Applied Statistics Specialization (MS)

1. Students seeking a Master of Science in Mathematics with a specialization in Applied Statistics must complete the following core courses:

   STAT 5351 Probability and Statistics I
   STAT 5352 Probability and Statistics II
   STAT 6337 Advanced Statistical Methods I
   STAT 6338 Advanced Statistical Methods II
   STAT 6341 Numerical Linear Algebra and Statistical Computing

2. Two or more courses are selected from the following list:

   STAT 6329 Applied Probability and Stochastic Processes
   STAT 6343 Experimental Design
   STAT 6347 Applied Time Series Analysis
   STAT 6348 Applied Multivariate Analysis

3. The remaining elective courses can be chosen in Statistics (e.g., STAT 6326 Sampling Theory, STAT 6v99 Statistical Consulting, STAT 6390 Topics in Statistics, etc.) or in other disciplines, and must be approved by the advisor. Many students use this option to build expertise in another subject to enhance their employment opportunities.