Mechanical Engineering (English)

Programme in brief
Are you fascinated by technology? Do you have an interest in Mechanical Engineering and do you want to choose a wide study field that gives you many job opportunities after graduation: from drilling platforms to the plastics industry but also high tech industry or in construction companies. You learn to design (in 3D) and to make new products or to improve existing machinery. Can you imagine how to help a customer to make more energy-efficient machinery or devices, for example, or to realise that a manufacturing process produces less waste? It’s your choice what your future will look like!

Content of the programme
This 4-year bachelor programme is completely in English; the study materials are offered in theory and practical classes. In the first two years you will learn basic mechanical engineering subjects. From the third year you will continue with your specialisation programme. You will do subjects like energy and process technology, construction and mechanics, materials science, measurement and control engineering, mathematics and physics. You will also be trained in technical and communication skills.

What to expect from us
We train you to become an overall engineer. You will learn the theory and practice you need to design, create and maintain machines, production processes and machines. Your classes are given by teachers with a lot of real life working experience. You practice your technical skills and perform challenging (business) project assignments. As a mechanical engineer an important part of your work is making technical designs. We support you in that learning process and a study counsellor will guide you during your study.

What do we expect from you
- You have a passion for technology
- You’re curious to solve issues
- You are resourceful and accurate
- You consider math as a tool
- You know how to persevere

The study programme will be tough! Right from the start you need to study seriously and keep up in your study activities. You also have to learn to ask the right questions and how to find the right balance between study and leisure activities. If so, we are convinced that you quickly get used to your university study programme in Mechanical Engineering (ME).
Finance your study

The annual tuition fees for an FTB bachelor degree programme will be €1.042 for EU students (2019/2020). The tuition fee costs for non-EU students are generally higher. The tuition fee for non-EU students is €9.830 (2019/2020). Fontys FTB offers scholarships for non-EU students and loans for EU students.

The average living expenses per month for an international student who lives and studies in Holland are between €700 and €900 per month. These living expenses cover rent, insurance, food, public transportation, books, clothing and other general costs.

Admission requirements

As a prospective bachelor student you must have a diploma of higher secondary education that is equivalent to Dutch standards. Some equivalent international diplomas are the senior high school diploma GCE, British GCE-A-levels or the French Baccalaureat. Nevertheless, since every country has its own school system we will check your diploma once we have received it from you. In this way we can compare it to the required Dutch standards. The required English level must be equal to IELTS 6.0, TOEFL 550/80 or other equivalent tests. Applicants whose mother tongue is English will be exempted from the English requirement.

How to apply

Apply on:
fontys.edu/technologyandbusiness
choose the study programme of your choice.

Accommodation

It is not always easy for international students to find accommodation in Holland by themselves. Therefore, Fontys FTB offers a service to provide students with assistance in securing suitable accommodation (i.e. a student room) for the first period of their studies at Fontys. Although Fontys does not have its own campus dorms, it has established cooperation with a number of different accommodations or housing agencies and landlords.

Open days

We organise several Open Days in each academic year. On these days you can visit the campus and see the facilities, meet lecturers and students and attend presentations about the study programmes. In this academic year 2018 / 2019 the dates of open days are:

24 November 2018
27 January 2019
16 March 2019

Why study at Fontys?

All Fontys Technology and Business (FTB) bachelor programmes are officially accredited and quality-based bachelor programmes. Being a student in one of these programmes means that you live and study in one of the most promising, fast developing high tech regions of Europe: Brainport Region. This region has a unique environment in the Netherlands and is a breeding ground for innovation and home to world-class businesses, universities and research institutes.

Are you fascinated by technology and innovation or business? Are you looking for an outstanding study or career opportunity in the Netherlands? If so, you should consider Brainport Region in the Southeast of the Netherlands. It could be one of the smartest moves you make!

The Fontys way of studying

The Fontys teaching style is interactive and student-centred. It focuses on teamwork, which makes it easy to meet other international and Dutch students. Studying in Holland means developing an open mind and increasing your international orientation. A large part of all study programmes is dedicated to writing papers and working in groups to analyse and solve specific problems. You will also get a chance to get practical work experience through internships or do experiments in laboratories, depending on the field of study.

Teamwork: Holland has received international praise for its teaching style, which centres on students working together as a team and on self-study and self-discipline. The teacher will act as a facilitator and guide in the learning process.