Master of Science in Engineering

The Master of Science in Engineering program is designed to prepare engineers for anything they’ll see in their career — even if it’s not the specialty they studied in undergraduate courses. In this program, students gain working knowledge of many engineering disciplines, from mechanical to civil, environmental to electrical, while also having the flexibility to concentrate in a specific area. This degree provides a rare opportunity to expand skills into all facets of engineering while augmenting skills in a chosen specialization.

Program Overview

- Thesis and non-thesis options available
- Following admission, each student will have an individualized plan of study (due at the end of the first semester)
  - This plan of study will be developed in consultation with and approved by the student's graduate advisory committee
- Advising for students that possess a bachelor's degree in a field other than engineering, physics, mathematics, or computer science will be done on a case by case basis

Course Overview

- Thesis option:
  - A thirty (30) hour in-person program designed for students who may be planning to continue to a doctoral program or considering a career in R&D. Includes:
    - Twenty-four (24) semester hours of approved courses
    - Six (6) additional hours of thesis research credit
    - A successful defense of a research thesis
    - A national or international presentation of work
    - Publication in proceedings
  - Students may benefit from WTAMU’s institutional agreement with Texas A&M University for acceptance into its doctoral program and potential scholarship opportunities
- Non-thesis option:
  - A thirty-six (36) hour program delivered mostly online and designed to meet workforce needs with flexible scheduling for working professionals. Including:
    - A three (3) credit hour project course: The project course incorporates a written report and oral presentation to the EGAC
  - Additional course work may be necessary for students lacking the proper course prerequisites or as required by the EGAC and specified in an approved plan of study
  - The thirty-six (36) hour program will facilitate students who want post graduate study as a requirement for professional certification

Degree Benefits

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Admission Criteria and Application Guidelines

Full Admission

- Complete online application through the WTAMU Graduate School
- Official transcripts from all post-secondary institutions attended
- Undergraduate grade point average (GPA) of 3.0 or higher
- Submit Graduate Record Exam (GRE) scores of at least the following:*  
  - Verbal Reasoning: 145
Quantitative Reasoning: 150

- Three (3) letters of recommendation
- A letter of intent describing your interest in engineering and what you hope to get out of this program
- Students will also participate in an interview process with the Engineering Graduate Advisory Committee (EGAC)

* Please note that waivers are available for applicants who have at least five (5) years of experience or applicants that have previously completed a master's degree. If you are requesting a waiver of GRE scores based on a previous master's degree or industry experience, fill out the GRE Waiver Form (http://www.wtamu.edu/webres/File/Academics/School-of-engineering/GREScore_WaiverRequest_Form%20-%20Engineering.pdf) and return it using the given instructions. If you are claiming an exemption based on industry experience, please forward your resume to ECS@wtamu.edu along with the exemption form.

Note: Meeting the minimum admission requirements does not guarantee admission.

Application Deadlines
- August 1 for fall admission
- December 1 for spring admission
- May 1 for summer admission

Program Contact Information
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