

**SECOND LEVEL EXPERIMENTAL ACADEMIC COURSE in
ELECTRONIC AND COMPUTER MUSIC
Composition Course - IT Course**

Prerequisites for Admission

- a) First Level Academic Diploma, a Degree or equivalent; or a Conservatory Diploma in conjunction with a Senior Secondary School Diploma or any equivalent.
- b) Entrance exam

NOTE: Course credits may be attributed for previous training courses. All candidates must attach to their application a detailed curriculum of their previous musical education, particularly if relevant to the requested course.

Entrance Exam

Candidates must present an analysis of a major work of electroacoustic music and must prove they know how to use and understand the functioning of the main pieces of equipment in an audio studio.

They must also submit to the commission one or more of their own works that include the use of electroacoustics, supplying adequate support using a computer, audio or audio-video reproductions of professional quality.

In addition, candidates must be able to present the commission with work and activities carried out during previous training characterized by an interaction between music and new technologies

Course credits may be attributed for previous training courses.

Type of final exam and procedure

The final exam includes:

- a) discussion of a written dissertation on analytical-compositional matters, prepared in collaboration with a teacher from the disciplines studied, to be submitted to the Course Council at least 30 days earlier;
- b) the writing of a major composition that includes the use of new technologies, with or without instruments, to guidelines assigned by the Course Council 60 days earlier; this composition must include suitable care over the spatial arrangement of the sound and may also make use of visual means to accompany the electroacoustics

or:

- a detailed project for a set-up to create a performance that includes the use of new technologies, with instruments, voices or both, to guidelines assigned by the Course Council 60 days earlier; this composition must include suitable care over the spatial arrangement of the sound and may also make use of visual means to accompany the electroacoustics. Should candidates wish, they may also propose, in agreement with the commission, their own compositions with the aim of checking that the project presented functions properly;
- c) performance of two compositions, up to a maximum of 30 minutes, that include the presence of instruments and subsequent audio processing as well as live electronics; the creation must be supervised by the candidate during all the production phases, and be accompanied by texts of presentation and analysis to be submitted to the Course Council at least 30 days earlier

or

the sound engineering of two major electroacoustic compositions, that include the presence of instruments and subsequent audio processing, plus separate or conjoint live sounds; the creation must be supervised by the candidate during all the production phases, and be accompanied by texts of presentation and analysis to be submitted to the Course Council at least 30 days earlier.

ELECTRONIC AND COMPUTER MUSIC

Composition Course

1st year

Teaching	Hours	Exams	ECTS	Total ECTS
Basic training				
History of music (specialized courses)	40	1	6	
Analysis of the repertoire I	25	1	6	
				12
Basic training				
Sampling, synthesis and digital processing of sounds I	35	1	7	
Electroacoustics I	25	1	5	
Electroacoustic musical composition I	40	1	8	
Computer-aided scoring and publishing I	25	1	5	
				25
Related or supplementary training				
Multimedia programming languages	25	1	5	
Computer-aided composition I	25	1	5	
Techniques and forms of musical video composition I	25	1	5	
Training for artistic productions	50		4	
Educational activities to be chosen by the student	25	1	3	
Bilingual lab (Italian/German) or another foreign language (for bilingual speakers)	25	1	1	
				23
Total	320	9		60

2nd year

Teaching	Hours	Exams	ECTS	Total ECTS
Basic training				
History of music (specialized courses) II	40	1	6	
Analysis of the repertoire II	25	1	6	
				12
Basic training				
Sampling, synthesis and digital processing of sounds II	35	1	7	
Electroacoustics II	25	1	5	
Electroacoustic musical composition II	40	1	8	
Computer-aided scoring and publishing II	25	1	5	
				25
Related or supplementary training				
Computer-aided composition II /	25	1	5	
Training for artistic productions	50		4	
Educational activities to be chosen by the student	25	1	3	
Bilingual lab (Italian/German) or another foreign language (for bilingual speakers)	25	1	1	
				13
Final exam				
Final exam			10	
				10
Total	295	8		60

ELECTRONIC AND COMPUTER MUSIC

IT Course

1st year

Teaching	Hours	Exams	ECTS	Total ECTS
Basic training				
History of music (specialized courses)	40	1	6	
Analysis of the repertoire I	25	1	6	
				12
Basic training				
Sampling, synthesis and digital processing of sounds I	35	1	7	
Electroacoustics I	25	1	5	
Live electronics and control systems I	40	1	8	
Computer-aided scoring and publishing I	25	1	5	
				25
Related or supplementary training				
Multimedia programming languages	25	1	5	
Improvisation techniques I	25	1	5	
Theories of musical perception and listening	25	1	5	
Training for artistic productions	50		4	
Educational activities to be chosen by the student	25	1	3	
Bilingual lab (Italian/German) or another foreign language (for bilingual speakers)	25	1	1	
				23
Total	320	9		60

2nd year

Teaching	Hours	Exams	ECTS	Total ECTS
Basic training				
History of music (specialized courses) II	40	1	6	
Analysis of the repertoire II	25	1	6	
				12
Basic training				
Sampling, synthesis and digital processing of sounds II	35	1	7	
Electroacoustics II	25	1	5	
Live electronics and control systems II	40	1	8	
Computer-aided scoring and publishing II	25	1	5	
				25
Related or supplementary training				
Improvisation techniques II	25	1	5	
Training for artistic productions	50		4	
Educational activities to be chosen by the student	25	1	3	
Bilingual lab (Italian/German) or another foreign language (for bilingual speakers)	25	1	1	
				13
Final exam				
Final exam			10	
				10
Total	295	8		60