The Master of Science in Industrial Management degree program is designed for students who desire work in management or supervisory positions in industry. Participants in the Master’s degree program develop skills useful to business and industry. The program provides a balanced curriculum focusing on the human element of the workplace as well as a variety of industrial systems. Specific skills will be developed in the fields of leadership, problem solving, and decision making.

To be accepted into this program, a student must have a minimum GPA of 2.60 in the undergraduate major. A student not meeting this requirement may petition the Department for admittance on a conditional basis. GRE or GMAT scores are not required. The curriculum utilizes Web-based learning with the option to enroll in on-campus courses to round out a blended learning approach. Courses are scheduled with the capability of completing the degree program entirely online in two calendar years. This program also facilitates articulation to a Ph.D. in Technology Management. In addition, the Lean Six Sigma Graduate Certificate (15 semester hours) can be integrated with this degree program as an area of specialization.

The program’s strength is the affordable curriculum presented by highly qualified faculty with expertise in the area of industrial management. The curriculum emphasizes student achievement while providing the flexibility necessary for students with busy schedules. The comprehensive curriculum focuses on technology management and organizational effectiveness with a research and scholarly work component designed to meet the needs of the individual student. Library resources are unequaled in similar size universities, with a strong emphasis on remote database access. This makes distance learning and associated research easier to achieve.

A survey of recent graduates found the average age was 40, with a mean salary of $65,000 per year. Some occupational titles include vice president of operations, production manager, shift supervisor, quality systems manager, and plant manager. Flexibility is built into the cognate coursework and culminating experience to allow several curricular paths leading to graduation.

School of Technology
MS Industrial Management
ucmo.edu/technology
Program Coordinator - Dr. Suhansa Rodchua
rodchua@ucmo.edu  660-543-4438
DEGREE REQUIREMENTS:

REQUIRED GRADUATE COURSES ............................................................................................................. 21-24

  INDM  5210  Industrial Management................................................................................................. 3
  INDM  5160  Organizational Dynamics......................................................................................... 3
  INDM  5212  Production & Operations Management.................................................................. 3
  INDM  5240  Engineering Economy............................................................................................... 3
  ENGT  5580  Quality Systems Engineering, 3 or
  INDM  5130  Lean and Quality Management........................................................................... 3
  SOT    5010  Applied Research for Technology........................................................................ 3

CULMINATING EXPERIENCE .................................................................................................................... 3-6
(Taken the last semester of student’s program)

  INDM  5230  Seminar in Industrial Management ........................................................................ 3
  -or-
  SOT    5290  Thesis .................................................................................................................. 3-6

COGNATE REQUIREMENTS .......................................................................................................................... 9-12
(Choose any 3 with Thesis or 4 with Seminar)

  INDM  5110  Current Issues in Industry......................................................................................... 3
  INDM  5120  Human Factors Engineering .................................................................................... 3
  INDM  5140  Facilities Engineering............................................................................................... 3
  INDM  5150  Project Management ................................................................................................. 3
  INDM  5180  Industrial Statistics .................................................................................................... 3
  INDM  5015  Legal Aspects of Industry .......................................................................................... 3
  INDM  5020  International Technology Management .............................................................. 3
  INDM  5222  Principles and Practices of Lean Systems .............................................................. 3
  INDM  5232  Seminar in Lean Six Sigma Implementation .......................................................... 3
  INDM  5260  System Analysis & Management Information Systems ........................................ 3
  INDM  6580  Advanced Strategic Quality and Standard .............................................................. 3
  Departmentally approved graduate electives ................................................................................... 3

MINIMUM GRADUATE TOTAL ....................................................................................................................... 33

This guideline is only an indicator of the courses required for program completion. Change will occur and students must see an academic advisor for the latest information.