



International Engineering

“Science is about knowing, engineering is about doing.”

industrial product development | international | abroad internship | English-taught | mechanical engineering | mechatronics | methodical design | programming | robotics | technical design | collaborate | communicate | company assignments

International opportunities

Do you wish to work abroad or for an international company? This English-taught programme prepares you for a wide variety of opportunities. The programme is entirely in English, including an internship at an internationally oriented company in the Netherlands, and abroad at a later stage.

Realistic company assignments

You will be working on assignments from (international) companies, combined with teaching material from disciplines such as mechatronics, mechanical engineering and product development. The focus is on technical and methodical design.

More than just engineering

Besides gaining broad knowledge in the field of engineering, you will also be stimulated to develop general skills: everything you need to be well prepared to conquer the international labour market. In addition, you are optimally prepared for further training at higher vocational education (hbo).

What will you become?

As a technical engineer you will do a variety of work. You solve engineering problems in several technical surroundings. You have a broad knowledge and skills to be successful at your work. Your main tasks will be: problem analysis, research, solving technical problems, prototyping, testing and improving, professional communication.

General information

- 4 years
- Startmoment: August
- 35% work placement
- 65% school
- Crebo: 25297

Summa Engineering

Het Eeuwsel 2, Eindhoven (TU/e)

SUMMA
College

Be the ^{best} you can be!

Possible further education

After graduation, you can move on to various English-taught higher vocational education programmes (hbo)

About the programme

This is a broad engineering programme which focusses on the many different tasks of a technical engineer. The course is built around the principles of “the seven steps of problem-solving” and “system thinking”.

The programme consists of projects. In each project a realistic problem is solved. The lessons will help you to solve these problems. You will have guest lecturers from the experts in the world of engineering.

Internships will be followed at internationally oriented companies in the Netherlands and - further on in programme - abroad. Each year of study usually consists of four lesson periods (3 projects, 1 internship).

Study fees

The tuition fees are €1.168. In addition to the tuition fee you have to take into account the following costs:

Books, software licenses and work material package

An overview of the total costs for the coming school year can be found centrally at Studers no later than July 1st each year. To give you an idea: look at the costs of the current school year. Summa College determines the specifications, but you can choose where you buy the educational materials.

Important note: This programme is completely developed by teachers and experts. Therefore, we do not have a standard list of study books. Instead the teachers are able to ask each student to buy supportive content or software licenses, which will be used for the projects, up to an amount of €500,- euros per student.

Laptop

This programme requires students to have a laptop at their disposal. Please make sure your laptop has the correct specifications, which you can download here.

Additional activities and facilities

In addition to the costs for the equipment and materials, additional activities and facilities may be offered, such as company visits and excursions in the Netherlands and abroad. These activities and facilities have an added value, but are voluntary and not necessary for following the programme and obtaining a diploma. These additional activities and facilities will be announced on this page as soon as possible. The indication of 1st yearly costs for this is €500,-

Electives

You have to take class at four electives. These electives allow you to broaden or deepen your craftsmanship or prepare you to move on to a higher level. Each elective has an exam. The contents of the elective modules are determined by the school in consultation with the work field. The modules are currently under development and the offer may still change.

Pre-education

To be accepted for this programme you need:

- pre-vocational secondary education certificate theoretical programme or;
- bilingual secondary education certificate.

Additional pre-education demands:

Math and science are highly recommended.

The programme is also suitable for foreign students (whether or not currently living in the Netherlands) with a comparable level of education. In order to follow this programme successfully, a good command of the English language is necessary.