GUEST/EXCHANGE PROGRAMME 5TH - 6TH SEMESTER

ELECTRONICS AND IT

THE PROGRAMME IN BRIEF

ADMISSION REQUIREMENTS
Two full years of a relevant BSc education (120 ECTS).

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

LEARN ABOUT
Electronic systems
Signal processing
Control technique
Mathematics

PLACE OF STUDY
Aalborg

IF YOU HAVE AN INTEREST IN
IT, electronics and programming

Technique, construction and innovation

CONTINUE YOUR STUDIES ON
Acoustics and Audio Technology
Control and Automation
Networks and Distributed Systems
Signal Processing and Computing
Vision, Graphics and Interactive Systems
Wireless Communication Systems
Etc.

JOB OPTIONS
Electronics companies
Sales
Manufacturing companies
Consultative engineering
The public sector

FOR MORE INFORMATION
Website:
WWW.EN.AAU.DK/EDUCATION/GUEST-EXCHANGE/ELECTRONICS-IT/

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/EXCHANGE-ERASMUS/

Are you interested in hi-tech electronic systems, comprising state-of-the-art hardware and software technology, such as self-controlling robots, satellites and wireless communication platforms, or advanced signal processing and algorithms?

The last year of the BSc programme in Electronics and IT runs in English, and international students may be admitted for the two semesters. The programme is focused on theoretical, methodological and practical skills acquired through problem-based learning.

THE PROGRAMME

On the 1st (5th) semester, you will among others work with the interaction between computers and their surroundings via various kinds of sensors and actuators, including modelling and control of physical systems, digital signal processing and communicating systems. You will become able to analyse, design and implement systems involving both physical elements and computers. Moreover, you will learn about analogue and digital signals, regulators, communicating systems, including hardware, models and protocols, etc. The 2nd (6th) semester is the final semester of the bachelor’s programme, and here, you carry out your bachelor’s project. You have four areas to choose from:
• Control engineering
• Communication systems
• Embedded real-time signal processing
• Information processing systems

All four subject areas give you the opportunity to work together with a company or an organisation.

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