

MANAGEMENT SCIENCE (MGSC)

MGSC 239 Business Statistics I (3 Credits)

Business Statistics I (3) Basic elements of classical statistical analysis, including descriptive statistics, probability theory, probability distributions, sampling, estimation, and testing in the analysis of business problems. Three hours of lecture per week. Prerequisites: MATH 133 and MATH 135 or higher (except MATH 231).

Prerequisite(s): (MATH 133 and MATH 135) or MATH 138

College/School: JHJ School Of Business

Department: Dept of Business Admin.

MGSC 240 Math Decision Making (3 Credits)

College/School: JHJ School Of Business

Department: Dept of Business Admin.

MGSC 302 Operations Management I (3 Credits)

Operations Management I (3) Introduction to organizational and managerial problems in the area of operations. Topics include forecasting, inventory, scheduling, operations planning, and control. Three hours of lecture per week. Prerequisites: MGSC 239 and 60 semester credit hours completed.

Prerequisite(s): MGSC 239

College/School: JHJ School Of Business

Department: Dept of Business Admin.

MGSC 303 Operations Management II (3 Credits)

Operations Management II (3) Design, operation, and control of the transformation process in both service and production settings. Topics include: quality assurance, aggregate planning, and queuing analysis. Three hours of lecture per week. Prerequisite: MGSC 302.

Prerequisite(s): MGSC 302

College/School: JHJ School Of Business

Department: Dept of Business Admin.

MGSC 331 Business Statistics II (3 Credits)

Business Statistics II (3) Special topics in statistics, including regression, correlation, analysis of variance, time series, and non-parametric statistics as related to statistical decision theory applied to business problems. Three hours of lecture per week. Prerequisites: MGSC 239.

Prerequisite(s): MGSC 239

College/School: JHJ School Of Business

Department: Dept of Business Admin.

MGSC 440 Supply Chain Management (3 Credits)

A course in Supply Chain Management.

Prerequisite(s): MGSC 302 and MIS 340

College/School: JHJ School Of Business

Department: Dept of Business Admin.