



MS-Quantitative Analysis Program

<http://www.business.uc.edu/msqa>

Dept. of Quantitative Analysis & Operations Management

Graduate Programs Office, College of Business

University of Cincinnati

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Program Form

Last (Family) Name	First (Given) Name
Student ID Number	Date Admitted
Student e-mail (xxx@email.uc.edu <i>only</i>) @email.uc.edu	
Program Director Approval	Date:

(Numbers in parentheses are credit hours.)

I. Prerequisite Requirements

A. Mathematics Foundation Requirements (or Equivalent) -- All are Required

Course Number	Course Title	Instructor	Grade	Quarter/Semester
15-MATH-251 (5) or:	Calculus I			
15-MATH-252 (4) and 256 (1) or:	Calculus II and lab			
15-MATH-253 (4) and 257 (1) or:	Calculus III and lab			
15-MATH-254 (4) and 258 (1) or:	Calculus IV and lab			
15-MATH-276 (3) or 15-MATH-351 (3) or:	Matrix Methods or Linear Algebra I			
Programming Language Known				

B. Basic Business Knowledge (or Equivalent)

	Course Number	Course Title	Instructor	Grade	Quarter/Semester
<i>All Three Subjects Required</i>	15-ECON-711* (4) or 15-ECON-271 (4) or:	Managerial Economics Microeconomics			
	22-FIN-711* (4) or 22-FIN-713* (2) or 22-FIN-361† (3) or:	Financial Management Financial Analysis Tools Foundations of Finance			
	22-ACCT-711* (4) or 22-ACCT-261† (4) or:	Financial Accounting Financial Accounting			
<i>Pick Two of Four Subjects</i>	22-OM-711* (4) or 22-OM-385† (3) or:	Operations Management Operations Management			
	22-IS-711* (4) or:	Info./Technology Mgmt.			
	22-MKTG-711* (4) or 22-MKTG-377† (5) or:	Marketing for Managers Introduction to Marketing			
	22-MGMT-710* (2) or 22-MGMT-714* (4) or:	Teams/Interpersonal Eff. Leadership & Orgs.			

*Generally, only evening Clifton sections are open to MSQA students

† Prior permission from Program Director needed to register

II. Program Requirements (48 credits)

A. Quantitative Analysis Core Courses (28 credits)

Course Number	Course Title	Instructor	Grade	Quarter
22-QA-721 (4)	Methods of Statistics			
22-QA-722 (4)	Regression Analysis			
22-QA-731 (4)	Probability			
22-QA-750 (4)	Optimization Modeling			
22-QA-751 (4)	Optimization Analysis			
22-QA-760 (4)	Stochastic Modeling			
22-QA-771 (4)	Simulation Modeling			

B. Focus Area Elective Courses (Focus Area:) (16 credits)

Course Number	Course Title	Instructor	Grade	Quarter

C. Research Project (4 credits)

Course Number	Course Title	Instructor	Grade	Quarter
22-QA-981 (4)	MS Thesis Research			

Total credits for Program Requirements (i.e., beyond all Prerequisite Requirements): 48

MSQA Program GPA (must be at least 3.0 to graduate) =