If you would like to work with e.g. electric circuits, dynamic systems, control- and automation techniques, mathematics, network and design of control systems, the master’s in Control and Automation may be of interest to you.

On this programme, you may get to work with for instance wind turbines, power plants, robots, control of heating- and cooling systems for industry, development of micro satellites, etc. You will also work with subjects such as robust and optimal control, fault tolerant systems, mathematical modelling of mechanical and thermal systems, control of complex processes, etc. In Denmark, many companies use control and automation in their products, and this programme cooperates with several of them, among others Danfoss, Grundfos, B&O and Vestas. This facilitates many exciting job opportunities for graduates of Control and Automation, both in Denmark and internationally.

**THE PROGRAMME**

The master’s programme in Control and Automation consists of four semesters, where you gradually work with more complex subjects. The 1st and 2nd semester includes modelling and control of linearized systems, multivariable and optimal control, analysis of stability and controlled systems as well as control in networks. On the 3rd semester, you are introduced to more advanced methods for control and automation with focus on how systems may be made independent of human operators. On the 4th and last semester, you work out your master’s thesis within a subject that you choose in cooperation with your supervisor.

**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

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**THE PROGRAMME IN BRIEF**

**ADMISSION REQUIREMENTS**

In order to be accepted at the Control and Automation programme at Aalborg University, you should have a background in electronics and basic control system design. Applicants with other backgrounds will receive individual assessment by the Study Board of Electronics and IT at Aalborg University.

**RESTRICTED ADMISSION**

All applicants meeting the admission requirements are admitted.

**LEARN ABOUT**

Control and automation systems  
Dynamic systems  
Industrially focused and motivated advanced process control

**PLACE OF STUDY**

Aalborg

**IF YOU HAVE AN INTEREST IN**

It, electronics & programming  
Technique, construction & innovation

**JOB OPTIONS WITH**

Large Danish and international companies such as Danfoss, Vestas, Grundfos, Siemens, Bang & Olufsen, Dong Energy, etc.  
Smaller companies such as Picca Automation, Neogrid Technologies, Migatronic, Added Values, etc.

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**FOR MORE INFORMATION**

Website:  
[WWW.EN.AAU.DK/EDUCATION/MASTER/CONTROL-AUTOMATION](http://WWW.EN.AAU.DK/EDUCATION/MASTER/CONTROL-AUTOMATION)

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/MASTER/HOW-TO-APPLY](http://WWW.EN.AAU.DK/EDUCATION/APPLY/MASTER/HOW-TO-APPLY)