



Semester Description of Study Programme at Aalborg University

Semester description for 4th semester, Master in Sports Technology, spring 2021

Semester details

The Department of Health Science and Technology

Study board for Sport Science and Public Health

[Curriculum for the Master's programme in Sports Technology](#)

Semester framework theme

The fourth semester is the last semester of this education where you will write a Master thesis. The Master thesis is the last element of the scientific education, with the aim to integrate and/or deepen previously acquired skills and to display the ability to perform scientific work.

Semester organisation and time schedule

The only activity for you is your project work, which should be considered as a full time job. Different project proposals will be posted on Moodle. One status seminar will be organized, where the main goal is to present each other the different projects with the possibility to give each other feedback. Please see [the study board's policy for status seminar](#).

For all the latest information you are expected to follow Moodle and read your AAU e-mail on a daily basis.

The supervisors for the semester will primarily come from the department of Health Science and Technology (HST) and the department of Materials and Production (MP).

Please see [the study board's policy for forming groups](#).

Semester coordinator and secretariat assistance

Semester coordinator: Mark de Zee, mdz@hst.aau.dk, Department of Health, Science and Technology

Semester secretary: Susanne Kragelund Hansen, skha@hst.aau.dk, Department of Health, Science and Technology

Student representative: Please check semester details on Moodle.

Module description

Module title, ECTS credits (and possibly STADS code)

Master Thesis / Kandidatspeciale
30 ECTS

Location

Master, Sports Technology, 4th semester
Study board for Sport Science and Public Health

Module coordinator

Mark de Zee, mdz@hst.aau.dk, Department of Health Science and Technology, together with the supervisors of each group.

Type and language

Project module. In general, the project report is usually written in English.

Objectives

From Curriculum:

The Master Thesis is the last element of the scientific education, and thereby an opportunity to integrate and to deepen previously acquired skills and to display the ability to perform scientific work.

Students who complete the module:

Viden

- Har viden om instrumentering og fysisk præstationsevne samt om samspillet mellem idrætsudøveren og udstyret på grundlag af førende international forskning
- Er i stand til at reflektere over sin viden på et videnskabeligt grundlag

Færdigheder

- Kan kritisk anvende videnskabelige metoder og forskningsværktøjer på det valgte vidensområde
- Kan vurdere og udvælge videnskabelige teorier og metoder og identificere videnskabelige problemstillinger på det valgte vidensområde
- Kan på skrift og i tale formidle problemstillinger, metoder og resultater inden for det videnskabelige område

Kompetencer

- Kan udvælge teknologier, optage, analysere og kritisk vurdere faktiske og/eller simulerede resultater i relation til fysisk præstationsevne
- Kan selvstændigt initiere og gennemføre samarbejder på området såvel som interdisciplinært, samt tage fagrelevant ansvar
- Kan tage selvstændigt ansvar for egen faglige udvikling og specialisering

Academic content and conjunction with other modules/semesters

This project is the last project you will make in this education. The Master thesis is the last element of your scientific education, with the aim to integrate and/or deepen previously acquired skills and to display the ability to perform scientific work.

Scope and expected performance

The semester represents 30 ECTS.

Students are expected to spend roughly 900 hours in this semester on the project work, which includes preparation for and participation in status seminar, preparation for the examination and the examination itself. It is the responsibility of the student and/or group in cooperation with the supervisor to divide its time over the different phases in the project like for example literature search, study design, data collection, data analysis, interpretation of the results and writing.

Participants

4th semester master Sports Science Technology.

Prerequisites for participation

Knowledge, skills and competences corresponding to 1st, 2nd and 3rd semester of the Master's programme in Sports Technology.

Module activities

It is recommended to submit your Master thesis as a journal paper formatted according to the current criteria for scientific publications within natural sciences in order to disseminate the central aspects of the project work, together with supplementary materiel that support and elaborate important elements reported in the journal paper. This is not a requirement but a recommendation based on previous good experiences and in order to accommodate the learning objective, to apply scientific methods and tools to research within the chosen area of knowledge.

Please also see [the study board's definition of a project report](#) (in Danish).

Registration and approval of final thesis – info on Moodle.

Status seminar - <https://www.hst.aau.dk/uddannelser/Regler+og+formularer/statusseminar/>.

Examination

Project exams are held according to [Vejledning for projektexamen på SUND](#) as to the form. The content is based on the learning objectives from the curriculum and the interpretation of those in the semester description.

Further information including exam dates is available at the exam web page:
<https://www.hst.aau.dk/uddannelser/Undervisning+og+eksamen/>.