

## Master Engineering Systems

# Control Systems



A Master in Engineering Systems, track Control Systems, takes your engineering skills to the next level. It gives you a thorough understanding of advanced control systems in modern industry as well as cutting-edge techniques that are directly applicable in an industrial environment.

### Profession

Control systems engineers are involved in all processes from research, design, development and production right through to evaluation of control systems. The qualification of a Masters degree enhances your professional skills so you can effectively manage projects, while balancing engineering, economic and commercial activities.

### Your future

Your expertise will be greatly valued anywhere in the technical sector as well as in higher education, research institutes or in R&D departments of companies and organisations across the globe.

### Your study programme

This is a summarised indication of the courses you will follow.



#### 1st semester

Systems Modelling

Applied Control

#### 2nd semester

Choice of two modules:

Big Data & Small Data

Advanced Controller Design

Distributed Systems

#### 3rd semester

Masters Thesis

### Career prospects

- Advanced Research Engineer
- Product Engineer
- Control Systems Engineer



### Study load per week

- Contact hours: 16 - 20 full-time, 8 - 10 part-time
- Study hours: 40 full-time, 20 part-time

### Costs

Check the tuition fees that apply to you on [www.han.nl/tuitionfees](http://www.han.nl/tuitionfees).

Non-EU/EEA-students require a residence permit to stay in the Netherlands, which involves additional costs. Detailed information can be found on [www.han.nl/visa](http://www.han.nl/visa).



### Location

Arnhem



### Course start

February (only part-time) and September



### Course duration

1.5 years (full-time)  
3 years (part-time)



### Language

English



### Degree

Master of Science

## International classroom

During this course you are part of an international classroom, which gives you the opportunity to study and work with students from all over the world.

## A good match?



- Are you looking to take your engineering expertise to the next level?
- Are you interested in control systems and how to design and develop them?
- Do you want to broaden your career opportunities?
- Are you analytical and do you enjoy doing applied research?

Then this course would be a good match for you.

## Why study at HAN?



- This course had been rated 'top programme' for four years running in the Dutch study guide (*Keuzegids Masters – 2013-2016*).
- You participate in research conducted by the HAN Control Systems Research Group that focuses on the interface between energy and mobility.
- The Dutch government recently granted funding for this programme on account of its uniqueness and high quality. EU/EEA students therefore benefit from lower tuition fees.

## Graduation percentage



90% of all students graduate within 2 years

## Employability



90% of all graduates find a job within a year

## Admission requirements



- Bachelors degree in Mechanical Engineering, Automotive Engineering, Electrical Engineering or a comparable degree (minimum GPA 2.8 out of 4.0)
- Fluency in English:
  - IELTS > 6.0; all sub-scores must be 6.0 or higher
  - TOEFL > 80 (Internet based) ; all sub-scores must be at least 18
  - Cambridge Certificate (CAE or CPE)

[www.han.nl/admission](http://www.han.nl/admission)

## Next steps in orientation



If you are considering studying at HAN University of Applied Sciences but you would first like to find out more, then you are welcome to meet us either online or in person. There are numerous opportunities for you to meet our lecturers, students and alumni:

- Open Days
- Education fairs
- Information sessions
- Online meeting
- Student for a day

[www.han.nl/meetus](http://www.han.nl/meetus)

## Application procedure



### Step 1

Apply through Studielink, the central online application tool for higher education in the Netherlands.

### Step 2

HAN Admissions Office will ask you to forward the documents needed to process your application.

### Step 3

The relevant course coordinator reviews your application. You might be contacted for additional information or for an interview. Following this, you will be informed whether you have been admitted.

### Step 4

You are a student of HAN University of Applied Sciences once you have received the acceptance letter and paid the tuition fees.

## Housing



HAN Housing Office can help you with accommodation. Find more information on our website: [www.han.nl/hanhousingoffice](http://www.han.nl/hanhousingoffice) or on [Facebook.com/HANhousingoffice](https://www.facebook.com/HANhousingoffice).