



Semester description

General information about the semester

Semester: SMC9, 3rd semester, M.Sc. in Sound and Music Computing

Department: [Architecture, Design and Media Technology](#)

Study Board: [Media Technology](#)

Period: 1 September 2022 — 31 January 2023

Study plan: <https://studieordninger.aau.dk/2022/35/3175>

Semester theme description

Title: Sound and Music Innovation

The focus of the semester is sound and music innovation. The goal of the semester project is for the students to develop and evaluate a novel system that uses concepts and technologies in sound and music computing with a focus on exploring

- 1) its commercial aspects, and/or
- 2) its socio-cultural implications, and/or
- 3) its use in generating scientific knowledge

It builds on the mandatory courses from the two previous semesters of the M.Sc. program.

Semester organization

The semester is comprised of a 15 ECTS group based project module and three 5 ECTS course modules (two of which are electives).

It should be stressed that AAU expects each student to spend 30 hours of study per ECTS credit, amounting to 900 hours per semester. This gives a load of about 45 hours per week.

A range of project proposals will be presented at the semester start as a foundation for group forming and choice of project. Groups can also develop their own project proposals in collaboration with an appointed supervisor. These require the approval of the supervisor. In accordance with the semester theme, the projects can focus on innovation, i.e., market analysis and product development, and can be carried out with industrial partners. However, the projects can also be of a more scientific nature and focus on generation of scientific knowledge.

There is one mandatory course, namely Research in Sound and Music Computing, which is organized as a supervised study circle, where research papers on various topics within sound and music computing will be studied and discussed. These papers will be chosen so that they naturally support the project work.

The students can choose between a number of different elective courses (two must be chosen): prototyping and fabrication techniques, multimodal perception and cognition, and applied experimental psychology and psychophysics. These should be chosen in accordance with the choice of emphasis in the semester project (commercial, social, or scientific).

Aside from following the semester at Aalborg University as described above, the student has two other opportunities:

- Study abroad (more info can be found here: <http://www.internationaloffice.aau.dk/study-abroad/>)
- Go into an internship in industry or public institutions to acquire useful experience and knowledge in the field (more info can be found here: [Project oriented study in an external organization](#))

Semester coordinator and secretary

[Stefania Serafin](#) (coordinator), [Judi Stærk Poulsen](#) (secretary)