



There's Strength In Our Numbers

The Online MS in Business Analytics

The Online Master of Science in Business Analytics (MSBA) from the Leavey School of Business is designed to deliver the tools and skills you'll need to become a data-driven business leader. Built to meet the demand for professionals who can skillfully wield analytics tools to produce improved business outcomes, the Online MSBA delivers a powerful combination of information technology and business coursework.

Immerse yourself in an Online MSBA graduate program designed in the heart of Silicon Valley, and start thinking as a true big data visionary.

Program Benefits

- Hit the ground running with an introductory **on-campus residency**, and begin networking with your faculty and peers
- Offers a primer resource that covers the fundamentals of R and Python programming languages, and Linear Algebra
- Engage with a cutting-edge curriculum designed by an advisory board comprised of industry leaders
- Study under Leavey's faculty of seasoned business professionals
- Grow your professional network through alumni and faculty with deep ties to Silicon Valley
- Utilize our intuitive online learning management system to complete assignments, engage with lectures, track your grades and progress, and interface with classmates and faculty
- Cap off your master's experience with a company-sponsored practicum or capstone

Online Program Structure

- 42 units
- 17 courses
- Five 10-week quarters
- Complete in just over one year
- One on-campus residency weekend
- Two annual starts, fall and spring
- Part-time and full-time enrollment options

Admissions Requirements

- Completed [online application](#)
- \$148 **application fee** (waived for current SCU students and alumni)
- **Four-year bachelor's degree** from an accredited college or university
- **GMAT/GRE scores** or waiver
- **Official transcripts** for undergraduate degree(s)
- Current **resume or CV**
- **2 letters of recommendation**
- **3 business essay(s)**
- Personal admission interview
 - Qualified applicants will be invited to schedule a personal admission interview. Interviews can be conducted in person at Santa Clara University or Zoom
- Applicants for whom English is a non-native language must demonstrate English proficiency by submitting **TOEFL or IELTS test scores**

Accelerated Admissions for Leavey School of Business Alumni

The Leavey School of Business now offers a preferred admissions pathway for qualifying alumni, allowing students to bypass many of the standard admissions requirements.



The Curriculum

Corequisites:

Due to the heavily quantitative nature of the Online MS in Business Analytics, applicants should provide evidence of successful completion of undergraduate coursework in statistics and calculus.

Applicants who have not completed these courses may be considered for provisional admission to the Online MSBA program, contingent upon their completion prior to enrolling in the program.

Core Courses (20 units):

- FNCE 2402/MSIS 2402 Math for Finance and Analytics (4 units)
- MSIS 2503 Database Management Systems – Fundamentals of SQL (2 units)
- MSIS 2507/IDIS 3802 Data Analytics with Python (4 units)
- MKTG 2505 Marketing Analytics (4 units)
- MSIS 2508 Machine Learning (4 units)
- ECON 2509 Econometrics with R (4 units)
- MSIS 2510 Prescriptive Analytics (4 units)
- IDIS 3598 Practicum or Capstone (6 units)

Elective Courses (10 units, to be selected from the following):

- MSIS 2527 Big Data Modeling and Analytics
- MSIS 2537 Reinforcement Learning
- MSIS 2528 Applied Cloud Computing
- MSIS 2529 Dashboards
- MSIS 2539 Data Visualization
- MSIS 2513 Database Management Systems - Design, Development & Administration
- MSIS 2538 Cloud Computing Architectures
- MSIS 2534 Natural Language Processing
- MSIS 2536 Deep Learning
- FNCE 2526/FNCE 2426 FinTech
- FNCE2524/FNCE2404: Time Series Analysis Forecasting
- FNCE2525/FNCE2408: Analytics of Finance
- ECON 3000: Microeconomics for Business

Harness the Power of Big Data and Accelerate Your Career

The Online MSBA program offers a thorough yet focused curriculum, designed to sharpen your analytical skills and techniques and teach you to derive successful strategy from the data produced by contemporary econometric analytical tools and models. In this innovative program, you will:

- Learn foundational techniques and tools required for business analytics and data science, covering mathematics, statistics, software
- Leverage analytically driven decision-making to increase the value of your organization
- Learn to address challenges using appropriate data and suitable analytical tools
- Summarize and analyze quantitative information using statistics and data visualization

Take the first step toward business leadership.

To learn more about the Online MSBA from SCU, contact an Admissions Advisor at 844-554-2425 or by email at onlinemsba@scu.edu.