

SOUND TECHNOLOGY AND MUSIC COMPOSITION

FIRST LEVEL 1-YEAR (EQF 7) POSTGRADUATE SPECIALIZATION Academic Year 2017/2018

GENERAL DESCRIPTION

The course aims to train operators with specialized skills in the use of electro-acoustic instruments and computer applications for the production, post-production and processing of the acoustic signal, recorded or real-time in live situations, which can effectively collaborate with composers, sound designers, artists working in experimental and avant-garde music. Also prepares for the computing and electro-acoustic support of musical or multimedia projects related to sound design and musical creation in various fields, including those of avant-garde experimental music. Prepares electro-acoustic and computer experts able to deal with the sound distribution of concerts and live performances, the design of the recording studio and systems for the entire audio production cycle (including modern broadcasting and control systems both in the audio and digital field).

EDUCATIONAL OBJECTIVES

The course provides artistic, scientific and technical training, specialization for a direction on the engineering and acoustic skills, using the resources from Casa del Suono and Electroacoustic Laboratory from Casa della Musica (LABEL), and application of these skills to musical and artistic creation by proposing projects and collaborations with soloists and ensembles of international relevance "in residence" as well as with the various vocal and instrumental ensembles of the Conservatory "A. Boito". The projects will be created specifically for the spatialization systems in the mentioned structures.

PROFESSIONAL PROFILE – CAREER RESULTS

Experienced composers and artists in the application of new technologies to music creation and "sound design".

Composer who is experienced in acousmatic music.

Sound designers for architectural and outdoor environments.

Expert in sound recording and post-production.

Expert in Media Audio Technologies.

Computer musician.

Tonmeister, designers for architectural and outdoor environments.

Audio expert in multimedia publishing.

Sound engineer and designer for radio and television studios as well as for audio equipment, recording studios, concert performances.

Experts in storing, archiving, cataloging and restoring sound sources.

ELIGIBILE STUDENTS

Postgraduate Specialization will be activated with a minimum of 8 candidates who meet the criteria to qualify for eligibility.

In order to access the selection, candidates must be in possess of one of the following qualifications:

- Diploma accademico di Primo Livello (Bachelor Degree, EQF 6), or traditional Diploma from an Italian Conservatorio (Previgente Ordinamento);
- Laurea triennale (Academic Master degree, EQF 6);
- Equivalent diploma (EQF 6) awarded by foreing institution;

Simultaneous enrollment for the same academic year to other AFAM courses is not allowed.

PARTNERS

University of Parma

Comune di Parma - Casa della Musica / Casa del Suono

TEACHERS

Teaching activities will mainly be held by

JAVIER TORRES MALDONADO - Conservatorio "A. Boito" di Parma

ANDREA SABA - Conservatorio "A. Boito" di Parma

LAURA ZATTRA - Conservatorio "A. Boito" di Parma

ANGELO FARINA - Università degli Studi di Parma

MARCO CAPRA - Università degli Studi di Parma

PAOLO RUSSO - Università degli Studi di Parma

ALVISE VIDOLIN - esperto esterno

ANDREA CAPRA - esperto esterno

GUIDO PONZINI - esperto esterno

SIMONE CAMPANINI - esperto esterno

Lectures by:

ACHIM BORNHOEFT, Mozarteum, Salzburg

KARLHEINZ HESSL, Universität für Musik und darstellende Kunst Wien

DANIEL D'ADAMO, Conservatoire de Strasbourg

MAURIZIO GRANDINETTI, Conservatorio "G. Verdi" di Como

Internships:

GRAME, Lyon

GRM, Paris

Ensembles in residence:

ENSEMBLE TALLER SONORO, Sevilla

TRIO A. ROMBOLÀ, X. GINER, P. FONTALBA (fl, ob, sax)

ENSEMBLE SUONO CONDIVISO del Conservatorio "A. Boito" di Parma

GRUPPO DI MUSICA CONTEMPORANEA del Conservatorio "A. Boito" di Parma

Soloists in residence:

LEONARDO BARTALI (viola), GIAMPAOLO NUTI (piano)

SELECTION PROCEDURE AND ADMISSION CRITERIA

The selection of the applicants will take place on Monday, December 11th 2017.

Applicants in possession of valid requirements will be selected through an interview aimed at evaluating the cultural, musical, technical and artistic skills of the candidates.

Basic musical education is required.

APPLICATION

Admission applications must be filed using the appropriate form available from the Administration Office (Segreteria didattica) or downloadable here.

Applications deadline is November 13th 2017.

In case of applications sent by post, the postmark date is valid, providing that application form (Allegato A) is sent via e-mail by November 13th 2017.

Applications must be delivered along with:

- a copy of the student's Curriculum Vitae;
- diplomas/bachelors/high school certificates or self-certification attesting possession of the requisite certifications as prescribed by current Italian law;
- a list of the most significant artistic and professional titles and achievements relevant to the Master's program.
- payment receipt of the admission fee

COURSE DETAILS

Classes will be scheduled through the Academic Year and will end by October 31st, 2018. Internships and training activities may end by next winter exam session (by March 31st, 2019).

Course Committee may decide further exceptions, if necessary.

The course takes place at Conservatorio “Arrigo Boito” in Parma and at specific locations of partner Companies and Institutions participating in the program.

Rules on participation and attendance requirements for all modules are listed in the Regulations issued by the Course Committee.

Minimum 80% attendance is required for lectures, practice and internships, and seminars set out in the course program.

In order to be awarded their Postgraduate Specialization graduates are required to earn 60 credits (CFA-ECTS), subdivided as follows:

MODULE	hrs	CFA/ECTS	
Acoustics and Electroacoustics	30	5	exam
Sound Engineering I: Sound recording and reproduction	18	3	exam
Sound Engineering II: Sound spazialization systems	12	2	exam
Electronic Music Composition I: Composition with new technologies	24	4	exam
Electronic Music Composition II: Computer-assisted composition and orchestration	24	4	exam
Informatics for music: integrated environments for synthesis and processing	18	3	exam
History of relationship between music and technology	6	1	exam
Psychoacoustics and Music Sociology	12	2	exam
TOTAL	144	24	

LABORATORIES	hrs	CFA/ECTS	
Sound engineering lab	20	2	verification
Historical research in sonic archives lab	10	1	verification
Music research project with new technologies	10	1	verification
Sound direction and live electronics lab	20	2	verification
Computer music composition lab	96	4	verification
TOTAL	156	10	

MODULE	hrs	CFA/ECTS
Internships at companies, theatres or laboratories	375	15
TOTAL	375	15

MODULE	hrs	CFA/ECTS
Seminari specialistici	50	5
TOTALE	50	5

FINAL EXAM	CFA/ECTS
Specialization Thesis / Project	6
TOTAL	6

TOTAL	hrs	CFA/ECTS
	725	60

FINAL EXAM

The final exam is an assessment of the student's acquired specialized knowledge and can include:

- a written text (Postgraduate Specialization thesis);
- a compositive project with written commentary;
- a compositive project with thesis.

AWARDED TITLE

Students who will have fulfilled the program's requirements and succeeded in passing their final exam will be awarded the title **Master Annuale di Primo livello in "Tecnologie del suono e composizione musicale" (Italian Level I Master) i.e. Postgraduate Specialization degree (EQF 7 - 1.500 hrs - 60 CFA-ECTS).**

Minimum requirements for obtaining the degree: to be awarded the Master's degree students are required to have met the 80% attendance requirement in all the program's modules, to have successfully passed all mid-term examinations (if applicable), to have earned the totality of credits needed for the program's completion, to have fulfilled the internship requirements and to have successfully passed their final exam.

Scholarships may be awarded to the most meritorious students, according to the admission ranking list, with a 20% maximum in relation to financial resources of the course.

This Call is approved by the competent Academic Authorities, pending the Ministerial Act; the text may therefore be subject to modifications or additions, which will be immediately communicated

ENROLLMENT AND FEES

Admission fee: € 50,00, to be paid together with the application;

Enrollment fees: yearly fee for the Postgraduate Specialization program: € 2.500,00, divided into two installments: €1.875,00 payment is due upon enrollment, whereas € 625,00 must be paid by June 30th, 2018.

Payment must be made through bank deposit to Conservatorio di musica “A. Boito” - Parma, IBAN IT4400623012700000074997550 - BIC/SWIFT: CRPPIT2P452

The Director
M° Riccardo Ceni

INFORMATION AND CONTACTS
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Course supervisors:

Prof. Javier Torres Maldonado (coordinator): javier.maldonado@conservatorio.pr.it
Prof. Angelo Farina (tutor): angelo.farina@unipr.it