

MASTER OF SCIENCE IN Management

Rensselaer's Lally School of Management and Technology offers an AACSB accredited M.S. in Management via distance. This 30-credit program builds on Rensselaer's reputation for excellence in programs that focus on the intersection of management and technology. It is based on the conviction that for all firms in the future, sustainable competitive advantage will require a technological foundation. The firms that will lead in global markets will be those that build competitive strength around technological competencies.

The M.S. is a specialized program focused in an area chosen by the student. This unique program includes a core of four courses designed to integrate traditional management concepts with technical functions and issues. Students then tailor the program to their unique educational needs by selecting a 12-credit (four course) concentration. The program also allows for students to take one free elective of their choosing, and ends with a capstone course in Strategy. It is required that students have access to a computer and familiarity with spreadsheet and database software.

ADMISSION REQUIREMENTS

- Bachelor of Science degree with strong academic performance from an accredited undergraduate institution
- Grades of "B" or better in courses completed since bachelor's degree
- Completed application form
- Official transcripts for all undergraduate and graduate work
- Statement of background and goals: answers to application essay
- Two letters of recommendation
- TOEFL required for international students
- GRE or GMAT (GMAT preferred)
- Resume

GRADUATION REQUIREMENTS

- Matriculated status
- Approved Plan of Study with concentration defined
- At least 21 credits must be at the 6000 level
- At least 18 credits must be from the Lally School (MGMT)
- Minimum 3.0 GPA
- Culminating Experience

PLAN OF STUDY (30 Credit hours)

I. Management Core (12 credits)

MGMT-6040	Creating and Managing an Enterprise I
MGMT-6050	Creating and Managing an Enterprise II
MGMT-6020	Financial Management I
MGMT-7740	Accounting for Reporting and Control

II. Concentration Courses (12 credits)

Select four courses in one concentration, examples include:

Management Information Systems

MGMT-6140	Information Systems for Management
MGMT-6170	Advanced Systems Analysis and Design
MGMT-6810	Management of Technical Projects

Human-Computer Interaction

COMM-6420	Foundations of HCI Usability
COMM-6750	Communication Design for the World Wide Web
COMM-6760	Electronic Coaching Systems
COMM-6810	Studio Design in HCI

Innovation and Entrepreneurship

MGMT-6350	International Business
MGMT-6600	Research and Development Management
DSES-6470	Global Strategic Management of Technological Innovation
MGMT-6810	Management of Technical Projects
MGMT-7050	Developing Innovative New Products and Services I

Production and Operations Management

MANE-6800	Manufacturing Systems Integration
MGMT-6350	International Business
MGMT-6450	Manufacturing Systems Management
MGMT-6610	Global Strategic Management of Technological Innovation
MGMT-6810	Management of Technical Projects

Students who wish to design a concentration in other areas such as Mechanical Engineering, Computer Science, or Electrical Engineering may do so with adviser approval.

III. Elective (3 credits)

NOTE: If a concentration is chosen outside of the School of Management, then this elective must come from within the School of Management.

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IV. Culminating Experience (3 credits)

MGMT-6680	Strategy, Technology, and Global Competitive Advantage
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NOTE: The Lally M.S. program does not include the traditional 3 credit course in statistics. Rather, students are expected to have a basic understanding of statistics before entering the program. To ensure this, students are expected to complete an on-line statistics review and tutorial before the completion of their first semester. A faculty instructor will be available for students needing assistance.