

<p>Title: Research in Sound and Music Computing (Studier i lyd og musik)</p>
<p>Size: 5 ECTS</p>
<p>Prerequisites: 2nd semester</p>
<p>Objectives: The goal of this course is to perform advanced work in one specific area of sound and music computing, building upon the foundations gained in the 7th and 8th semester. Students explore state of the art theories and techniques in a formalized manner by analyzing a selection of new research texts in a specific area of sound and music computing through, e.g., critical annotations, paper presentations, reproduction of experiments, etc. Possible areas of research are music information retrieval, music perception and cognition, sonic interaction design, sound and music signal analysis and synthesis and new interfaces for musical expression.</p> <p>Students who complete the module will gain knowledge, skills and competences as follows:</p> <p>Knowledge:</p> <ul style="list-style-type: none"> • Must be able to understand theories and principles related to a specific area of sound and music computing. <p>Skills:</p> <ul style="list-style-type: none"> • Must be able to analyze research papers related to a specific area of sound and music computing • Must be able to apply concepts, tools, theories and technologies of sound and music computing to address a specific research problem <p>Competencies:</p> <ul style="list-style-type: none"> • Must be able to synthesize a specific topic in sound and music computing
<p>Type of instruction: Refer to the overview of instruction types listed in the start of chapter 3. The types of instruction for this course are decided in accordance with the current Framework Provisions and directions are decided and given by the Study Board for Media Technology.</p>
<p>Exam format: In accordance with the current Framework Provisions and directions on examination from the Study Board for Media Technology: Oral or written examination with internal censor. The assessment is performed in accordance with the 7-point grading scale.</p>
<p>Evaluation criteria: The criteria for the evaluation are specified in the Framework Provisions.</p>