

** Please check this space again in January 2022 when more elaborated information and syllabi will be provided. The launch date of the education program will be announced by March/April and start June 2022 at the earliest.*

Course Modules

Module 4: Engineering and Interdisciplinary Audio Production

An introduction to the technical and practical operations of a modern recording studio, along with the theoretical bases for these practices; emphasis on microphone design and application in complex multi-tracking projects; broad overview of analog and digital audio processing technology and their practical applications. Understanding the mixing and mastering process in respect to the production process of collaborative interdisciplinary artistic project work from various fields.

Objectives:

To understand the functioning of a project recording studio and professional recording studio.

To understand underpinnings of audio engineering.

To improve the necessary software knowledge, programming and design skills for audio production.

To hear minute gradients of sound in the context of the capabilities of the recording studio environment.

To gain experience recording and mixing in the context of production for specific audio applications.

To develop composition techniques relevant to sound engineering and production in the recording studio.

Outcomes:

Knowledge of the technical and mechanical bases of analog and digital recording technology.

Knowledge of the theoretical concepts underpinning recording studio practices like signal flow, routing, data management.

Skill in directing operational procedures, standards, and social practices of professional recording in the context of specific performance contexts.

Competency and experience in putting advanced recording technologies into practice according to the structure and workflow of various art forms.

CLASSES and WORKSHOP TOPICS in MODULE 4

Week 1: Project production with digital audio workstations

Week 2: Ableton live extended workflow

Week 3: Studio practices

Week 4: Mixing

Week 5: Music theory for the manipulation of multiple tracks and voices

Week 6: Multichannel audio

Week 7: Sound and image

Week 8: Sound and movement

Week 9: Sound, narrative and theater

Week 10: Film sound and music

Week 11: Radio plays - Hörspiel, production for radio, internet radio, podcast

Week 12: Orchestration and ensemble recording techniques

Week 13: Live sound engineering and production

Week 14: Mastering

ONGOING TRAINING:

Experience with microphones, outboard gear and various other equipment in a recording studio. Practice setting audio to the requirement of given artistic forms.