

MASTER OF SCIENCE IN MANAGEMENT SCIENCE

Curriculum

To earn a Master of Science in Management Science, students must successfully complete 33 credit hours (11 courses).

Code	Title	Credit Hours
Core Courses		(12)
MSC 511	Math for Mgmt Science I	3
MSC 512	Statistics for Mgmt Science I	3
MSC 514	Math for Mgmt Science II	3
MSC 515	Statistics for Mgmt Science II	3
Specialization Courses		(12)
Select twelve credit hours (see Specializations tab for required courses)		12
Elective Courses		(9)
Select a minimum of nine credit hours from any 500-level BUS, EMS, MAX, MBA, MSC, MSF, or PA courses. ¹		9
Students who plan to apply for admission for PhD-MSc program are encouraged to take 9 credit hours of Tech Core Courses (see TECH Core tab for PhD-MSc program)		
Total Credit Hours		33

¹ Registration in these courses requires prior approval of program director.

Management Science Specializations

Analytics

Code	Title	Credit Hours
Required Courses		(12)
MAX 522/MSc 615	Predictive Analytics	3
MAX 523/MSc 616	Social Media Mktg Analytics	3
MSc 651	Quantitative Marketing Models	3
MSc 652	Supply Chain Analytics	3
Total Credit Hours		12

Quantitative Finance

Code	Title	Credit Hours
Required Courses		(12)
MSc 631	Theory of Finance I	3
MSc 633	Theory of Finance II	3
MSF 545/MSc 613	Struct Fixed Income Portfolios	3
MSF 546/MSc 614	Quant Investment Strategies	3
Total Credit Hours		12