

# Biomedical Engineering

**The focus of this programme lies on designing and producing medical devices either for diagnosis or treatment. You will learn to design and develop applications that will literally come in contact with people. These relate to surgical equipment, biomedical instrumentation and orthopaedic devices.**

The Biomedical Engineering programme consists of courses and an applied project. The courses are assessed by theory tests and practical workshops. You will work in a project group on the realisation of a biomedical device. Assignments will be provided by the Health Care industry or Medical Centres.

## Course outline

Would you like to know which courses are part of this programme? Take a look at the ECTS course catalogue (please look at 'exchange programmes') for detailed information.

## Language

English

## Location

NB: The programme is offered in Assen, a town 30 km south of Groningen. However, not many exchange students live in Assen, and Hanze UAS doesn't offer student accommodation in Assen. If you want to live in Assen, you need to find a room yourself. For information on how to find a room in Assen). If you want to be part of an international student community and make use of the many services / activities offered to students in Groningen, we would advise you to live in Groningen and commute between Groningen and Assen (20 minutes by train). In that case you will have to take into account travel costs: a return ticket Groningen – Assen by train costs app. € 12 / day.

Excursions to various locations in the Groningen-Assen region are part of the programme. Depending on your project, you probably need to visit your client a few times as well.

## Duration

One semester (30 ECTS credits).

Students who apply for this programme are expected to do the whole programme of 30 ECTS credits.

## Course period

Autumn semester (September - February).

## Tuition fees

### Exchange students

Exchange students (students from partner universities) don't need to pay tuition fees.

### Certificate students

Costs for certificate students (students not from partner universities) can be found under [hanze.nl/tuitionfees](http://hanze.nl/tuitionfees)

## Admission requirements

The programme is offered in the final year of a (4-year) bachelor programme. Depending on the length of the bachelor programme at the home university, students need to have completed 120 to 180 ECTS credits (4 to 6 semesters) at undergraduate level in electrical or mechanical engineering, mechatronics or physics.

### Language requirements

Exchange students need to have a good level of English, comparable to IELTS 6.0, TOEFL 550 or CEFR B2.

Certificate students need to give proof of English proficiency: IELTS 6.0 or TOEFL 550.

## Applicaton (deadline)

### Application deadline

1 June (Autumn Semester)

*Students from Bangladesh, Pakistan and Nepal need to apply before 1 May*

For more information regarding practical matters (application, housing, tuition fees), you can contact the **International Service Desk**.

## Notes

The schedule for this programme may vary from week to week. The programme is intensive and students who apply for this programme are expected to be available and present for the whole duration of the programme.