



Electrical and Electronic Engineering (English)

Programme in brief

Electrical & Electronic Engineering (EEE) is a 4-years English taught bachelor programme that leads to the international Bachelor of Science (BSc) degree. The curriculum of the EEE bachelor is offered in the context of 4 themes: Sound Engineering, Care & Cure, Smart & Sustainable and Connected World. With the knowledge and skills gained in this bachelor programme you can work as high-level engineers in the wide field of Electronic Engineering, both in the Netherlands and abroad.

Content of the programme

The first and second year of the EEE bachelor programme offers you a range of subjects belonging to the wide field of Electrical & Electronics Engineering. In the first two years you must think of subjects like Analogue and Digital design, Embedded systems, Mathematics, programming in C# and many more. Each phase consists of a number of semesters, which are composed of theory, practicals in laboratories and projects. Two internships including thesis writing in a company are part of the bachelor programme. In semester 6 the minor programme is scheduled.

What to expect from us

The Electrical & Electronic Engineering bachelor programme has a focus on higher professional university training based on a strong theoretical and practical foundation. Teaching is done by using different methods: theory and practical classes, lectures, laboratory assignments but also doing real-time projects from industry and self-study activities. For all programmes you can have an influence on your own content and planning of your study. A study counsellor will help you make the right decisions.

What do we expect from you

As a future Electronic engineer you are able to work in teams. In other words: you are a real team-player. Moreover you need to understand how to use high-tech knowledge in real-time situations. That's why theory classes are always supported by practical assignments. As a student you also search for additional knowledge and skills to improve your own development. This requires a high sense of responsibility, a high level of analytical thinking and leadership qualities. It goes without saying that your communication skills and level of English are very good. At secondary school your grades for mathematics and physics need to be very good. You need to spend around 40-45 hours per week on study activities.

Intake
September, February

Degree
Bachelor

Education form
Full-time

Places
Eindhoven

Language of study
English

This bachelor programme leads to the international Bachelor of Science degree (BSc).

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 FontysFTB

 FontysTechnologyandBusiness



SCHOOL OF
ENGINEERING

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.

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 programs 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 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.

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.

How to apply

Apply on:

[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 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

