OPERATIONS AND INNOVATION MANAGEMENT
GLOBAL MANAGEMENT

2-YEAR MASTER OF SCIENCE IN TECHNOLOGY PROGRAMME
CAND.TECH.
Do you want to develop and manage global business systems and value chains of the future? Specialising in Global Management, you will be able to handle the challenges of increasing globalisation that most companies are facing. Off-shoring and outsourcing of different activities within the company’s value chain are creating a completely new managerial agenda.

Studying Operations and Innovation Management with specialisation in Global Management will give you the expertise needed in order to analyse, understand and solve the challenges associated with the disintegration and globalisation of a company’s value chain. Moreover, the programme allows you to work with innovative, global business models and systems, and provides you with a balanced analytical, systemic and managerial understanding of the management and development of a global value chain as well as its underpinning disciplines.
Operations and Innovation Management with specialisation in Global Management is a 2 year (120 ECTS) Master of Science in Technology programme. The programme provides you with the opportunity to conduct your project work in collaboration with a company. You will address topics such as:

- Development of a global value and supply chains
- Managing core processes in value and supply chains
- Off-shoring and out-sourcing
- Development and deployment of technologies in the value chain
- Technology and innovation management
- The interplay of technologies, value chains and business creation

Each semester of the programme has a specific theme.

1st semester: Design of global value chains
Here you will deal with the problems and challenges emerging from the disintegration and fragmentation of a company’s value chains. Examples of project reports include: Supplier relationship management in a transport perspective, improving the use of lean in a company, and assessment of outsourcing readiness.

2nd semester: Global innovation and technology management
During this semester, you will work with problems related to the increasing globalisation and its effect on the innovative activities of a company. Examples of project reports are technological innovation for a “Bottom-of-the-pyramid” market and globalisation of the technology center at company.

3rd semester: Individual specialisation
During this semester, you get the opportunity to design your own semester and specialise in relevant topics you wish to gain more in-depth knowledge about. This may include an internship in a company or taking courses at another university in Denmark or abroad. Finally, you have the possibility to prolong your thesis work for two semesters, to reach a deeper understanding of your topic.

4th semester: Master’s thesis
You will finish the study programme with a final academic thesis – the Master’s thesis. This project is larger than the projects you have carried out so far. When carrying out the thesis, you have the opportunity to combine all the knowledge and skills you have acquired throughout the study programme. The Master’s thesis can be in nature of industrial development, further development of a project, or actual research. You will typically do your Master’s thesis in cooperation with a company on a topic you choose to specialise in.
CAREER OPPORTUNITIES

With a Master’s specialisation in Global Management your future workplace could be a pharmaceutical company, companies in the service and IT industries or industrial companies.

Your potential future job title could be:

- Management Consultant
- Sales and Operations Manager
- Supply Chain Development Manager
- Department Head
- Strategic Purchaser
- Analyst
- Project Coordinator
- Process Manager
PROBLEM BASED LEARNING

As a student at Aalborg University, you will work closely together with your fellow students by way of problem based project work. The Aalborg Model for Problem Based Learning (PBL) receives great interest both nationally and internationally, and UNESCO has placed its only Professorial Chair in PBL at Aalborg University.

Typically, you will be part of a group consisting of 4-5 students. Once you have formed a project group, you need to define a problem together that you want to examine. Every group is assigned a supervisor who has the responsibility to guide the group through the project. The problem forms the basis of your project, and you are to a great extent responsible for defining it yourselves within an often very broad theme frame. The group work ensures a great variety of approaches and perspectives, which results in a sound and thoroughly prepared project. Together, you are able to discuss the details thoroughly. At the same time, you are able to solve larger and more complex problems than if you were studying on an individual basis.

Each of you has the opportunity to shape the project because group work requires a contribution from everyone. If you have any academic questions, you may also discuss these with your friends in the group. The project work is completed with an exam. While working on your project, you will also need to do individual exams in your subjects. Together with lectures, literature and cooperation with the corporate sector, the project work will help you gain a deeper insight into the subject you are examining than if you had been working on your own.

With group work, you will quickly realise that you might have different opinions about how to solve a problem. Group work means that you have to compromise, and you will learn a lot about how to cooperate. Group work is very popular in the modern labour market so both you and your future workplace will benefit from the skills in cooperation you have acquired at Aalborg University.
STUDENT LIFE

STUDY IN COPENHAGEN

Aalborg University Copenhagen (AAU-Cph) is located near the centre of Copenhagen, just 15 minutes from the Central Station. At AAU-Cph, you will be part of a dynamic, international and inspiring research and study environment of more than 3,500 students, 600 researchers and several innovative companies.

NEW AND MODERN FACILITIES

The new campus is designed to facilitate and optimise project-based learning, networking and interaction. All students at AAU-Cph have access to well-designed study spaces and newly furnished lecture halls.

INNOVATION AND ENTREPRENEURSHIP

Innovation and entrepreneurship are integrated into all programmes at AAU-Cph with the purpose of stimulating and developing your innovative ideas. The new campus is home to several start-ups, and AAU Innovation is represented at AAU-Cph to support students with entrepreneurial aspirations.
The housing market in Copenhagen is challenging, so start your search early. AAU-Cph has a limited number of rooms in residence halls for international students.
APPLICATION AND REQUIREMENTS

A number of Bachelor’s degrees and professional Bachelor’s degrees qualify you to enroll in the Master of Science in Technology programme including:

- Humanistic Informatics/Human Centered Informatics
- Medialogy
- IT, Communication and New Media
- Information Technology
- Informatics
- Languages
- Communication
- Media studies
- Journalism
- Film Director and Instructor
- Public Administration
- Business Studies
- Architecture
- Building construction

Students with another Bachelor degree may, upon application to the Board of Studies, be admitted upon a specific assessment if the applicant is considered as having comparable educational prerequisites.

Please note that the programme will admit a limited number of students.

The official minimum English language requirement for Danish students is B level.

The official English language requirements for international students applying to Aalborg University are:

- IELTS (academic test): 6.5 or www.ielts.org
- TOEFL (paper-based): 560 or www.ets.org/toefl
- TOEFL (internet-based): 88 or www.ets.org/toefl
- Cambridge Certificate of Proficiency (CPE) www.cambridgeenglish.org
- Certificate in Advanced English (CAE) www.cambridgeenglish.org
- Cambridge First Certificate with the grade B www.cambridgeenglish.org

*The test has to be sent directly from the test center.
** Original or verified copy of original.
You do not have to submit an official English test if one of the following criteria applies to you:

- Have a major/minor in English, i.e. the English language is the field of study (studies in English linguistics or literature), and not only an elective course or medium of instruction.
- Have a complete bachelor’s or master’s degree done in English from either Australia, the UK, Ireland, Norway, Sweden, Finland, Iceland, USA, New Zealand, South Africa or Canada.
- Have a complete bachelor’s degree from a Danish University.
- Have a complete bachelor’s degree from a Danish academy of professional higher education.
- Have a complete bachelor’s degree from a Danish university college.
- Have completed ‘English level B’ in Denmark (minimum average grade 02).

For more information, please refer to apply.aau.dk or optagelse.aau.dk

TUITION-FREE STUDIES

Students from EU/EEA countries are not required to pay a tuition fee. However, all students must pay all other costs related to studying in Denmark: for example costs related to books, living expenses and accommodation. With the exception of students from partner universities outside the EU/EEA, a student from a non-EU/EEA country will need to pay a tuition fee.

For further information about tuition please visit: apply.aau.dk/how-to-apply-postgraduate/tuition-fee/

APPLICATION DEADLINE

Danish and international students: 1 April.

For further information please refer to optagelse.aau.dk or apply.aau.dk

LIMITED ADMISSION

There are only a limited number of student places available. Applicants will be assessed individually based on relevance of Bachelor degree and Grade Point Average of the BA at the time of application.
CONTACT INFORMATION

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