QUANTITATIVE METHODS (Q M)

Q M 526 - Business Forecasting (3.0 hours)
Introduction to forecasting, forecasting methods, features and differences using theoretical and practical knowledge gained about forecasting methods. Topics covered include regression analysis, time series analysis, understanding moving averages, exponential smoothing, autoregression and trend curves and to be able to use these modelling techniques to obtain forecasts. Cross-listed with Q M 426. The graduate level course will have additional requirements beyond those of the undergraduate course.
Prerequisite: IME 511 or consent of Department Chair.

Q M 564 - Decision Support Systems (3.0 hours)
Introduction to managerial statistical tools in descriptive and predictive analytics with an emphasis on statistical learning. Topics covered include regression analysis, simulation, decision analysis, and data mining. Extensive use of computer software for model building and analysis for making better business decisions. Cross-listed with Q M 426. The graduate level course will have additional requirements beyond those of the undergraduate course.
Prerequisite: IME 511 or consent of Department Chair.

Q M 658 - Topics in Quantitative Methods (3.0 hours)
Topics of special interest which may vary each time the course is offered. Topic stated in current Schedule of Classes. May be repeated up to 9 hours under different titles/topics.

Q M 660 - Readings in Quantitive Methods (1.0-3.0 hours)
Individual readings for qualified students, under the guidance of a member of the faculty. Repeatable to a maximum of 3 credit hours.
Prerequisite: consent of instructor and director of graduate programs.