DATA MANAGEMENT + ANALYTICS = SMART BUSINESS DECISIONS

IT ALL STARTS WITH KOGOD'S MASTER OF SCIENCE IN ANALYTICS FROM AMERICAN UNIVERSITY

PROGRAM OVERVIEW

American University's Kogod School of Business Master of Science in Analytics (MSAn) Program prepares students to succeed in one of the fastest growing career industries—business analytics. The MSAn provides a flexible approach to data analysis, which blends business education with data science, producing well-rounded analytics professionals. It focuses on the skills needed to identify and gather relevant data to formulate actionable decisions through modeling and analysis, providing a competitive advantage for employers.

Kogod's MS Analytics is a U.S. State Department-designated STEM degree. International students who earn an MSAn may remain in the U.S. up to an additional 17 months after finishing their degree to complete Optional Practical Training (OPT), thus increasing their likelihood of securing full-time employment with an American company.

DEGREE REQUIREMENTS

The MSAn curriculum is designed to provide students with the expertise needed to enhance an organization's fiscal performance and operational effectiveness along the full spectrum of analytics—best practices, data collection, data management, business intelligence, modeling, and analysis.

ANALYTICS

0 graduate credit hours, online
- Quantitative Methods and Analytics

FOUNDATIONAL COURSES

9 graduate credit hours
- Applied Managerial Statistics
- Database and Big Data
- Management Information Systems

ANALYTICS CORE COURSES

9 graduate credit hours
- Business Insights Through Analytics
- Business Intelligence
- Predictive Analytics

CAPSTONE EXPERIENCE

3 graduate credit hours
- Analytics Practicum I
- Analytics Practicum II

SPECIALIZATION AREAS

Choose 12 graduate credit hours from one of the following areas of study
- Accounting Forensics
- Biostatistics
- Business Fundamentals
- Computational Statistics
- IT Consulting
- Marketing
- Other approved graduate analytical electives
- Quantitative Financial Analysis 1 (Students with a basic finance background)
- Quantitative Financial Analysis 2 (Students with a strong finance background)

CAREER DEVELOPMENT

The Kogod Center for Career Development (KCCD) is committed to helping all students reach their career goals. Through the KCCD, students receive one-on-one coaching, group instruction, and access to customized industry and networking events, and on-campus recruiting.

CONTACT

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LEARN MORE AT KOGOD.AMERICAN.EDU/MSAN

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