



كلية الهندسة
College of Engineering
QATAR UNIVERSITY جامعة قطر

Master of Science in Mechanical Engineering



About the Program

The Master of Science degree program in Mechanical Engineering is a research-intensive program, which offers a wide range of challenging and rewarding engineering experience. This includes research on energy, thermofluids, materials science and engineering, automotive, aerospace, design for sustainability, alternative-energy technologies, manufacturing processes, corrosion science and prevention, computational mechanics, combustion, mechatronics, robotics, computational science and engineering, process optimization, and biomedical engineering. Master degree in Mechanical engineering can be tailored to meet both broad and highly specialized interests (such as Materials Science and Engineering, Manufacturing Systems) can involve applied or fundamental research, and can prepare students for employment in industrial sectors. Students with the master's degree can be also prepared to continue his education toward a doctoral degree in Mechanical Engineering.

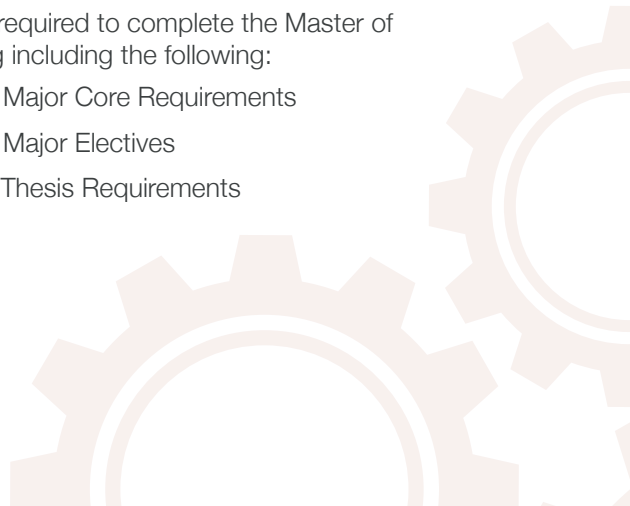
About the Curriculum and Coursework:

In addition to the research work (12 credit hours), students are required to complete 24 credit hours of coursework. A typical duration of the program is four semesters (two years) and the maximum duration is eight semesters (four years). The Program is offered for both part- and full-time students.

Degree Requirements:

A minimum of 36 credit hours are required to complete the Master of Science in Mechanical Engineering including the following:

- A minimum of 12 credit hours of Major Core Requirements
- A minimum of 12 credit hours of Major Electives
- A minimum of 12 credit hours in Thesis Requirements



Research Interests/Emphasis:

Facilities:

The Department of MIE boasts world class teaching and research facilities. We have a state of the art workshop that allows many parts and components for student's projects and research to be manufactured. We have 15 well-equipped labs that cater for our students.

Potential Careers:

The Master of Science in Mechanical Engineering program aims for excellence contributions to the engineering research that has regional, national, and international importance. Demand for professionals with intermediate level research skills is not new, but the current development activities and the expansion of the economy in Qatar certainly need individuals with this skill.

Financial Support:

A number of funding opportunities are available for graduate students through external and internal sources such as the National Priority Research Program (NPRP) of Qatar Foundation and Qatar University internal grants. Qualified graduates can also apply for graduate assistantships that are provided by Qatar University.





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