QUMM 414. Statistics and Decision Modeling. 3 Units.
This course provides the foundations of statistical and operations
research methodologies for managerial decision-making. Business
statistics focuses on statistical thinking as one of the fundamentals of
effective management. Topics covered include sampling and the normal
distribution, making inferences from data via confidence intervals and
hypothesis tests, and analyzing relationships between samples. Decision
modeling of organizational systems uses mathematical and computer
models to provide a quantitative perspective on identifying, analyzing and
solving complex decision problems. This course includes an introduction
to linear programming models and applications, simulation techniques in
decision-making, and project management.

QUMM 501. Special Problems and Topics. 1 - 18 Units.
This course is offered, with permission, to students undertaking reading
in a field of special interest.