

5.00 credits

15.0 h

Q2



This biannual learning unit is not being organized in 2026-2027 !

Teacher(s)	Ceulemans Anne-Emmanuelle ;
Language :	French > English-friendly
Place of the course	Louvain-la-Neuve
Prerequisites	/
Main themes	• Description of acoustical constraints related to the instrument; • History of scales and temperaments of antiquity to the present; • History of tune; • Classification of musical instruments according to their morphology.
Learning outcomes	At the end of this learning unit, the student is able to : 1 Understanding the basics of musical acoustics, training ranges and temperaments, changes the pitch and the classification of musical instruments.
Evaluation methods	Written assignment and open-book exam. The assignment is worth 1/4 of the mark. The exam is worth 3/4 of the mark.
Teaching methods	Lecture course illustrated through Powerpoint presentations and exercices.
Content	The first part of the course examines acoustic constraints on instrument making (mainly string and wind instruments). The second part is dedicated to the construction of scales (pythagorean, natural) and temperaments (meantone, irregular, equal). The third part describes the historical evolution of pitch standards. The last part presents the classification of musical instruments.
Inline resources	Course notes and documentation on Moodle.
Faculty or entity in charge	EHAC

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Learning outcomes
Certificat universitaire en musicologie (fondements)	MUSI9CE	5		
Minor in Musicology	MINMUSI	5		
Bachelor in History of Art and Archaeology : Musicology	MUSI1BA	5		