University of Silesia in Katowice

1.	Field of study	Music in Multimedia
2.	Faculty	Faculty of Fine Arts and Educational Science
3.	Academic year of entry	2023/2024 (winter term), 2024/2025 (winter term)
4.	Level of qualifications/degree	first-cycle studies
5.	Degree profile	practical
6.	Mode of study	full-time

7.	General information about the module	
Module name		Sound Synthesis 1
Module code		W6-MM-S1-SYD1
Number of the ECTS credits		3
Language of instruction		Polish
Purpose and description of the content of education		Celem modułu jest zdobycie przez studentów wiedzy i umiejętności praktycznych z zakresu syntezy dźwięku. Powyższe umiejętności mają zastosowanie przy tworzeniu warstwy dźwiękowej gier, jak również produkcji muzycznej, filmowej, radiowej itp.
List of modules that must be completed before starting this module (if necessary)		not applicable

8.	Learning outcomes of the module			
Code	Description		Learning outcomes of the programme	Level of competenc (scale 1-5)
W6-MM-S1-SYD1_1	Zna wybrane techniki syntezy dźwięku (subtraktywna, techniki modulacyjne, sampling).		W6-MM-S1-W03	2
W6-MM-S1-SYD1_2	Potrafi pracować z syntezatorami wirtualnymi VST i AudioUnit.		W6-MM-S1-W03	2
W6-MM-S1-SYD1_3	Zna parametry różnych technik syntezy i potrafi je wyróżnić w dostępnych syntezatorach.		W6-MM-S1-W03	2
W6-MM-S1-SYD1_4	Potrafi zrealizować utwór muzyczny w oparciu o brzmienia syntezatorów.		W6-MM-S1-U04	2

9.	Methods of conducting classes	
Code	Category	Name (description)
a03	Lecture methods / expository methods	Description *a description of objects, phenomena, processes or people; it involves specifying the structure and characteristic features of the object, phenomenon, or process being described; it is usually accompanied by a demonstration of the described object or by its models, drawings, tables, charts, etc.; a description may take the form of an explanation, classification, justification or comparison*
e03	Practical methods	Creation/production – creative workshop

		an activity involving creating/producing a work/artifact based on the individual, creative effort of the participant; the creative workshop is characterized by the presence and openness which make it possible to access the essence of the work/ peculiarity of the artifact at every stage of its creation/production

10.	Forms of teaching					
Code	Name		Number of hours	Assessment of the learning outcomes of the module	Learning outcomes of the module	Methods of conducting classes
W6-MM-S1-SYD1 _fs1	practical classes		30	course work	W6-MM-S1-SYD1_1, W6-MM-S1-SYD1_2, W6-MM-S1-SYD1_3, W6-MM-S1-SYD1_4	a03, e03

11.	The student's work, apart from participation in classes, includes in particular:		
Code	Category	Name (description)	Is it part of the BUNA?
a03	Preparation for classes	Developing practical skills *activities involving the repetition, refinement and consolidation of practical skills, including those developed during previous classes or new skills necessary for the implementation of subsequent elements of the curriculum (as preparation for class participation)*	No
b01	Consulting the curriculum and the organization of classes	Getting acquainted with the syllabus content *reading through the syllabus and getting acquainted with its content*	No
c03	Preparation for verification of learning outcomes	Implementation of an individual or group assignment necessary for course/phase/ examination completion *a set of activities aimed at performing an assigned task, to be executed out of class, as an obligatory phase/element of the verification of the learning outcomes assigned to the course*	Yes

Information on the details of the module implementation in a given academic year can be found in the syllabus available in the USOS system: https://usosweb.us.edu.pl.