If you are interested in robot programming, control systems and software, this bachelor’s programme may be of interest to you. The new and unique programme in Robotics joins together a range of subjects such as mechanics and production, electronics and IT, computer vision, media technology and health science technology.

The Robotics programme teaches you about the challenges faced by companies, engineering consultants and service- and research institutes in relation to the utilisation of robots and automation, and you will become the person able to assist them in this matter.

THE PROGRAMME
As a student, you will have access to state-of-the-art technologies and laboratories, and you will be taught by highly skilled professors from across the university. You will learn to manage development-, analysis- and service tasks independently. As a graduate of a cross-disciplinary programme, you will also gain a special competence sought after by many employers – the ability to bridge gaps and co-operate with people from many different academic as well as professional fields. The 1st semester introduces you to these three main fields; manipulators, actuators and sensors. On the following semesters, you will learn about each of them: manipulators on the 2nd semester, actuators on the 3rd semester and sensors on the 4th semester. During the 5th semester, you will learn to connect these systems to make robots, and on the 6th semester, you are going to work with the use of robots, typically in industry or healthcare service. You can also choose to work with theories and methods in robotics and automation.

PROBLEM BASED LEARNING
The study method at Aalborg University is called problem based project work, or “The Aalborg Model for Problem Based Learning (PBL)”, and is highly recognised both nationally and internationally. UNESCO has placed its only Professorial Chair in PBL at AAU. Among others, it means that each semester, you will work closely together with a group of fellow students on a large written assignment. See more at www.en.aau.dk/education/problem-based-learning

THE PROGRAMME IN BRIEF

ADMISSION REQUIREMENTS
Upper secondary school exam, including:
- English B or an acceptable IELTS or TOEFL
- Mathematics A
- Physics B

RESTRICTED ADMISSION
All applicants who meet the admission requirements are admitted.

LEARN ABOUT
- Robot programming
- Automation
- Mechanics and electronics
- Software and computer vision
- Bio mechanics

PLACE OF STUDY
Aalborg

IF YOU HAVE AN INTEREST IN
- IT, electronics & programming
- Technique, construction and innovation

CONTINUE YOUR STUDIES ON
- Control and Automation

JOB OPTIONS
- Development- and service engineer
- Project manager
- Consultant

FOR MORE INFORMATION
Website:
WWW.EN.AAU.DK/EDUCATION/BACHELOR/ROBOTICS

The programme’s student counsellor:
E-SV@ES.AAU.DK

AAU’s Central Student Guidance Service:
STUDIEVEJLEDNING@AAU.DK
+45 9940 9440

How to apply for admission:
WWW.EN.AAU.DK/EDUCATION/APPLY/BACHELOR/HOW-TO-APPLY