

MASTER OF ENGINEERING MANAGEMENT, PROJECT MANAGEMENT TRACK

The Master of Engineering Management program, Project Management Track, is a coursework-only graduate degree program oriented toward students who wish to gain introductory knowledge in the management of engineering projects. Project management is a critical requirement for successful industrial, construction, and other engineering projects.

Students with a variety of academic backgrounds are eligible to apply for the program, including those with undergraduate degrees in engineering disciplines (e.g., architectural, civil, mechanical, or environmental engineering) and non-engineering disciplines (e.g., architecture, construction management, or others).

Curriculum

Code	Title	Credit Hours
Core Courses		(12)
EMGT 470	Project Management	3
EMGT 523	Statistical Analysis of Engineering Data	3
EMGT 574	Economic Decision Analysis in Engineering	3
EMGT 575	Systems Analysis in Engineering	3
Project-Based Course with Report		(3)
Select one of the following courses: CAE 597, ARCE 597, ENVE 597, MMAE 597, ECE 597, BME 597, ChEE 597, CS 597		3
Project Management Courses		(9)
Select nine credit hours from the following courses:		9
BUS 510	Strategic Management (Project-Based Course with Report)	3
BUS 550	Business Statistics	3
CAE 473	Construction Contract Administration	3
CAE 568	Transportation Asset Management	3
CAE 570	Legal Issues in Civil Engineering	3
CHE 506	Entrepreneurship and Intellectual Property Management	3
CHE 543	Energy, Environment, and Economics	3
INTM 511	Industrial Leadership	3
MBA 523	Negotiations and Strategic Decision Making	3
MMAE 560	Statistical Quality and Process Control	3
or CHE 560	Statistical Quality and Process Control	
MMAE 589	Applications in Reliability Engineering I	3
MMAE 590	Applications in Reliability Engineering II	3
Elective Courses		(6)
Select six credit hours from any 500-level BME, CHE, CAE, ECE, EG, ENVE, or MMAE engineering course.		6
Total Credit Hours		30