

Management Science Minor

Management science is a scientific approach to analyzing problems and making business-related decisions. It uses statistics and mathematical modeling to forecast the implications of various choices and identify the best alternatives. Management scientists focus on the effective use of data and information to drive positive business actions. The minor in management science prepares students to solve complex decision problems in a business environment with a combination of quantitative skills and hands-on expertise using current software applications. The program is open to any undergraduate with an interest in management science. The minor consists of nine credit hours of required course work and nine credit hours of management science (MS) electives. At most three courses can be used to satisfy both the management science minor and a student's major requirements.

REQUIRED COURSES	CREDIT HOURS
<i>Choose one of the following:</i>	3-4
COB 191. Business Statistics	
MATH 220. Elementary Statistics	
MATH 285. Data Analysis	
MATH 318. Introduction to Probability and Statistics	
COB 291. Introduction to Management Science	3
CIS 221. Principles of Programming	3

TAKE 3 ELECTIVE COURSES FOR THE MS MINOR LISTED BELOW	CREDIT HOURS
	9
CIS/MS 363. Business Process Management	
CIS/MS 364. Decision Support Systems	
MS 391. Quantitative Business Modeling	
MS 393. Business Analytics: Data Mining	

NOTE: Some courses may have pre- or co- requisites that are not included in the credit total. It is the student's responsibility to fulfill any pre- or co- requisites required.

These courses, collectively fulfill the 9 credit approved technical elective package for the Bachelor of Science in the School of Engineering.