

1.	Field of study	Music in Multimedia
2.	Faculty	Faculty of Fine Arts and Educational Science
3.	Academic year of entry	2025/2026 (winter term)
4.	Level of qualifications/degree	second-cycle studies
5.	Degree profile	practical
6.	Mode of study	full-time

7.	General information about the module	
Module name		Computer Aided Composition
Module code		W6-MM-S2-KWK
Number of the ECTS credits		2
Language of instruction		
Purpose and description of the content of education		Przedmiot ma za zadanie zapoznanie studentów z możliwościami algorytmicznego generowania struktur muzycznych i wykorzystywania ich w procesie kompozycji, oraz wyrobienie umiejętności praktycznego posługiwania się nimi
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-S2-KWK_1	The student knows and understands advanced algorithmic techniques in musical composition and complex relationships of their application.	W6-MM-S2-W02	2	
W6-MM-S2-KWK_2	The student knows and understands the OpenMusic software and visual programming techniques.	W6-MM-S2-W03	2	
W6-MM-S2-KWK_3	The student is able to create algorithms modeling complex compositional techniques, solving atypical artistic problems.	W6-MM-S2-W06	2	
W6-MM-S2-KWK_4	The student is able to generate complex melodic, harmonic and rhythmic structures and use them in realizing own compositions.	W6-MM-S2-U01 W6-MM-S2-U03	2 2	
W6-MM-S2-KWK_5	The student is able to exchange musical data between different programs, selecting optimal tools and adapting existing or developing new methods for sharing work results.	W6-MM-S2-K06 W6-MM-S2-U04	2 2	

9.	Methods of conducting classes		
Code	Category	Name (description)	
d01	Programmed learning methods	Working with a computer <i>e.g., Webquest; implementation of educational tasks using electronic and digital devices, computer programs and Internet applications; the academic teacher acts as a consultant; students' work is carried out step by step according to the plan laid own by the person teaching the course and following his instructions, and proceeds towards producing the indicated results</i>	

		<i>within the set deadline</i>
e03	Practical methods	Creation/production – creative workshop <i>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</i>
e07	Practical methods	Simulation <i>an indirect method; imitating reality in order to gain experience approximating a real one; recreating a real-world situation so that its participant can acquire an experience close to the authentic one; work on “replacement” material</i>

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-S2-KWK_fs_1	practical classes	30	course work	W6-MM-S2-KWK_1, W6-MM-S2-KWK_2, W6-MM-S2-KWK_3, W6-MM-S2-KWK_4, W6-MM-S2-KWK_5	d01, e03, e07

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 <i>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)</i>	Yes
a05	Preparation for classes	Production/preparation of tools, materials or documentation necessary for class participation <i>developing, preparing and assessing the usefulness of tools and materials (e.g. aids, scenarios, research tools, equipment, etc.) to be employed in class or as an aid when preparing for classes</i>	No
c03	Preparation for verification of learning outcomes	Implementation of an individual or group assignment necessary for course/phase/examination completion <i>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</i>	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>.