

Master's Thesis

(Kandidatspeciale)

Workload: 30 ECTS

Semester: 4th semester

Prerequisites:

All previous semesters (projects and course-modules) must have been passed (1st to 3rd semester)

Objectives:

To document that the student, independently or in a small group, is capable of planning and completing a major research project in the chosen specialization. The final thesis must document the student's ability to apply scientific theories and methods, critically analyze existing work, and synthesize new knowledge.

Students who complete the module will gain knowledge, skills and competences as follows:

Knowledge:

- Must have knowledge and **understanding** in one or more subject areas that are representative of the state of the art in the research community of sound and music computing.
- Can understand and, on a scientific basis, **apply** an area of sound and music computing and identify scientific problems.

Skills:

- **Synthesize** scientific methods and tools and general skills related to sound and music computing.
- Can **evaluate** and select among scientific theories, methods, tools and general skills and, on a scientific basis, advance new analyzes and solutions in sound and music computing.
- Can **synthesize** research-based knowledge and discuss professional and scientific problems with both peers and non-specialists.

Competencies:

- Can **synthesize** work and development situations that are complex, unpredictable and require new solutions.
- Can **apply** acquired knowledge to independently initiate and implement discipline-specific and interdisciplinary cooperation and assume professional responsibility
- Can independently **synthesize** and take responsibility for own professional development and specialisation

Type of instruction: Academically supervised student-governed problem oriented project work.

The project is carried out individually or in small groups of a maximum of three students. At least one internal supervisor is assigned, who deals with the primary area of the project in his or her research.

Exam format: In accordance with the current Framework Provisions and directions on examination from the Study Board for Media Technology:

Oral examination with external censor based on a written project report and a media-technological product plus an A/V-production illustrating and summarizing the project. The assessment is performed in accordance with the 7-point grading scale.

Evaluation criteria: The criteria for the evaluation are specified in the Framework Provisions