



AALBORG UNIVERSITY
DENMARK

The Faculty of Engineering and Science
The Study Board of Industry and Global Business Development

Curriculum for The Master of Science Programme in Technology in Entrepreneurial Engineering

Aalborg University
September 2017

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Preface

Pursuant to Act 261 of March 18, 2015 on Universities (the University Act) with subsequent changes, the following curriculum for the Master's programme in Entrepreneurial Engineering is stipulated. The programme also follows the Joint Programme Regulations and the Examination Policies and Procedures for The Technical Faculty of IT and Design, The Faculty of Engineering and Science, and The Faculty of Medicine.

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Chapter 1: Legal Basis of the Curriculum, etc.

1.1 Basis in Ministerial Orders

The Master's programme in Entrepreneurial Engineering is organised in accordance with the Ministry of Higher Education and Science's Order no. 1061 of June 30, 2016 on Bachelor's and Master's Programmes at Universities (the Ministerial Order of the Study Programmes) and Ministerial Order no. 1062 of June 30, 2016 on University Examinations (the Examination Order). Further reference is made to Ministerial Order no. 258 of March 18, 2015 (the Admission Order) and Ministerial Order no. 114 of February 3, 2015 (the Grading Scale Order) with subsequent changes.

1.2 Faculty Affiliation

The Master's programme falls under the Faculty of Engineering and Science, Aalborg University.

1.3 Board of Studies Affiliation

The Master's programme falls under the Board of Studies of Industry and Global Business Development under the School of Engineering and Science.

1.4 External Examiners Corps

The Master's programme is associated with the Danish: Ing/maskin

Chapter 2: Admission, Degree Designation, Programme Duration and Competence Profile

2.1 Admission

Applicants with one of the following degrees are entitled to admission:

- Bachelor of Science in Architecture and Design
- Bachelor of Science in Civil Engineering
- Bachelor of Science in Electronics and Computer Engineering
- Bachelor of Science in Internet Technology
- Bachelor of Science in Computer Systems
- Bachelor of Science in Software
- Bachelor of Science in Machine and Manufacturing
- Bachelor of Science in Medialogy
- Bachelor of Science in City-, Energy and Environmental Planning
- Bachelor of Science in Health Science and Technology
- Bachelor of Science in Architectural Technology and Construction Management
- Bachelor of Science in Civil Engineering
- Bachelor of Science in Mechanical Engineering
- Bachelor of Science in Engineering in Information and Communication Technology.

Applicants without legal claim to admission:

Other professional bachelor degrees from the technical science or natural science field may be admitted upon specific academic assessment by the Board of Studies.

Students with another Bachelor degree may, upon application to the Board of Studies, be admitted upon a specific academic assessment if the applicant is considered as having comparable educational prerequisites. The University may stipulate requirements concerning conducting additional exams prior to the start of study.

The basic education as bachelor, diploma engineer or similar must contain an element of innovation/business creation/business understanding corresponding to minimum 10 ECTS (acquired through projects or courses).

Since the education is conducted in English there is a minimum requirement of English capabilities at level B or similar internationally acknowledged tests cf. § 6 in declaration number 213 dated 21/02/2012 regarding admission a.o. for bachelor's and master's programmes at the universities (notification of admission/adgangsbekendtgørelsen)

2.2 Degree Designation in Danish and English

The Master programme entitles the graduate to the Danish designation cand.tech. i forretningsinnovation. The English designation is: Master of Science (MSc) in Technology (Entrepreneurial Engineering).

2.3 The Programme's Specification in ECTS Credits

The Master programme is a 2-year, research-based, full-time study programme. The programme is set to 120 ECTS credits.

2.4 Competence Profile in the Diploma

The following competence profile will appear in the degree certificate:

Competence Profile

A graduate of the Master programme has competencies acquired through an educational programme that takes place in a research environment.

The graduate of the Master programme can perform highly qualified functions on the labour market enabled by the educational programme. Moreover, the graduate has prerequisites for undertaking research, including enrolling in a PhD programme. Compared to the Bachelor degree, the graduate of the Master programme has developed her/his academic knowledge and independency, so that the graduate is able to independently apply scientific theory and method in both an academic and occupational/professional context.

2.5 Competence Profile of the Programme

Knowledge

- The graduate will have acquired knowledge about theories, methods and tools within the fields of business development, innovation, entrepreneurship, agile processes, prototyping, design thinking and creativity, based on research at the highest international level
- The graduate can understand and scientifically reflect on knowledge associated with the above-mentioned areas, and the graduate will be able to identify research questions related to these areas.

Skills

- The graduate has learned to master the scientific methods, tools and general skills related to business development,

innovation, entrepreneurship, agile processes, prototyping, design thinking and creativity.

- The graduate will be able to choose between the different scientific theories, methods, tools and general skills and – based on a scientific foundation – generate models of analysis and solutions.
- The graduate will be able to disseminate research-based knowledge and discuss professional and scientific topics with both peers and non-specialists.

Competencies

- The graduate can use creative and lateral thinking for the creation of new and innovative solutions and methods.
- The graduate can identify and create new technology- and knowledge based opportunities for value creation and business.
- The graduate can organize the process of qualifying, quantifying and pursuing opportunities in both new and existing organizations.
- The graduate will be able to strengthen the potential for creativity and innovation in existing organizations through implementation of new processes and methods.
- The graduate will be able to independently take responsibility for his/her own professional development and specialisation.
- The graduate will have developed professional competencies within developing new business and the transformation of organisational settings with a special attention to:
 - Commercialisation of new knowledge
 - Value creation through innovative solutions
 - Development and implementation of processes that enable creative and innovative solutions in organisations.

Chapter 3: Content and Organisation of the Programme

The programme is structured in modules and organised as a problem-based study. A module is a programme element or a group of programme elements aiming to give students a set of professional skills within a fixed time frame specified in ECTS credits, and concluding with one or more examinations within specific exam periods that are defined in the curriculum.

The programme is based on a combination of academic, problem-oriented and interdisciplinary approaches and organised based on the following work and evaluation methods that combine skills and reflection:

- Lectures
- Classroom instruction
- Project work
- Workshops

- Collaboration with external partners
- Exercises (individually and in groups)
- Teacher feedback
- Reflection
- Portfolio work

3.1 Overview of the Programme

The table below gives an overview of the project modules and course modules that need to be completed during the four Semesters of the master's programme.

All modules are assessed through individual grading according to the 7-point scale or Pass/Fail. All modules are assessed by external examination (external grading) or internal examination (internal grading or by assessment by the supervisor only). The education is in English

Semester	Module	ECTS	Grading	Exam	
1	Entrepreneurial Practice	15	7-point scale	Internal	
	Agile Business Navigation	5	Pass/Fail	Internal	
	Design Based Innovation	5	7-point scale	Internal	
	Understanding Entrepreneurship	5	7-point scale	Internal	
2	Entrepreneurial Tactics	15	7-point scale	External	
	Corporate Entrepreneurship	5	7-point scale	Internal	
	Applied Business Modelling	5	7-point scale	Internal	
	Market, Resources and Entrepreneurship	5	7-point scale	Internal	
3	A	Entrepreneurial Strategy	30	7-point scale	Internal
	B	Traineeship ¹	30	7-point scale	Internal
	4 ²	Master's Thesis	30, 60	7-point scale	External

¹ The academic traineeship has to be approved by the study board before the beginning of the Semester.

² The master thesis can be conducted as a long master thesis using both the 3rd and 4th Semester. If choosing to do a long master thesis, it has to include experimental work and has to be approved by the study board.

3.2 Entrepreneurial Engineering, 1st Semester

3.2.0 Problem Based Learning and Project Management

Title: Problem Based Learning and Project Management (Problembaseret læring og projektledelse)
Objectives: The objective is to make newly started Master students coming from institutions other than AAU prepared to enter the problem based learning environment at AAU and manage study projects in close collaboration with peers.
Type of instruction: Three half day workshops centered around the individual student working with an individual challenge or curiosity in relation to using a PBL approach. Peer learning is also a hallmark, since the students will discuss and reflect their individual challenges/curiosities in a peer learning group.
Learning outcomes: After completion of the course the student should be able to <u>Day 1:</u> <ul style="list-style-type: none">- describe and discuss the Aalborg PBL model based on the three key words: group work, project work, problem orientation- identify an initial individual challenge when using a PBL approach <u>Day2:</u> <ul style="list-style-type: none">- develop and practice peer feedback skills- practice collaborative learning in a group- design a plan of action to deal with an initial individual PBL challenge or curiosity <u>Day 3:</u> <ul style="list-style-type: none">- practice presentation skills- practice critical skills when giving feedback to peers- reflect on own and peer skills in relation to PBL practice
Exam format: Internal assessment during the course/class participation according to the rules in the Examination Policies and Procedures of Faculty of Engineering and Science, Aalborg University. In this

case the assessment is primarily based on the oral performance during the course, which means that the student has to be active during the course time and participate in discussions. The course is an integrated part of the project for those not [acquainted to the Aalborg PBL model](#), and is a precondition for participation in the project examination. In this way there will be no diploma for the course and it will not be visible on the academic transcripts.

Evaluation criteria: The criteria for the evaluation are specified in the Joint Programme Regulations.

3.2.1 Entrepreneurial Practice

Title	Entrepreneurial Practice/Praktisk entreprenørskab
Credits	15 ECTS
Prerequisites	The module adds to the knowledge obtained in 1 st Semester.
Objective	<p>Knowledge:</p> <p>The student must be able to:</p> <ul style="list-style-type: none"> • Describe and understand general capabilities needed for organisations to become and stay innovative in their business development. • Describe and understand general abilities and conditions needed for people to become and stay entrepreneurial. • Describe and understand tools and methods for supporting entrepreneurial processes with an emphasis on discovery processes. • Describe and understand theories of creative methodologies and creative mind-set (dedicated resources will be allocated for the initiation and sustaining of the objective). <p>Skills:</p> <p>The student must be able to:</p> <ul style="list-style-type: none"> • Identify and analyse a need or problem using various theoretical perspectives related to a business development process. • Use creative theory and methods in discovery processes. • Be able to assess and analyse the entrepreneurial/innovation capabilities of the unit of analysis in focus. • The student must be able to identify possible conceptual solutions or development directions for solutions by using theory and creative skills. <p>Competences:</p> <p>The student must be able to:</p> <ul style="list-style-type: none"> • Approach an empirical field and identify a problem or need related to innovative and/or entrepreneurial processes and theories thereof, with an emphasis on discovery. • Contribute to the development of a conceptual solution by relating innovation and/or entrepreneurship theories with empirical insight. • Critically evaluate analysis and solutions. • Situational application/facilitation of creative skills (dedicated resources will be allocated to the initiation and sustaining of the objective).
Type of instruction	The module is carried out as group-based, problem-oriented project work. The group work is carried out as an independent work process in which the students themselves organise and coordinate their workload in collaboration with a supervisor. The project is carried out in groups with normally no more than 6 members.
Exam format	The learning outcome is measured individually during oral group examination. Internal examination, individual grading by 7-point grading scale.
Evaluation criteria	As stated in the Joint Programme Regulations.

3.2.2 Agile Business Navigation

Title	Agile Business Navigation/Agile forretningsudviklingsmetoder
Credits	5 ECTS
Objective	<p>Knowledge:</p> <ul style="list-style-type: none"> • The student will be able to understand the different positions within agile methods. • The student will be able to understand the underlying methodology behind innovative agile business processes. • The student will be able to navigate between agile methods related to different practical business constrains. • The student will be able to understand human and own preferences in order to understand group dynamic within an innovative, agile team. <p>Skills:</p> <ul style="list-style-type: none"> • The student will be able to navigate with agile methods related to different business cases and related to problem areas in an organization context. • The student will be able to navigate through innovative agile processes using methods to sustain high innovation capacity through a project cycle from idea to finalizing. • The student will be able to navigate in a multidisciplinary business environment with different business drivers in order to bring most value to an innovative project cycle. • The student will be able to set, supply and navigate an interdisciplinary team though an innovative project cycle including the facilitation of agile processes. <p>Competences:</p> <ul style="list-style-type: none"> • Reflect on the innovative, agile processes in relation to relevant agile methods. • The student will enhance his or her personal level of innovative businesses navigation.
Type of instruction	The module is carried out as group-based, problem-oriented project work. The group work is carried out as an independent work process in which the students themselves organise and coordinate their workload in collaboration with a supervisor. The project is carried out in groups with normally no more than 6 members
Exam format	Internal individual examination.
Evaluation criteria	As stated in the Joint Programme Regulations.

3.3.2 Design Based Innovation

Title	Design Based Innovation/Designbaseret innovation
Credits	5 ECTS
Objective	<p>Knowledge:</p> <p>The students</p> <ul style="list-style-type: none"> • Must understand the prototyping process and the strengths and weaknesses of fast prototyping. • Must understand the concept of problem framing and reframing through a rapid and iterative prototyping process for developing a product/service business concept.. • Must understand the process of user-driven innovation used in a prototyping process. <p>Skills:</p> <p>The students</p> <ul style="list-style-type: none"> • Must be able to use observation, interviews and other research methods to collect data on user/customer behaviour. • Must be able to transform data on user/customer behavior into specifications and demands and subsequently use this as basis for problem framing and a prototyping process. • Must be able to apply prototyping tools to problem solving, product-, service and business development. • Must be able to work through and document a process of design-driven innovation. • Must be able to frame specific problem-areas and/or opportunities. <p>Competences:</p> <p>The students</p> <ul style="list-style-type: none"> • Must be able to plan and execute a prototyping process that to a large extent involves users, customers and other stakeholders. • Must be able to navigate through and facilitate an open-ended process. • Must be able to reflect on the process and outcome of the prototyping process within a business development context.
Type of instruction	The course consists of a range of highly interactive, student and faculty driven workshops, which constitute a mixture of lectures, discussions, exercises and case work (see chapter 3).
Exam format	The learning outcome is measured by individual internal examination, grading by 7-point grading scale.
Evaluation criteria	As stated in the Joint Programme Regulations.

3.2.3 Understanding Entrepreneurship

Title	Understanding Entrepreneurship/Entreprenørskabsforståelse
Credits	5 ECTS
Objective	<p>Knowledge:</p> <ul style="list-style-type: none">• The students will acquire an understanding of entrepreneurship concepts and theories, methods and tools.• The student must understand theories of the entrepreneurial role at a personal, organisational as well as societal level. <p>Skills:</p> <ul style="list-style-type: none">• The student must be able to analyse entrepreneurial problems by using relevant theory, methods and tools• The students must be able to use theory in analysing entrepreneurial challenges at the personal and organisational level. <p>Competences:</p> <ul style="list-style-type: none">• The student must be able to select and use various relevant theoretical perspectives, methods and tools in relation to the planning and engaging in entrepreneurial business development processes.
Type of instruction	The module is carried out via lectures, discussions and case work
Exam format	The learning outcome is measured by internal examination with individual grading by 7-point grading scale.
Evaluation criteria	As stated in the Joint Programme Regulations.

3.3 Entrepreneurial Engineering, 2nd Semester

3.3.1 Entrepreneurial Tactics

Title	Entrepreneurial Tactics/Taktisk entreprenørskab
Credits	15 ECTS
Prerequisites	1. Semester courses and project (or equivalent)
Objective	<p>Knowledge:</p> <p>The student must be able to:</p> <ul style="list-style-type: none"> • Describe and understand processes, methods, tools, and associated resources needed for people and companies to become and stay innovative, with an emphasis on incubation processes. • Describe and understand specific tools and methods for supporting entrepreneurial processes. • Describe and understand advanced theories of creative methodologies and creative mind-set. <p>Skills:</p> <ul style="list-style-type: none"> • The student must be able to use sound research methods to identify and analyse a need or problem using various theoretical perspectives related to a business development processes with an emphasis on incubation processes. • The student must be able to experiment with possible conceptual solutions or development in order to develop new business or to leverage the innovation capability directions by using practice insights, theory and creative skills. • The student must be able to facilitate creative processes (dedicated resources will be allocated to the initiation and sustaining of the objective) and excel in communication. <p>Competences:</p> <ul style="list-style-type: none"> • The student must be able to approach an empirical field using scientifically sound methods and informed by theory experiment with conceptual solutions in relation to market/users, technology, organisation, and resources. • Contribute to creative further development of a conceptual solution by combining innovation and/or entrepreneurship theories with empirical insight. • Critically evaluate own analysis and solutions. • Situational application/facilitation of creative skills (dedicated resources will be allocated to the initiation and sustaining of the objective).
Type of instruction	The module is carried out as group-based, problem-oriented project work. The group work is carried out as an independent work process in which the students themselves organise and coordinate their workload in collaboration with a supervisor. The project is carried out in groups with normally no more than 6 members.

Exam format	The learning outcome is measured individually during oral group examination. External examination, grading by 7-point grading scale.
Evaluation criteria	As stated in the Joint Programme Regulations.

3.2.3 Corporate Entrepreneurship

Title	Corporate Entrepreneurship/Innovationsledelse og forretningsudvikling
Credits	5 ECTS
Objective	<p>Knowledge:</p> <p>The student must be able to:</p> <ul style="list-style-type: none"> • Gain theoretical insight into high impact innovation concepts such as corporate entrepreneurship, disruptive innovation, breakthrough/radical innovation/innovation. • Understand the role and impact of corporate entrepreneurship/(radical) innovation in organisations. • Understanding high-impact innovation processes and how to organize them in and around companies <p>Skills:</p> <ul style="list-style-type: none"> • Be able to identify and analyse challenges of corporate entrepreneurship/innovation in organizations. • Be able to choose and use relevant theories, methods, and tools. <p>Competences:</p> <ul style="list-style-type: none"> • Be able to audit, evaluate and contribute to design of the innovative capabilities of an established organisation. • Be able to better navigate in contexts of corporate entrepreneurship/(radical) innovation given the complexity, politics and emergent nature of the processes. • Ability to develop conceptual solutions to the challenges faced by established organisations when attempting to organise corporate entrepreneurship/(radical) innovation.
Type of instruction	The module is carried out via lectures, discussions and case work.
Exam format	The learning outcome is measured by internal examination with individual grading by 7-point grading scale.
Evaluation criteria	As stated in the Joint Programme Regulations.

3.3.3 Applied Business Modeling

Title	Applied Business Modelling/Anvendt forretningsmodellering
Credits	5 ECTS
Objective	<p>Knowledge:</p> <ul style="list-style-type: none"> • The student will be able to understand the different elements of the business model as well as the internal connections between the elements of the model. • The student will be able to distinguish between different business models archetypes and how their design features differ. <p>Skills:</p> <ul style="list-style-type: none"> • The student will be able to develop the most suitable business model for a new business based on data collected through desk- and field research. • The student will be able to distinguish between different archetypes of business models and describe the implications of adopting a new business model within an existing business. • The student will be able to use the business model as a strategic tool of communication within new business creation. • The student will be able to unfold different scenarios through business model prototyping. <p>Competences:</p> <ul style="list-style-type: none"> • The student will be able to analyse and develop new business with both an external and internal perspective through a business modeling approach.
Type of instruction	The learning objectives are realised via lectures, discussions and case work
Exam format	The learning outcome is measured by individual internal examination, grading by 7-point grading scale.
Evaluation criteria	As stated in the Joint Programme Regulations.

3.3.4 Market, Resources and Entrepreneurship

Title	Markets, Resources and Entrepreneurship/Marked, ressourcer og entreprenørskab
Credits	5 ECTS
Prerequisites	
Objective	<p>Knowledge:</p> <ul style="list-style-type: none"> • The student will understand theories of market analysis and market development strategies and implementation of strategies. • The student will understand and distinguish between the different types of financing, including: lending based, equity based and cash-flow based. <p>Skills:</p> <ul style="list-style-type: none"> • The student will learn aspect of how to identify and analyse markets and how to make strategies for approaching the market. • The student will learn how to address financing issues of the business from a resource standpoint. • The students will learn to identify the most suitable form of financing and resource acquirement for a specific business. <p>Competences:</p> <ul style="list-style-type: none"> • The student will be able to use methods of identifying a market, and develop a market strategy, and to implementing the strategy. • The student will be able to identify the needs of the new business and approach potential stakeholders and key persons in order to acquire the resources to meet the needs. • The student will be able to operate under the restraints of limited resources and optimize the usage of those resources.
Type of instruction	The learning objectives are realised via lectures, discussions and case work
Exam format	The learning outcome is measured by individual internal examination, grading by 7-point grading scale.
Evaluation criteria	As stated in the Joint Programme Regulations.

3.4 Entrepreneurial Engineering, 3rd Semester

3.4.1 Entrepreneurial Strategy

Title	Entrepreneurial Strategy/ Entreprenørskab i strategisk kontekst
Credits	30 ECTS
Prerequisites	The module adds to the knowledge obtained in 1 st – 2 nd Semester.
Objective	<p>Knowledge:</p> <ul style="list-style-type: none"> • Have gained knowledge and understanding of implementation/realisation aspects of entrepreneurship/new business innovation in the broader organisational context (including the impact on realised strategy). <p>Skills:</p> <ul style="list-style-type: none"> • Be able to describe the problem solved and the criteria applied for its solution. • Be able to analyse an organizational context, innovative capabilities and potential. • Be able to evaluate the concepts, theories and methodologies applied to the solution of the problem. • Be able to assess the limitations of the concepts, theories and methodologies applied in the solution of the problem. • Be able to train creativity skills and excel in communication. <p>Competences:</p> <ul style="list-style-type: none"> • Be able to navigate and interact in an organizational context in the business development process (emphasis on implementation) through relevant choices of methods and use of theories. • Be able to account for the choices made during the solution of the problem, and to substantiate that these are made at a professional level. • Situational advanced application/facilitation of creative processes.
Teaching method	<ul style="list-style-type: none"> • The Semester is carried out as a project at Aalborg University; the work is carried out as an independent work process in which the students themselves organise and coordinate their workload in collaboration with a supervisor. The project may be carried out individually or in teams. This format is used in case of a start-up project. The project may be finalized with a project report or in the form of a scientific paper.
Exam format	Oral examination based on a written report. The report may be submitted in the form of either a project report or a scientific paper with supporting appendices.
Grading	Individual grading using the 7-point-scale.
Evaluation criteria	As stated in the Joint Programme Regulations.

3.4.2 Traineeship

Title	Traineeship/Projektorienteret forløb i en virksomhed.
Credits	30 ECTS
Prerequisites	The module adds to the knowledge obtained in 1 st – 2 nd Semester.
Objective	<p>Knowledge:</p> <ul style="list-style-type: none"> • Have gained knowledge and understanding of implementation/realisation aspects of entrepreneurship/new business innovation in the broader organisational context (including the impact on realised strategy). <p>Skills:</p> <ul style="list-style-type: none"> • Be able to describe the problem solved and the criteria applied for its solution. • Be able to analyse an organizational context, innovative capabilities and potential. • Be able to evaluate the concepts, theories and methodologies applied to the solution of the problem. • Be able to assess the limitations of the concepts, theories and methodologies applied in the solution of the problem. • Be able to train creativity skills and excel in communication. <p>Competences:</p> <ul style="list-style-type: none"> • Be able to navigate and interact in an organizational context in the business development process (emphasis on implementation) through relevant choices of methods and use of theories. • Be able to account for the choices made during the solution of the problem, and to substantiate that these are made at a professional level. • Situational advanced application/facilitation of creative processes.
Teaching method	<ul style="list-style-type: none"> • the Semester is carried out as a voluntary traineeship (internship) at a company/organisation in Denmark or abroad, the student is included in the organisation's daily work of relevance to the Semester objectives. Concurrently as part of the internship, the student makes a report, which is evaluated after ending the internship. The student has a university supervisor and a contact person in the organization in which the internship takes place.
Exam format	Oral examination based on a written report.
Grading	Individual grading using the 7-point scale.
Evaluation criteria	As stated in the Joint Programme Regulations.

3.5 Entrepreneurial Engineering, 4th Semester

3.5.1 Master's Thesis

Title	Master's Thesis/Kandidatspeciale
Credits	30, 60 ECTS The master thesis can be conducted as a long master thesis using both the 3 rd and 4 th Semester. If choosing to do a long master thesis, it has to include experimental work and has to be approved by the study board. The amount of experimental work must reflect the allotted ECTS
Prerequisites	The module adds to the knowledge obtained in 1 st – 3 rd Semester.
Objective	<p>Knowledge:</p> <p>The student must be able to:</p> <ul style="list-style-type: none"> • Demonstrate overview and deep knowledge regarding the chosen subject of relevancy to innovation and/or entrepreneurship. <p>Skills:</p> <ul style="list-style-type: none"> • The student must be able to analyse a need or problem using various advanced theoretical perspectives related to the choice of specialization. • The student must be able to critically identify possible conceptual solutions or development directions using theory and to contribute to the implementation of such solutions. • Demonstrate good communication skills. <p>Competences:</p> <p>The student must be able to:</p> <ul style="list-style-type: none"> • Contribute to the development of a conceptual solution by synthesizing innovation and/or entrepreneurship theories with empirical insight. • Critically evaluate her/his own analysis and solutions. • Contribute to the continuous development or enrichment of theories of entrepreneurship and/or innovation.
Teaching method	In this module, the Master's Thesis is carried out. The module constitutes independent project work and concludes the programme. Within the approved topic, the Master's Thesis must document that the level of the programme has been attained.
Exam format	The learning outcome is measured individually during oral examination. External examination, grading by 7-point grading scale.
Evaluation criteria	As stated in the Joint Programme Regulations.

Chapter 4: Entry into Force, Interim Provisions and Revision

The curriculum is approved by the Dean of the Faculty of Engineering and Science and enters into force as of September 2017.

Students who wish to complete their studies under the previous curriculum from 2013 must conclude their education by the summer examination period 2018 at the latest, since examinations under the previous curriculum are not offered after this time.

In accordance with the Joint Programme Regulations for the Faculty of Engineering and Science at Aalborg University, the curriculum must be revised no later than five years after its entry into force.

Chapter 5: Other Provisions

5.1 Rules concerning written work, including the Master's thesis

In the assessment of all written work, regardless of the language it is written in, weight is also given to the student's spelling and formulation ability, in addition to the academic content. Orthographic and grammatical correctness as well as stylistic proficiency are taken as a basis for the evaluation of language performance. Language performance must always be included as an independent dimension of the total evaluation. However, no examination can be assessed as 'Pass' on the basis of good language performance alone; similarly, an examination normally cannot be assessed as 'Fail' on the basis of poor language performance alone.

The Board of Studies can grant exemption from this in special cases (e.g., dyslexia or a native language other than Danish).

The Master's thesis must include an English summary.³ If the project is written in English, the summary must be in Danish.⁴ The summary must be at least 1 page and not more than 2 pages. The summary is included in the evaluation of the project as a whole.

5.2 Rules concerning credit transfer (*merit*), including the possibility for choice of modules that are part of another programme at a university in Denmark or abroad

In the individual case, the Board of Studies can approve successfully completed (passed) programme elements from other Master's programmes in lieu of programme elements in this programme (credit transfer). The Board of Studies can also approve successfully completed (passed) programme elements from another Danish programme or a programme outside of Denmark at the same level in lieu of programme elements within this curriculum. Decisions on credit transfer are made by the Board of Studies based on an academic assessment. See the Joint Programme Regulations for the rules on credit transfer.

5.3 Rules for examinations

The rules for examinations are stated in the Examination Policies and Procedures published by The Technical Faculty of IT and Design, The Faculty of Engineering and Science, and the Faculty of Medicine on their website.

³ Or another foreign language (upon approval from the Board of Studies).

⁴ The Board of Studies can grant exemption from this.

5.4 Exemption

In exceptional circumstances, the Board of Studies study can grant exemption from those parts of the curriculum that are not stipulated by law or ministerial order. Exemption regarding an examination applies to the immediate examination.

5.5 Rules and requirements for the reading of texts

At programmes taught in Danish, it is assumed that the student can read academic texts in modern Danish, Norwegian, Swedish and English and use reference works, etc., in other European languages. At programmes taught in English, it is assumed that the student can read academic text and use reference works, etc., in English.

5.6 Additional information

The current version of the curriculum is published on the Board of Studies' website, including more detailed information about the programme, including exams.