ENGINEERING MANAGEMENT

OVERVIEW
The Master of Science in Engineering Management (MS in EM) is a professional degree with optional disciplinary tracks, and is available as a regular coursework only MS, and project-based MS, as well as an Accelerated Master’s Program for undergraduates majoring in Engineering or Engineering Management. Students may have a BS in Engineering from an ABET-accredited institution, a BS in Engineering Management, an unaccredited BS in Engineering, or physical sciences. Those without an accredited degree may have to take additional courses to achieve equivalency of background.

DEGREES
Engineering Management AMP
Engineering Management M.S.

FACULTY
Dewoolkar, Mandar M.; Associate Professor, Civil and Environmental Engineering; PHD, University of Colorado Boulder
Dubief, Yves C.; Associate Professor, Mechanical Engineering; PHD, Institut National Polytechnique de Grenoble
Frolik, Jeff L.; Professor, Electrical and Biomedical Engineering; PHD, University of Michigan Ann Arbor
Huston, Dryver R.; Professor, Mechanical Engineering; PHD, Princeton University
Lucas, Marilyn T.; Associate Professor, Grossman School of Business; PHD, University of Illinois Urbana-Champaign
Monsen, Erik; Associate Professor, Grossman School of Business, PHD, University of Strathclyde, U.K

Courses
EMGT 201. Engineering Project Management. 3 Credits.
Principles of project management on designing, building/manufacturing engineering facilities, processes, products and structures; metrics for managing quality, schedule, and financial performance of projects; services and product procurement; project financial management; legal and insurance aspects. Prerequisites: Minimum Senior standing in Engineering.

EMGT 390. Internship. 1-18 Credits.
On-site supervised work experience combined with a structured academic learning plan directed by a faculty member or a faculty-staff team in which a faculty member is the instructor of record, for which academic credit is awarded. Offered at department discretion.

EMGT 391. Master's Thesis Research. 1-18 Credits.

EMGT 392. Independent Study. 1-18 Credits.
A course which is tailored to fit the interests of a specific student, which occurs outside the traditional classroom/laboratory setting under the supervision of a faculty member, for which credit is awarded. Offered at department discretion.

EMGT 396. Advanced Special Topics. 1-18 Credits.
See Schedule of Courses for specific titles.