

Engineering (Master of Science)

Administrative Unit:	College of Engineering
College/School:	College of Engineering
Concentrations:	Civil & Environmental, Electrical, Mechanical, Naval Architecture & Marine Engineering
Options:	Non-thesis or Thesis

Overview

The M.S. in Engineering program...

Program Objectives

M.S. Engineering graduates will:

- Develop and Specify appropriate physical or system models for a chosen problem
- Specify or design an experiment to meet a need, conduct the experiment, analyze and explain the resulting data.
- Identify, formulate, and solve complex engineering problems (physical or system. models) by selecting and applying appropriate mathematical/computational tools and techniques.
- Synthesize advanced technical knowledge in a traditional or emerging area of:
Civil and Environment Engineering
Electrical Engineering
Mechanical Engineering
Naval Architecture and Marine Engineering

Program Admission

In addition to meeting the [minimum standards for admission to the Graduate School](#), applicants to the program must present evidence of adequate preparation to enroll in engineering courses, typically a bachelor's or equivalent in an engineering field. Preference is given to applicants with a GPA of 3.0 or higher for undergraduate and graduate courses. All applicants must submit satisfactory scores on the Graduate Record Examination (GRE).

Program Requirements

All M.S. Engineering students will complete 30 graduate credit hours. Students are required to complete a research project or thesis.

Course Requirements	
Minimum Credit Hours:	30 hours
Maximum Transfer Credits: (See Graduate School policy on Transfer of Credit)	12 hours
Minimum Credits at 6000-level	15 hours
Core Requirements:	
Time Limit	See Graduate School policy on time limits for degrees .