

Robert H. Smith School of Business
Decision & Information Technologies Department
Minor in Management Science for Applied Math (AMSC) Students
New Rules Effective September 1, 2004

1. To declare a minor in Management Science, a student has to pass the respective comprehensive exam. To sit for the comprehensive exam, a student is *not required* to take the respective courses at the Smith School, or in any other department at the University of Maryland. If the student does not take the respective course(s) at the Smith School, however, the student is responsible for getting the syllabus with the instructor currently teaching the respective course(s) to learn about the expectations for the exam(s).
2. A comprehensive exam for a minor in Management Science is **defined** as an exam comprised of **two** subject areas, to be chosen by the student among the following:

BMGT 830 Operations Research: Linear Programming
BMGT 831 Operations Research: Extension of Linear Programming and Network Analysis
BMGT 832 Operations Research: Optimization and Nonlinear Programming
BMGT 833 Operations Research: Integer Programming
BMGT 834 Operations Research: Probabilistic Models
BMGT 835 Simulation of Discrete-Event Systems
BMGT 882 Applied Multivariate Analysis I
BMGT 883 Applied Multivariate Analysis II
BMGT 808 Operations Research: Special Topics

3. To pass the comprehensive exam, the student has to pass both subject areas at the same time, and that means obtaining a grade of “P” (Pass) or higher in *each* subject area. Consequently, a grade of “Low Pass” or lower in either area is considered a “fail” for the exam. If the student fails the exam, the student has to retake the comprehensive exam again, as defined in §2 above. The student may choose any two subject areas when retaking the exam, including one or both of those chosen previously. However, only two fails are allowed for each subject area and only three fails on the overall exam are allowed.
4. A major in Management Science is equivalent to declaring two minors in Management Science; this means successfully passing comprehensive exams in two different occasions. Consequently, a major is comprised of four distinct subject areas, as defined §2 above.