

ENGINEERING MANAGEMENT

Requirements

Master of Engineering Management (MEM)

The MEM degree is a course-based professional degree for students seeking an in-depth understanding of the engineering management discipline and its application to their undergraduate program of study. Like MSEM students, MEM degree seekers develop business acumen and management/leadership skills to solve the socio-technical demands of today's workplace. Course requirements for the MEM degree include:

- 20 credit hours of technical courses
- 20 credit hours of managerial courses
- 8 credit hours of graduate-level elective courses
- 3 credit hours of EMGT Graduate Seminar

There is some flexibility with the balance of credits between the technical (20 credits) and managerial (20 credits) areas. In consultation with your academic advisor, and with approval from the Department Head, a student may be allowed to shift some credits between these two areas, weighting one area more than the other.

Master of Science in Engineering Management (MSEM)

The MSEM degree curriculum includes eight credit hours of an integrated project for students who want to investigate business practices, managerial principles, and engineering concepts and their impact on organizational operations. Students will be able to engage in research related to the engineering management discipline. Course requirements for the MSEM degree include:

- 20 credit hours of technical courses
- 20 credit hours of managerial courses
- 8 credit hours of Integrated Project (2 credit hours for proposal and 6 credit hours for research)
- 3 credit hours of EMGT Graduate Seminar

There is some flexibility with the balance of credits between the technical (20 credits) and managerial (20 credits) areas. In consultation with your academic advisor and with approval from the Department Head, a student may be allowed to shift some credits between these two areas, weighting one area more than the other.