



FJM3201 Interdisciplinary perspectives on rhythm 7.5 credits

Tvärvetenskapliga perspektiv på rytmen

This is a translation of the Swedish, legally binding, course syllabus.

Establishment

Course syllabus for FJM3201 valid from Autumn 2018

Grading scale

P, F

Education cycle

Third cycle

Specific prerequisites

The course can be taken by PhD students of all research disciplines.

Language of instruction

The language of instruction is specified in the course offering information in the course catalogue.

Intended learning outcomes

The goals of the course are:

- to gain relevant knowledge of the state-of-the-art in analysis of rhythm.

- to obtain a broad overview of research perspectives on rhythm from a number of research disciplines.
- to use the gained knowledge for identifying relevant research questions that may drive research in rhythm in interdisciplinary contexts.

Course contents

The course's main content will be a selection of research approaches to rhythm. The selection is done by the students together with the course coordinator, depending on the interests of the students. It will be based on a selection of book chapters from the course literature listed below, and on a selection of state-of-the-art publications from the selected research areas.

Disposition

The course consists of the following learning activities:

- Seminar sessions with group discussions.
- Project based learning.
- Research paper presentations.
- Home-work as preparation for the seminars, which consists of reading assigned papers and providing a short summary of these readings.

The course is worth 7.5hp and classified as advanced graduate course in the Mediated Communication doctoral program.

Course literature

Selection of scientific publications, depending on chosen seminars.

Selected chapters from the books:

- Michael H. Thaut. Rhythm, music, and the brain: scientific foundations and clinical applications. Routledge, 2008
- Justin London. Hearing in time. Oxford University Press, 2012
- Diana Deutsch. Psychology of Music. Academic Press, 2013

Equipment

None

Examination

- EXA1 - Examination assignment, 7.5 credits, grading scale: P, F

Based on recommendation from KTH's coordinator for disabilities, the examiner will decide how to adapt an examination for students with documented disability.

The examiner may apply another examination format when re-examining individual students.

If the course is discontinued, students may request to be examined during the following two academic years.

Examination includes a short research project that has to be documented in a written report and an oral presentation.

Other requirements for final grade

- 20 minute oral presentation during one seminar.
- 80% of seminar preparations (home work).
- 80% of participation in the seminars.
- Approved project report.

Ethical approach

- All members of a group are responsible for the group's work.
- In any assessment, every student shall honestly disclose any help received and sources used.
- In an oral assessment, every student shall be able to present and answer questions about the entire assignment and solution.