AALBORG UNIVERSITET

CURRICULUM FOR THE MASTER'S PROGRAMME IN TECHNO-ANTHROPOLOGY - 2018 - COPENHAGEN

MASTER OF SCIENCE (MSC)
COPENHAGEN

Link to this studyline

Link(s) to other versions of the same line:

Curriculum for The Master’s Programme in Techno-Anthropology - 2012 - København
Curriculum for The Master’s Programme in Techno-Anthropology - 2016 - Copenhagen

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§ 1: PREFACE

Pursuant to Act 261 of March 18, 2015 on Universities (the University Act) with subsequent changes, the following curriculum is established. The programme also follows the Joint Programme Regulations and the Examination Policies and Procedures for The Faculty.

§ 2: BASIS IN MINISTERIAL ORDERS

The Master's programme is organised in accordance with the Ministry of Higher Education and Science's Order no. 1328 of November 15, 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. 111 of January 30, 2017 (the Admission Order) and Ministerial Order no. 114 of February 3, 2015 (the Grading Scale Order) with subsequent changes.

§ 3: CAMPUS

The programme is offered in Copenhagen.

§ 4: FACULTY AFFILIATION

The Master's programme falls under The Technical Faculty of IT and Design, Aalborg University.

§ 5: STUDY BOARD AFFILIATION

The Master's programme falls under Study Board of Techno-Anthropology and Sustainable Design

§ 6: AFFILIATION TO CORPS OF EXTERNAL EXAMINERS

The Master's programme is associated with the external examiners corps on Nationwide engineering examiners/Mathematics, Physics and Social Studies (Basic Courses) and secondarily the Danish National Anthropological Examiner Corps.

§ 7: ADMISSION REQUIREMENTS

Applicants with a legal right of admission (retskrav)

- Bachelor of Science (BSc) in Techno-Anthropology (CPH), Aalborg University

Applicants without legal right of admission

- Bachelor of Science (BSc) in Teknoantropologi (AAL), AAU
- Bachelor of Science (BSc) in Arkitektur og Design, AAU
- Bachelor of Science (BSc) in Art and Technology, AAU
- Bachelor of Science (BSc) in Bioteknologi, AAU
- Bachelor of Science (BSc) in By-, Energi- og Miljøplanlægning, AAU
- Bachelor of Science (BSc) in Bygge- og Anlægskonstruktion, AAU
- Bachelor of Science (BSc) in Byggeri og Anlæg med specialisering i Bygge- og Anlægskonstruktion, AAU
- Bachelor of Science (BSc) in Byggeri og Anlæg med specialisering i Indeklima og Energi, AAU
- Bachelor of Science (BSc) in Byggeri og Anlæg med specialisering i Vand og Miljø. AAU
- Bachelor of Science (BSc) in Byggeri og Anlæg med specialisering i Veje og Trafik. AAU
- Bachelor of Science (BSc) in Chemical Engineering and Biotechnology, AAU
- Bachelor of Science (BSc) in Datalogi, AAU

- Bachelor of Science (BSc) in Elektronik og IT, AAU
- Bachelor of Science (BSc) in Energi, AAU
- Bachelor of Science (BSc) in IT, Communication and New Media, AAU
- Bachelor of Science (BSc) in Internetteknologier og Computersystemer, AAU
- Bachelor of Science (BSc) in Kemiteknologi, AAU
- Bachelor of Science (BSc) in Kommunikation og Digitale Medier, AAU
- Bachelor of Science (BSc) in Maskin og Produktion, AAU
- Bachelor of Science (BSc) in Maskinkonstruktion, AAU
- Bachelor of Science (BSc) in Medialogy, AAU
- Bachelor of Science (BSc) in Miljøvidenskab, AAU
- Bachelor of Science (BSc) in Nanoteknologi, AAU
- Bachelor of Science (BSc) in Psykologi, AAU
- Bachelor of Science (BSc) in Robotics, AAU
- Bachelor of Science (BSc) in Sociologi, AAU
- Bachelor of Science (BSc) in Software, AAU
- Bachelor of Science (BSc) in Sundhedsteknologi, AAU
- Bachelor of Science (BSc) in Sustainable Biotechnology, AAU
- Bachelor of Engineering (B Eng) in Byggeri og Anlæg, AAU
- Bachelor of Engineering (B Eng) in Byggeri og Industri, AAU
- Bachelor of Engineering (B Eng) in Bæredygtig Energiteknik. AAU
- Bachelor of Engineering (B Eng) in Eksportteknologi, AAU
- Bachelor of Engineering (B Eng) in Kemi og Bioteknologi, AAU
- Bachelor of Engineering (B Eng) in Maskinteknik, AAU
- Bachelor of Engineering (B Eng) in Nanoteknologi, AAU
- Bachelor of Science (BSc) in Antropologi, AU
- Bachelor of Science (BSc) in Antropologi, KU
- Bachelor of Science (BSc) in Market and Management Anthropology, SDU
- Bachelor of Science (BSc) in Humanistisk Teknologi, RUC
- Bachelor of Science (BSc) in Naturvidenskab, RUC
- Bachelor in Bioanalytisk diagnostik, Metropolitan UC
- Bachelor in Bioanalytisk diagnostik, Absalon
- Bachelor in Bioanalytisk diagnostik, VIA UC
- Bachelor in Bioanalytisk diagnostik, UC Syddanmark
- Bachelor in Bioanalytisk diagnostik, Lillebælt UC

- Bachelor in Radiografi, Metropolitan UC
- Bachelor in Radiografi, UCN
- Bachelor in Radiografi, Lillebælt UC
- Bachelor in Sygepleje, Metropolitan UC
- Bachelor in Sygepleje, Metropolitan UCC
- Bachelor in Sygepleje, Absalon
- Bachelor in Sygepleje, Lillebælt UC
- Bachelor in Sygepleje, UC Syddanmark
- Bachelor in Sygepleje, VIA UC
- Bachelor in Sygepleje, UCN
- Bachelor in Ergoterapi, Metropolitan UC
- Bachelor in Ergoterapi, Absalon
- Bachelor in Ergoterapi, Lillebælt UC
- Bachelor in Ergoterapi, UC Syddanmark
- Bachelor in Ergoterapi, VIA UC
- Bachelor in Ergoterapi, UCN
- Bachelor in Fysioterapi, Metropolitan UC
- Bachelor in Fysioterapi, UCC
- Bachelor in Fysioterapi, Absalon
- Bachelor in Fysioterapi, Lillebælt UC
- Bachelor in Fysioterapi, UC Syddanmark
- Bachelor in Fysioterapi, VIA UC
- Bachelor in Fysioterapi, UCN
- Bachelor in Jordemoderkundskab, Metropolitan UC
- Bachelor in Jordemoderkundskab, UC Syddanmark
- Bachelor in Jordemoderkundskab, UCN

§ 8: THE PROGRAMME TITLE IN DANISH AND ENGLISH

The Master's programme entitles the graduate to the Danish designation Cand.scient. i teknoantropologi. The English designation is: Master of Science (MSc) in Techno-Anthropology.

§ 9: PROGRAMME SPECIFICATIONS IN ECTS CREDITS

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

§ 10: 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

The Study Board can approve successfully completed (passed) programme elements from other Master's programmes in lieu of programme elements in this programme (credit transfer). The Study Board 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 Study Board based on an academic assessment. See the Joint Programme Regulations for the rules on credit transfer.

§ 11: EXEMPTIONS

In exceptional circumstances, the Study Board 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.

§ 12: RULES FOR EXAMINATIONS

The rules for examinations are stated in the Examination Policies and Procedures published by the faculty on their website.

§ 13: 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 formulation and spelling 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 Study Board 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 (or another foreign language: French, Spanish or German upon approval by the Study Board). If the project is written in English, the summary must be in Danish (The Study Board can grant exemption from this). The summary must be at least 1 page and not more than 2 pages (this is not included in any fixed minimum and maximum number of pages per student). The summary is included in the evaluation of the project as a whole.

§ 14: REQUIREMENTS REGARDING THE READING OF TEXTS IN A FOREIGN LANGUAGE

It is assumed that the student can read academic texts in his or her native language as well as in English and use reference works etc. in other European languages.

§ 15: COMPETENCE PROFILE ON THE DIPLOMA

The following competence profile will appear on the diploma:

A Candidatus graduate has the following competency profile:

A Candidatus graduate has competencies that have been acquired via a course of study that has taken place in a research environment.

A Candidatus graduate is qualified for employment on the labour market based on his or her academic discipline as well as for further research (PhD programmes). A Candidatus graduate has, compared to a Bachelor, developed his or her academic knowledge and independence so as to be able to apply scientific theory and method on an independent basis within both an academic and a professional context.

§ 16: COMPETENCE PROFILE OF THE PROGRAMME

The graduate of the Master's programme can:

Knowledge

- Explain and compare a broad selection of socio-technical theories, that, in selected areas, is based on the highest international research

- Explain and critically reflect on a broad selection of qualitative, interactional, interventional and ethnographic methods of relevance to science, technology and innovation that in selected areas is based on the highest international qualitative research
- Identify and critically evaluate key processes of scientific and technological development, including research strategies, development principles, institutional conditions, industrial dynamics, political regulation and knowledge controversies.
- Identify, explain and compare different perspectives on exemplary technology cases from different technological domains.
- Paraphrase and critically evaluate professional literature used in different technological domains.

Skills

- Develop new analyses and assessments of social, societal and ethical conditions, challenges and implications of complex technologies.
- Contribute through research-based advice on the management of social, societal and ethical conditions, challenges and implications of complex technologies.
- Engage in dialogue on professional, disciplinary and interdisciplinary topics with stakeholders, and representatives of different professions and disciplines within selected technological domains.
- Apply a broad selection of interactive, interventional, experimental and ethnographic methods

Competencies

- Participate in initiation, mediation and facilitation of interdisciplinary team-based innovational processes.
- Participate in the management of complex work and processes related to the development of robust technological solutions that are professional and socially responsible
- Support the transformation of technological opportunities into socially responsible products and systems that require new solutions
- Take responsibility for own professional development and specialization.

§ 17: STRUCTURE AND CONTENTS 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, which aims 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. Examinations are defined in the curriculum.

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

- lectures
- classroom instruction
- exercises (individually and in groups)
- case analysis
- project work
- teacher and supervisor feedback
- seminars and workshops
- reflection

§ 18: OVERVIEW OF THE 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).

Offered as: 1-professional

Study programme: Techno-anthropology					
Module name	Course type	ECTS	Applied grading scale	Evaluation method	Assessment method
1 SEMESTER					
Interdisciplinary Knowledge Production: Analysis and Dissemination of BSc Knowledge Production and Technology in Practice	Project	5	Passed/Not Passed	Internal examination	Active participation and/or written assignment
Technology in Practice	Project	10	7-point grading scale	Internal examination	Oral exam based on a project
Techno-Anthropological Problems and Theories	Course	10	7-point grading scale	Internal examination	Oral exam
Electives 1. sem	Course	5			
2 SEMESTER					
Technological Innovation and Design	Project	15	7-point grading scale	External examination	Oral exam based on a project
Facilitation of Design Processes and Technological Innovation	Course	10	Passed/Not Passed	Internal examination	Active participation and/or written assignment
Mapping Controversies	Course	5	7-point grading scale	Internal examination	Oral exam
3 SEMESTER					
Electives 3. sem	Project	25			
Reflexive Project Design	Course	5	Passed/Not Passed	Internal examination	Active participation and/or written assignment
4 SEMESTER					
Master's Thesis	Project	30	7-point grading scale	External examination	Oral exam based on a project

On the 1st semester students who have used ethnographic methods in at least two semesters on their Bachelor's degree are required to follow and pass 1B Ecological Economics or 1C Emerging and Cutting Edge Science and Technology. All other students must enroll and pass 1A Ethnographic Methods.

*1B Ecological Economy is offered if 20 students enroll in the module

**1C Emerging and Cutting Edge Science and Technology is possibly offered as a module that links students and lecturers from the Copenhagen and Aalborg campuses via video-conference

On the 3rd semester the student can choose between three different project modules: 3A Development Project: Action Research, 3B Inquiry Project: Ethnographic Fieldwork and 3C Academic Internship.

Electives 1. sem					
Module name	Course type	ECTS	Applied grading scale	Evaluation Method	Assessment method

Ethnographic Methods	Course	5	7-point grading scale	Internal examination	Oral exam
Ecological Economics	Course	5	7-point grading scale	Internal examination	Oral exam
Emerging and Cutting Edge Science and Technology	Course	5	7-point grading scale	Internal examination	Oral exam

Electives 3. sem					
Module name	Course type	ECTS	Applied grading scale	Evaluation Method	Assessment method
Development Project: Action Research	Project	25	7-point grading scale	Internal examination	Oral exam based on a project
Inquiry Project: Ethnographic Fieldwork	Project	25	7-point grading scale	External examination	Oral exam based on a project
Academic Internship	Project	25	7-point grading scale	Internal examination	Oral exam based on a project

§ 19: ADDITIONAL INFORMATION

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

§ 20: COMMENCEMENT AND TRANSITIONAL RULES

The curriculum is approved by the Dean and enters into force as of September 2018.

Students who wish to complete their studies under the previous curriculum from 2016 must conclude their education by the summer examination period September 2019 at the latest, since examinations under the previous curriculum are not offered after this time.

§ 21: AMENDMENTS TO THE CURRICULUM AND REGULATIONS

Minor editorial changes have been made in connection with the digitalisation of the curriculum.