# Mechanical Engineer (MSc)

**Name of Faculty:** Faculty of Mechanical Engineering, Informatics and Electrical Engineering  
**Name of qualification and level:** Mechanical Engineer (MSc)  
**Duration of studies:** 4 semesters  
**Intake:** September

## Introduction to programme

The aim of the study programme is to train students to become technically advanced mechanical engineers. After completing their studies, mechanical engineers will be able to carry out high level scientific, specified technical, IT, business and project management tasks related to materials- and manufacturing technologies. Using their acquired knowledge, mechanical engineers will be able to design and manufacture different machines and their components. The master’s programme prepares students to participate in projects related to materials- and manufacturing technologies. Students will be also prepared to continue their studies in the PhD training programme at Széchenyi István University.

The master’s programme is in English which will enable students to secure positions and/or participate in projects in the mechanical engineering industry internationally. They will also be able to continue their studies abroad or fulfill leadership roles in multinational firms.

As the training programme is partly project-oriented, students participate in and/or lead a project which can be individual or interrelated. This philosophy prepares students to work, cooperate, and be leaders at the international level.

## Who is the programme aimed at?

**Specialization:** None

## Structure of studies

The total number of credits needed to complete the programme is 180 credits. The courses of the programme are divided into three categories: compulsory courses, thesis courses and elective courses. 1 credit equals 1 ECTS credit, and 1 credit is defined as 25 student working hours.

## Language requirements

English as a primary language of instruction: automatic acceptance. Otherwise, one of the following indications of English-language proficiency: (a) TOEFL IBT test score of 66, or PBT score 513, (b) Cambridge First Certificate "B", (c) IELTS score of 5.5 (d) any official certificate equal to the above mentioned.

## Academic requirements

Bachelor’s degree relevant to the Master’s studies, English language compliance, list of courses, CV, motivation letter (in English). BA/BSc degrees in Mechanical Engineering, Transportation Engineering, Logistics Engineering, Safety Engineering, Military and Safety Engineering, Military Engineering Information Technology, Mechanical Engineering Industry. Applicants with other types of BA/BSc degrees can also apply, but will have to fulfill some additional requirements.

## Tuition fee

€ 3,000 semester

## Application fee

€ 100 / application