

# OPERATIONS MANAGEMENT (OM)

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**OM 0101 Operations Management****3 Credits****Prerequisites:** EC 0278 or MA 0017 or MA 0217; Sophomore standing.

This course provides the primary exposure to service and manufacturing operations management within the business core curriculum. Topics include process modeling, quality management and control, decision analysis, capacity planning, supply chain management, and project planning and control. Special attention is given to showing how concepts and models presented in lectures and readings apply to real-world business situations. Examples of international operations are studied, and ethical issues are explored within the context of decisions such as where to locate facilities.

**OM 0140 Project Management****3 Credits****Prerequisite:** EC 0278 or MA 0017 or MA 0217.

This course introduces students to project management and its role in business operations, with applications in such functional areas as accounting, finance, information systems, management, and marketing. Topics include the linkage between projects and organizational strategy, project planning and scheduling, project development and implementation, applying best practices and tools, evaluation methodologies and control techniques, and critical success factors. Special attention is given to showing how concepts and models presented in lectures and readings apply to real-world projects.

**OM 0400 Business Operations****3 Credits**

This course introduces basic concepts and tools relevant to operations and supply chain management, including process mapping, quality management, decision analysis, capacity planning, supply chain management, project management, and operations strategy. Case studies are used to link the concepts and models to real-world business applications.