COMPUTER MUSIC AND ARRANGEMENT

Bachelor degree (BA) Undergraduate Programme
240 ECTS; 4 years of full-time study duration
Qualification obtained: Teacher. Arranger

Exemplary Curriculum

Component	ECTS earned*	Competencies obtained (code)*
Philosophy	3	UC-1; UC-5
Musical Analysis	4	UC-1; GPC-1; GPC-6
History of music	10	UC-5; GPC-1
Music after 1950	3	UC-5; GPC-1
Music Pedagogy and Psychology	3	UC-1; UC-2; UC-3; PC-14; GPC-3
Classical Music Composition	14	PC-1; PC-2; PC-3; PC-6; PC-8
Organology	3	UC-1; GPC-1
Fundamentals of Composing for Choir	3	UC-1; GPC-1
Classical Instrumentation	7	PC-5; GPC-1
Foreign Language	7	UC-4; UC-5
History of Orchestral Styles	3	UC-1; GPC-1
Score Analysis	4	UC-1; GPC-1; GPC-2
Choral Transcription	4	PC-5; PC-6
Computer Composition	6	PC-4; PC-8; GPC-5
Computer Transcription	6	PC-5; PC-8; GPC-5
Computer Music	3	UC-1; GPC-1; GPC-4

Musical Acoustics	3	UC-1; GPC-1
Electronic Musical Instruments and Equipment	3	UC-1; PC-8; GPC-4; GPC-5
Music Production Software	3	UC-1; PC-8; GPC-4; GPC-5
Essentials of Sound Analysis, Synthesis , and Transformation	6	UC-1; UC-5
History	3	PC-11; GPC-2
Piano	7	UC-8
Safety Management in Emergencies	2	UC-7
Athletics	2	UC-4; UC-5
Russian Language and Culture of Speech	3	UC-9; UC-10; GPC-7
Fundamentals of Economics and Russian Federation Cultural Policy	3	UC-2; UC-9; UC-10; PC-14; GPC-5
Fundamentals of Law	3	GPC-2; GPC-6
Solfeggio	3	UC-1; GPC-1; GPC-6
Harmony	4	UC-1; GPC-1; GPC-6
Polyphony	4	GPC-4; GPC-5
Digital Literacy	3	UC-1; UC-2; UC-3; PC-7; PC-9; GPC-3
Professional Disciplines Teaching Methods	3	UC-1; UC-2; UC-3; PC-7; PC-9; GPC-3
Solfeggio Teaching Methods	2	UC-1; UC-2; UC-3; PC-7; PC-9; GPC-3
Harmony Teaching Methods	2	UC-1; UC-2; UC-3; PC-7; PC-9; GPC-3
Fundamentals of Audio and Video Editing	5	UC-1; PC-8; GPC-4; GPC-5
Interactive Performance Essentials	5	PC-8; GPC-4; GPC-5
Fundamentals of Orthodox Choir Music	6	PC-2; PC-5; GPC-1
Folk Musical Studies	5	UC-5; GPC-1; GPC-4
Texture in 20th Century Music	3	GPC-1
History of Russian and Foreign Literature	3	UC-5
History of Art (Painting, Theater, Dance, Architecture, Cinema)	3	UC-5
Theory and Practice of Contemporary Education	3	UC-1; UC-2
Academic Research Basics	3	UC-1; UC-6; PC-13; GPC-4
Contemporary Computer Music Technologies	3	PC-3; PC-4; PC-5; PC-6; PC-8; GPC-5
Ladozvonnaya Integral System	4	UC-1; PC-8; GPC-4; GPC-5
FORMUZ Project	5	UC-1; PC-8; GPC-4; GPC-5

Course	Credits	Competencies
Essentials of Audio Engineering	5	UC-1; PC-8; GPC-4; GPC-5
Professional Communication in Foreign Language	9	UC-4; UC-5
Second Foreign Language	9	UC-4; UC-5
Fundamentals of Conducting	3	UC-3; PC-10; GPC-2
Instruments Orchestra	3	PC-5; GPC-1
Orthodox Music Fundamentals	3	UC-5; GPC-1; GPC-2; GPC-6
History of Music Theory	3	UC-1; PC-1; GPC-1
Music Editing Basics	5	UC-1; PC-6; GPC-2
Contemporary Composition and Performance Techniques	5	UC-1; GPC-1
Elective Athletics	0	UC-7
Teaching practice	3	UC-2; UC-4; GPC-3
Teaching practice	3	UC-2; UC-3; UC-4; PC-7; PC-9; PC-10; GPC-3
Pre-Graduation Practice	3	UC-1; PC-13; GPC-4
Work in studio	3	UC-1; UC-2; UC-3; PC-8; PC-12; GPC-1; GPC-5
Performance practice	3	UC-1; PC-1; UC-2; PC-2; UC-3; PC-3; PC-4; PC-5; PC-6; PC-8; PC-11; PC-12
Final Exam: Preparation and Taking	3	UC-1; PC-1; UC-2; PC-2; UC-3; PC-3; UC-4; PC-4; UC-5; PC-5; UC-6; PC-6; UC-7; PC-7; UC-8; PC-8; UC-9; PC-9; UC-10; PC10; PC-11; PC-12; PC-13; PC-14; GPC-1; GPC-2; GPC-3; GPC-4; GPC-5; GPC-6; GPC-7
Final Paper: Preparation and Defense	6	UC-1; PC-1; UC-2; PC-2; UC-3; PC-3; UC-4; PC-4; UC-5; PC-5; UC-6; PC-6; UC-7; PC-7; UC-8; PC-8; UC-9; PC-9; UC-10; PC10; PC-11; PC-12; PC-13; PC-14; GPC-1; GPC-2; GPC-3; GPC-4; GPC-5; GPC-6; GPC-7
Contemporary Choral Music	2	UC-5; PC-11; GPC-1
Fundamentals of Rhetoric	2	UC-1; UC-2; UC-4; UC-5; PC-11; PC-12
Total (without electives)	240	

 *exemplary; subject to change without prior notice.

Competency code	Description

	Universal competencies	
UC-1	Search, critically analyze and evaluate information, apply systematic approach to decision-making process	
UC-2	Define tasks to achieve goals with due consideration for the rule of law, available resources and restrictions	
UC-3	Communicate with others and work in a team	
UC-4	Communicate professionally in the national and foreign languages	
UC-5	Celebrate social, historical, ethnic, and philosophical diversity in an intercultural context	
UC-6	Manage time and self through lifelong learning	
UC-7	Maintain physical activity to preserve social and professional well-being	
UC-8	Support health and safety in daily work activities to maintain sustainable environment and society even in case of force majeure events or armed conflicts	
UC-9	Make economic decisions	
UC-10	Combat corruption	
	Generic professional competencies	
GPC-1	Understand musical form and musical language, their specific character being determined by the historical background of music development	
GPC-2	Reproduce musical works written in traditional forms of notation	
GPC-3	Develop educational planning process, create teaching materials, investigate various music pedagogy-related systems and approaches	
GPC-4	Find music-related information, apply it to professional activities	
GPC-5	Use information technology skills in professional activities	
GPC-6	Understand music composition by inner ear, embody what has been heard in sound and musical text	
GPC-7	Be aware of present-day state cultural policy of the Russian Federation	