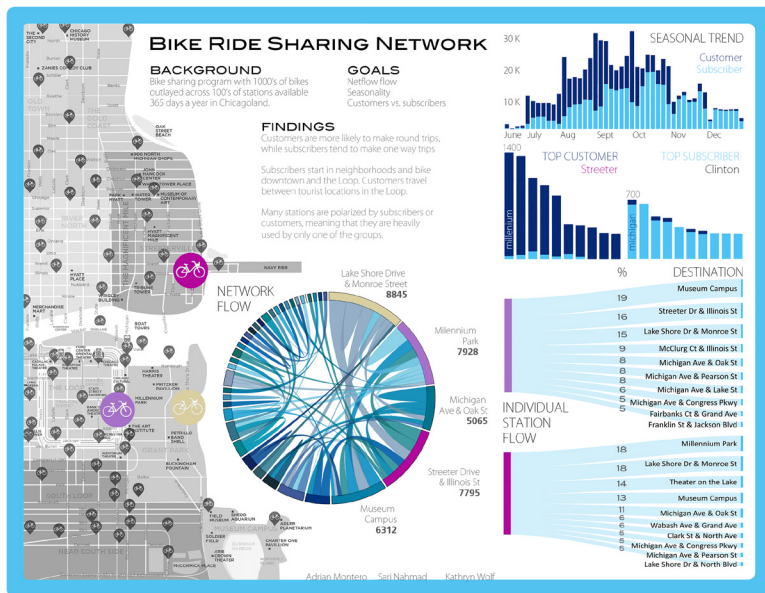
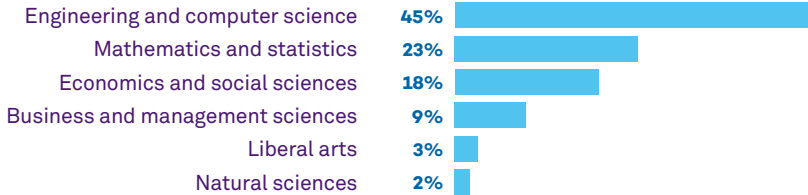
— Diego Klabjan, MSiA program director and professor of industrial engineering and management sciences



PREVIOUS WORK EXPERIENCE



BACKGROUND BY ACADEMIC MAJOR



Created by Adrian Montero '14, Sari Nahmad '14, and Kathryn Wolf '14 as part of a research assignment in the MSiA course Data Visualization, the image above shows the network flow of rented-bicycle use throughout Chicago (detail on front cover).

FOR MORE INFORMATION

Full student profiles and a downloadable résumé book can be found on our website: www.analytics.northwestern.edu

Contact us to begin planning your campus visit:
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