Music Psychology (A000184)

Course Specifications
Valid as from the academic year 2020-2021

Due to Covid 19, the education and evaluation methods may vary from the information displayed in the schedules and course details. Any changes will be communicated on Ufora.

Lecturers in academic year 2020-2021
Leman, Marc
LW17 lecturer-in-charge

Course offerings and teaching methods in academic year 2020-2021
A (semester 2) Dutch, English Gent
lecture 30.0 h
project 5.0 h
seminar 15.0 h

Offered in the following programmes in 2020-2021
Bachelor of Arts in Art History, Musicology and Theatre Studies
Exchange Programme Art Science
Preparatory Course Master of Arts in Art History, Musicology and Theatre Studies

Teaching languages
Dutch, English

Keywords
Music psychology, Action, Perception, Interaction

Position of the course
Music Psychology aims to provide students insight and skills into the foundations of music psychology and experimental work. Students should be able to clearly explain the theoretical foundations of music psychology and they have to show that the acquired skills concerning measurement methods can be related to the theoretical insights and to relevant research hypotheses.

Contents
The course contains a theoretical and a practical part. The theoretical part begins with situating the study field of “music psychology” in musicology, and with the introduction of basic concepts concerning action, perception and musical interaction. The course then goes deeper into recent scientific insights in predictive coding theory, in emotion theory and in expression. Predictive processes such as entrainment and alignment are then discussed in more detail. In the second part of the course, attention is devoted to the acquisition of experimental skills in ASIL (the art and science interaction lab of musicology at the Krook). The focus is on the study of music interaction (e.g. 2 musicians making music together), and on methods to measure and analyse this interaction.

The course is based on research results of music research, in which experiments are used for the study of musical communication and signification. Music is thereby studied starting from acustical structures, processes of human information processing, and the constraints of the cultural environment.

Initial competences
Students that aim at following this course should have followed Foundations of musical acoustics and sonology (A005289) and Foundations of musical action and perception (A005290) successfully. Erasmus students can negotiate with the professor.

Final competences
1 Demonstration that the skills concerning measurement methods can be related to theoretical concepts, to relevant research hypotheses and to ways of testing these hypotheses.

(Course size (nominal values; actual values may depend on programme)
Credits 5.0 Study time 150 h Contact hrs 50.0 h

Due to Covid 19, the education and evaluation methods may vary from the information displayed in the schedules and course details. Any changes will be communicated on Ufora.

Lecturers in academic year 2020-2021
Leman, Marc
LW17 lecturer-in-charge

Offered in the following programmes in 2020-2021
Bachelor of Arts in Art History, Musicology and Theatre Studies
Exchange Programme Art Science
Preparatory Course Master of Arts in Art History, Musicology and Theatre Studies

Teaching languages
Dutch, English

Keywords
Music psychology, Action, Perception, Interaction

Position of the course
Music Psychology aims to provide students insight and skills into the foundations of music psychology and experimental work. Students should be able to clearly explain the theoretical foundations of music psychology and they have to show that the acquired skills concerning measurement methods can be related to the theoretical insights and to relevant research hypotheses.

Contents
The course contains a theoretical and a practical part. The theoretical part begins with situating the study field of “music psychology” in musicology, and with the introduction of basic concepts concerning action, perception and musical interaction. The course then goes deeper into recent scientific insights in predictive coding theory, in emotion theory and in expression. Predictive processes such as entrainment and alignment are then discussed in more detail. In the second part of the course, attention is devoted to the acquisition of experimental skills in ASIL (the art and science interaction lab of musicology at the Krook). The focus is on the study of music interaction (e.g. 2 musicians making music together), and on methods to measure and analyse this interaction.

The course is based on research results of music research, in which experiments are used for the study of musical communication and signification. Music is thereby studied starting from acustical structures, processes of human information processing, and the constraints of the cultural environment.

Initial competences
Students that aim at following this course should have followed Foundations of musical acoustics and sonology (A005289) and Foundations of musical action and perception (A005290) successfully. Erasmus students can negotiate with the professor.

Final competences
1 Demonstration that the skills concerning measurement methods can be related to theoretical concepts, to relevant research hypotheses and to ways of testing these hypotheses.

(Course size (nominal values; actual values may depend on programme)
Credits 5.0 Study time 150 h Contact hrs 50.0 h

Due to Covid 19, the education and evaluation methods may vary from the information displayed in the schedules and course details. Any changes will be communicated on Ufora.

Lecturers in academic year 2020-2021
Leman, Marc
LW17 lecturer-in-charge

Offered in the following programmes in 2020-2021
Bachelor of Arts in Art History, Musicology and Theatre Studies
Exchange Programme Art Science
Preparatory Course Master of Arts in Art History, Musicology and Theatre Studies

Teaching languages
Dutch, English

Keywords
Music psychology, Action, Perception, Interaction

Position of the course
Music Psychology aims to provide students insight and skills into the foundations of music psychology and experimental work. Students should be able to clearly explain the theoretical foundations of music psychology and they have to show that the acquired skills concerning measurement methods can be related to the theoretical insights and to relevant research hypotheses.

Contents
The course contains a theoretical and a practical part. The theoretical part begins with situating the study field of “music psychology” in musicology, and with the introduction of basic concepts concerning action, perception and musical interaction. The course then goes deeper into recent scientific insights in predictive coding theory, in emotion theory and in expression. Predictive processes such as entrainment and alignment are then discussed in more detail. In the second part of the course, attention is devoted to the acquisition of experimental skills in ASIL (the art and science interaction lab of musicology at the Krook). The focus is on the study of music interaction (e.g. 2 musicians making music together), and on methods to measure and analyse this interaction.

The course is based on research results of music research, in which experiments are used for the study of musical communication and signification. Music is thereby studied starting from acustical structures, processes of human information processing, and the constraints of the cultural environment.

Initial competences
Students that aim at following this course should have followed Foundations of musical acoustics and sonology (A005289) and Foundations of musical action and perception (A005290) successfully. Erasmus students can negotiate with the professor.

Final competences
1 Demonstration that the skills concerning measurement methods can be related to theoretical concepts, to relevant research hypotheses and to ways of testing these hypotheses.
2 Critical reflection on existing theories (e.g. dynamical systems theory, predictive coding) in the light of empirical research in which objective methods for measuring are used.
3 Form an opinion about given domain literature in music psychology.
4 Presentation of proper research hypotheses on a specific theme of music interaction.
5 Being able to link new developments in music psychology with the ways in which people deal with music every day.

Conditions for credit contract
Access to this course unit via a credit contract is unrestricted: the student takes into consideration the conditions mentioned in 'Starting Competences'.

Conditions for exam contract
This course unit cannot be taken via an exam contract.

Teaching methods
Lecture, project, seminar

Extra information on the teaching methods
Participation to laboratory sessions in the musicological lab ASIL in the Krook. Students will be learned skills for using recordings of audio and mocap (motion capture with infra-red cameras).

Learning materials and price

References

Course content-related study coaching
Individual discussion with the professor and with his research collaborators.

Evaluation methods
end-of-term evaluation and continuous assessment

Examination methods in case of periodic evaluation during the first examination period
Oral examination, report

Examination methods in case of periodic evaluation during the second examination period
Oral examination, report

Examination methods in case of permanent evaluation
Oral examination, report

Possibilities of retake in case of permanent evaluation
examination during the second examination period is possible

Calculation of the examination mark

Facilities for Working Students
Facilities:
1 Possible rescheduling of the examination to a different time in the same academic year.
2 Feedback can be given during an appointment during or after office hours.

Extra information:
Attending the labo-sessions is obliged.
For more information concerning flexible learning: contact the monitoring service of the faculty of Arts and philosophy.

(Approved)