



# Automotive Engineering

Language of study  
English

## Programme in brief

The vehicles of today are composed of intelligent systems connected to each other. There is a huge demand for lightweight vehicles that are able to communicate with their environment and this requires specialists who are willing to identify the limits in the field and push beyond them. The Automotive Engineering programme will teach you how to design, create, and test these vehicles. As an automotive engineer, you will collaborate on the development of innovative electric vehicles and the communication and navigation systems that operate in tandem with the vehicle and its environment. You will also work on creating sustainable, solar energy applications for heavy-duty vehicles.

The Automotive Engineering programme is a four-year English taught programme that focuses on a combination of theory, practice and project work. It leads to an international Bachelor of Science (BSc) degree. For the first two years, every student follows the same curriculum. Starting in the third academic year, you will be able to make curriculum choices based on your own interests. You will be allowed to choose your internship and your minor. If you spend 40 hours per week on the programme, you will definitely complete it successfully.

## What to expect from us

The Automotive Engineering programme teaches students how to design, create, and test vehicles. The design of the programme is highly personalised, which enables you to get to know the team of lecturers very quickly and to feel comfortable almost immediately. At the beginning of your studies, you will be assigned a study supervisor, who will help to guide you throughout the programme.

During your programme, you will train your technical skills and conduct challenging research and development projects, resulting in innovative products/solutions and mobility advancements in the process.

## What do we expect from you

Do you have a passion for engineering and automotive technology? Are you curious by nature? Do you enjoy finding solutions to practical issues? If so, then this is the right programme for you. Technical developments, especially those in mobility, are progressing rapidly. This means that you need to be able to approach problems creatively, be comfortable with mathematics, and be able to easily switch between theory and practice. Of course, perseverance is an important criterion for your success.

## Contact

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SCHOOL OF  
ENGINEERING

## The Fontys way of studying

The Fontys teaching style is interactive and student-centered. 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.

## 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!

## 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 them for FTB bachelor's programmes 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 a foreign student living and studying 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

International Baccalaureate or

Career-related Certificate of the International Baccalaureate or

(Dutch) HAVO or VWO certificate or

General Certificate Secondary Education (GCSE). Requirements: at least 6 exam subjects. Minimum for the examinee subjects is 4 GCSE subjects with grades A\*, A, B or C and 2 GCE subjects at A/S Level (no specific grade required). A/S Level means advanced subsidiary level (previously advanced supplementary level). Mathematics should be part of examinee subjects; or

For all equivalent educations, please send us your documents for diploma assessment.

## Open days

## How to apply

Apply on:

[fontys.edu/](https://fontys.edu/)

[technologyandbusiness](https://fontys.edu/technologyandbusiness)

choose the study programme of your choice

## Accommodation

It is not always easy for international students to find accommodation in the Netherlands. Therefore, Fontys 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.

Deadline for application: 15 June 2020

