



Det Jyske  
Musikkonservatorium  
**The Royal Academy  
of Music**

# CURRICULUM

## **Bachelor of Music (BMus)**

### **ELECTRONIC SOUND AND MUSIC Aalborg**

Effective as of 2015

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# 1 Introduction

**Electronic Sound and Music (ELM)** is a BMus degree course where the student works as a performer/producer and reflects on electronic music and sound art. The degree course also includes a concrete effort to prepare the student for the realities of postgraduate working life through training courses focusing on artistic as well as pedagogical aspects.

The ELM degree course covers electronic sound as a part of productions across various art forms. This includes installations, multimedia productions etc.

## **The degree course consists of:**

Main study area

- Includes semester projects on creative processes that often result in works of art.
- Often, the semester projects also involve one or more other degree course subjects.
- The project phase of the degree course is concluded with the bachelor project on the 6th semester.
- Skill-building support subjects

General studies

Pedagogical subjects and training courses

Entrepreneurial Studies


Finally, a number of FLEX subject lessons are available, enabling the student to structure his or her tuition based on individual wishes and needs.

Please refer to the ECTS chart for a complete list of degree course subjects.

The degree course is offered in cooperation with other institutions with an artistic focus. The aim of this type of cooperation is to provide students with a stronger professional background and to provide them with more points of contact in the arts.

## 2 Course content, individual subjects, and examinations

	ECTS per semester						total
	1	2	3	4	5	6	
<b>MAIN STUDY AREA (108)</b>	<i>Composi tion method</i>	<i>Hardwar e</i>	<i>Sound design</i>	<i>Sound and space</i>	<i>Interacti on</i>	<i>BA</i>	
Project	5	5	3	3	3		19
Composition/Production/ Installation	5	4	2	3	2	7	23
Live/Performance	5	5	2	3	2	6	23
<b>Support subjects</b>							
Programming	3	2			1		6
Electronics	3	2			1		6
Acoustics/Signal Processing	2	2	2	3	2	2	13
Studio and Sound Technology	2	2					4
FLEX subjects			2	2	2	2	8
Mandatory joint projects/courses	1	1	1	1	1	1	6
<b>GENERAL STUDIES (15)</b>							
History of Electronic Sound and Music	2	2	2				6
Auditory Analysis	2	2					4
Art and Context			2	3			5
<b>PEDAGOGICS (30)</b>							
Communication and Pedagogics			5	3	4		12
Theoretical Pedagogy			3	3	3		9
Training			3		3		6
Group Training				3			3
<b>ENTREPRENEURIAL STUDIES (12)</b>		3	3	3	3		12
<b>BA PROJECT (15)</b>							
Guidance					3	12	15
<b>Total</b>	<b>30</b>	<b>30</b>	<b>30</b>	<b>30</b>	<b>30</b>	<b>30</b>	<b>180</b>

 : The subject is studied wholly or in part in connection with a project.

## 2.1 Main study area

### 2.1.1 Project

#### Objective

Upon completion of the subject, the student

- Is able to reflect on practice and choice of methods in relation to his/her own artistic practice.
- Is able to participate in and manage artistic processes within electronic sound and music.
- Is conversant and experienced with artistic cooperation processes, within electronic sound and music as well as in cooperation with other art forms.
- Is able to identify his/her own learning needs and potential for artistic development within project work, and to prioritise and structure his/her time and work efforts in relation to these.

#### Content

Projects are executed each semester with a new subject for each project.

Each project includes independent elements (project-specific tuition) depending on the actual project.

In addition, each project includes many of the remaining degree course subjects and is executed partly in cooperation with these subjects, depending on the actual project.

Please refer to the detailed description of the various projects for the different semesters below.

#### Tuition and work formats

Project format. Class tuition with optional one-to-one tuition, depending on the content of the project

#### Semesters

1st to 5th semester

#### Scope

A total of 19 ECTS for projects on the 1st to the 5th semester

#### Evaluation and examination regulations

Please refer to the detailed description for the different semesters below.

#### **1st semester: Composition Method. 5 ECTS**

##### *Content*

Tuition takes as its starting point a composition method that may be grounded in history. Examples of composition methods include Musique Concrete, Elektronische Musik, algorithmic composition etc.

Based on the composition method, the student creates his or her own compositions.

The actual composition method for the semester is selected by the responsible teacher with input from other teachers involved.

Through studies, exercises and experiments, the student becomes familiar with the history, effects and expression of the composition method.

Project-specific tuition:

- Production with particular emphasis on the selected composition method
- A seminar on the artistic position of the method in relation to its past, its own age and possibly its future

The project is executed in cooperation with the following subjects:

- Composition/Production/Installation
- Live/Performance
- History of Electronic Sound and Music

#### *Evaluation and examination regulations*

A 30 minute oral presentation of 10-15 minutes of compositions presented as a final production or as a live performance

Discussion: 10 minutes

Total duration: 40 minutes

#### *Marking and evaluation*

Internal marking. Grade.

The assessment must reflect to what extent the objectives have been achieved.

### **2nd semester: Hardware. 5 ECTS**

#### *Content*

The subject focuses on the understanding and practical application of electronics. Through his or her own projects, the student acquires practical experience with electronics work. Several students may cooperate on a project.

The subject includes the following:

- Understanding the fundamental principles of electronics
- Construction and modification of electronics
- Use of electronics constructed/modified by the student in artistic and musical applications

Project-specific tuition:

- Circuit bending
- Programmable DIY platforms such as Arduino
- Use of hardware in sound art applications including production/performance/installation
- The project is executed in cooperation with the following subjects:
- Composition/Production/Installation
- Programming

#### *Evaluation and examination regulations*

The student is examined on an electronics/hardware project of his/her own.

Written project documentation in the form of a 4-6 page assignment is handed in 14 days prior to the examination.

30 minute oral examination focusing on the physical project and the documentation handed in

Discussion: 10 minutes

Total duration: 40 minutes

### *Marking and evaluation*

Internal marking. Grade.

The assessment must reflect to what extent the objectives have been achieved.

### **3rd semester: Sound design. 3 ECTS**

#### *Content*

The subject covers sound design for specific applications such as music production, installations, film, computer games or radio.

The student creates at least one coherent sound design for a product whose primary form of expression is not music. Several students may cooperate on a project.

The subject includes the following:

- Traditions within sound design
- Sound design in e.g. video productions, radio productions etc.

In addition, concrete sound design working methods are tried out in practice.

Project-specific tuition:

- Foley, field recordings etc.
- Multi channel setups
- Sound perception
- Use of sound design in various contexts: music/cross-media (film/radio/TV/sound art etc.)

The project is executed in cooperation with the following subjects:

- Composition/Production/Installation
- Acoustics and Signal Processing

#### *Evaluation and examination regulations*

The student is examined on a sound design produced by the student. The sound design must be in a form relevant to the type of assignment the student attempts to complete.

30 minutes of oral examination during which the student presents his/her product as well as the background for the assignment and the process that has resulted in the product

Discussion: 10 minutes

Total duration: 40 minutes

### *Marking and evaluation*

Internal marking. Grade.

The assessment must reflect to what extent the objectives have been achieved.

### **4th semester: Sound and space. 3 ECTS**

#### *Content*

The subject covers sound as part of a spatial experience as well as space design as part of the artistic end product. Products may include site-specific installations, concert experiences including stage, light and visuals design, etc.

The student creates sound experiences that actively relate to the space in which they are present through their content. Several students may cooperate on a project.

Project-specific tuition:

- Sound/visuals interaction
- Space structure

- "The coherent experience"

The project is executed in cooperation with the following subjects:

- Composition/Production/Installation
- Art and Context

#### *Evaluation and examination regulations*

Examination of 30 minutes total

The student is examined on a 12-15 minute work created and performed by the student in a format relevant to the work. This is followed by an interview of approx. 15 minutes.

Discussion: 10 minutes

Total duration: 55 minutes

#### *Marking and evaluation*

Internal marking. Grade.

The assessment must reflect to what extent the objectives have been achieved.



## **5th semester: Interaction. 3 ECTS**

### *Content*

The subject focuses on the creation of works that have sound as their central element. The works must interact with their surroundings, including their audience, physically and in terms of expression. Examples include installations, performances, objects etc. The student creates works within the framework outlined above. Several students may cooperate on a project.

The theoretical and practical principles for the creation of interactive works are covered. Among the subjects studied is the interactive relationship between work and audience.

Project-specific tuition:

- Site-specific installations
- Interactive installations
- Creation of art objects with sound content
- Planning and execution of performance

The project is executed in cooperation with the following subjects:

- Composition/Production/Installation
- Live/Performance
- Programming
- Electronics

### *Evaluation and examination regulations*

The student is examined on a finished work created by the student himself/herself. 14 days prior to the examination, written documentation of the process and reflections in connection with the work of art are handed in in the form of an 8-10 page assignment.

During a 30 minute interview, the assignment and the work itself are covered, including those parts of the work that belong in the Programming and Electronics subjects.

Discussion: 10 minutes

Total duration: 40 minutes

### *Marking and evaluation*

External marking. Grade. The assessment must reflect the student's artistic and technical level.

## 2.1.2 Composition/Production/Installation

### Objective

Upon completion of the subject, the student:

- Is able to make artistic choices and assessments.
- Is able to acknowledge and handle artistic challenges in a creative, investigative and analytical manner.
- Is able to reflect on practice and choice of methods in relation to his/her own artistic practice.
- Has acquired and is able to use technical and musical skills and forms of expression in relation to working as a composer.
- Is able to communicate various forms of musical and artistic expression in a way that is relevant for a given target audience.
- Can participate independently in various musical contexts.
- Possesses knowledge of directions, methods and theory within composition technique, aesthetics and style.
- Is conversant with relevant conventions with a view to performing professionally.
- Is able to identify his/her own learning needs and potential for artistic development within the composition field, and to prioritise and structure his/her time and work efforts in relation to these.

### Content

The subject to a high degree runs in parallel with the project subject. The student and teacher spend part of the time on the challenges that the current project poses for the student.

Peer and teacher guidance during the creative process with the student's own works  
Development of the student's compositional talent and awareness of his/her work as an artist

Individual and joint guidance on the student's work in group projects

Analysis of relevant works of music as well as study of relevant technical literature

### Tuition and work formats

One-to-one tuition. Group tuition is optional, e.g. in connection with projects.

### Semesters

1st to 6th semester

### Scope

23 ECTS

### Evaluation and examination regulations

After the 2nd semester: evaluation of 1st year

*Examination content*

Oral examination: 30 minutes

Discussion and account: 10 minutes

Total examination duration: 40 minutes

*Examination format*

Hand-in of selected works composed during the 1st and 2nd semesters as well as a brief written presentation of the works

Interview on works handed in

The composed works and the written presentation are to be handed in by May 1st.

*Marking and evaluation*

External marking. Grade.

The assessment must reflect whether the overall objectives of the course are expected to be achievable for the subject over the three years of study.

After the 6th semester: examination

*Examination content*

Oral examination: 45 minutes

Discussion and account: 15 minutes

Total examination duration: 60 minutes

*Examination format*

Hand-in of a representative selection of works created during the 3rd to 6th semester as well as a brief written presentation of the works

Interview. A technical and aesthetic investigation of at least one work handed in, chosen by the student

The composed works and the written presentation are to be handed in by May 1st.

*Marking and evaluation*

External marking. Grade.

The assessment must reflect to what extent the objectives have been achieved.

## 2.1.3 Live/Performance

### Objective

Upon completion of the subject, the student:

- Is conversant with relevant conventions with a view to performing professionally.
- Is able to reflect on practice and choice of methods in relation to his/her own performative practice.
- Has acquired and is able to use technical and musical skills and forms of expression in relation to his/her work.
- Is able to make artistic choices and assessments.
- Is able to communicate various forms of musical and artistic expression in a performative fashion that is relevant for a given target audience.
- Is able to acknowledge and handle artistic challenges in a creative, investigative and analytical manner.
- Can participate independently in various artistic and musical contexts, including ensemble playing.
- Is able to identify his/her own learning needs and potential for artistic development, and to prioritise and structure his/her time and work efforts in relation to these.

### Content

Tuition takes the form of guidance in the artistic process based on the student's own material. Work is done on developing the student's performative talent and consciousness of his/her work as an artist, and on considerations regarding performance including the use and mastery of relevant effects and technological tools.

Part of the tuition takes the form of preparation for and evaluation of student performances at concert cafés/band leader concerts. The student is required to manage and assume artistic responsibility for one concert/performance annually (arranged in cooperation with the Academy). The teacher is expected to attend and evaluate this event.

Concert cafés are arranged in the 1st and 2nd year. The band leader concert is arranged on the 6th semester and has the same duration as the examination concert.

### Tuition and work formats

One-to-one tuition. Group tuition is optional, e.g. in connection with projects.

### Semesters

1st to 6th semester

### Scope

23 ECTS

## **Evaluation and examination regulations**

### After the 2nd semester: evaluation of 1st year

#### *Examination content*

Practical test: 15 minutes

Discussion and account: 15 minutes

Total examination duration: 30 minutes

#### *Examination format*

Performance/concert. The student performs pieces selected by the student himself/herself with a total duration of 15 minutes. The performance must include ensemble playing and improvisation.

#### *Marking and evaluation*

External marking. Evaluation: Grade as well as a short account. The assessment must reflect to what extent the overall objectives of the course are expected to be achievable for the subject over the three years of study.

### After the 6th semester: performance/concert examination

#### **Examination content**

Concert: 25 minutes

Discussion and account: 35 minutes

Total examination duration: 60 minutes

#### *Examination format*

At a concert, the student performs 25 minutes of material chosen by the student him/herself. The programme is created in cooperation with the student's teacher.

#### *Marking and evaluation*

External marking. Grade and a short oral account.

The assessment must reflect to what extent the objectives have been achieved.

# Support subjects

## 2.1.4 Programming

### Objective

Upon completion of the subject, the student:

- Possesses elementary knowledge of programming in relevant programming languages and environments.
- Has acquired and is able to use elementary technical programming skills.
- Is able to identify his/her own learning needs and potential for artistic development within the programming field, and to prioritise and structure his/her time and work efforts in relation to these.

### Content

A basic understanding of interactive music applications and computer music instruments

Tuition makes use of relevant software-based programming environments.

The subject provides a general introduction to data processing and covers conventions such as MIDI and digital audio.

### Tuition and work formats

Class tuition in course form

### Semesters

1st to 2nd semester. Also included in the 5th semester project

### Scope

6 ECTS

### Evaluation and examination regulations

Certificate with the evaluation Approved/Not approved. This certifies that the objectives have been achieved at a level at least corresponding to a Pass, and that current attendance rules have been followed.

## 2.1.5 Electronics

### Objective

Upon completion of the subject, the student:

- Has acquired and is able to use elementary knowledge and skills within electronics.
- Is able to communicate technical expressions and problems in a way that is relevant for peers.
- Is able to acknowledge and handle technical challenges in a creative, investigative and analytical manner.
- Is able to identify his/her own learning needs and potential for artistic development within the electronics field, and to prioritise and structure his/her time and work efforts in relation to these.

### Content

Development of the student's theoretical knowledge and practical experience with electronics including the following:

- Concepts within electronics
- Knowledge of voltage/power and basic components
- Analysis and construction of simple electronic circuits
- Use of sensors
- Troubleshooting and use of measuring equipment

Tuition is based on a practical approach to electronics with exercises and small projects.

The subject is coordinated with the main study area project on the 2nd and 5th semester.

### Tuition and work formats

Class tuition

### Semesters

1st to 2nd semester. Also included in the 5th semester project

### Scope

6 ECTS

### Evaluation and examination regulations

Certificate with the evaluation Approved/Not approved. This certifies that the objectives have been achieved at a level at least corresponding to a Pass, and that current attendance rules have been followed.

## 2.1.6 Acoustics/Signal Processing

### Objective

Upon completion of the subject, the student:

- Has acquired and is able to use elementary knowledge and technical musical skills within electronic music.
- Is able to communicate technical expressions and problems in a way that is relevant for peers.
- Is able to acknowledge and handle technical challenges in a creative, investigative and analytical manner.
- Is able to identify his/her own learning needs and potential for artistic development within the theory of electronic music, and to prioritise and structure his/her time and work efforts in relation to these.

### Content

Development of student understanding of sound, acoustics and a series of analogue and digital signal processing techniques that are being used in electronic music production

1st to 2nd semester:

- Acoustics: sound production, wave theory, instrument acoustics, room acoustics, psychoacoustics, perception, and cognition

3rd to 6th semester:

- Signal processing: elementary electronics, analogue signal processing (waveforms, modulation, filters)
- Digital signal processing: sampling theory, delays, filters, reverb, tables, modulation (AM, FM, wave shaping), FFT, additive synthesis, granular synthesis, formant synthesis, cross-synthesis and physical models

Tuition covers various theories and also incorporates practical exercises with subsequent homework.

The disciplines and practical exercises of this subject are coordinated with the Studio and Sound Technology subject.

### Tuition and work formats

Class tuition

### Semesters

1st to 6th semester

### Scope

13 ECTS

### Evaluation and examination regulations

After the 2nd semester: evaluation of 1st year

*Examination content*

- Acoustics examination

The curriculum consists of material covered during tuition.



*Examination format*

Oral test with no aids

Duration: 30 minutes

30 minutes of preparation time are allowed.

Discussion: 10 minutes

Total duration: 40 minutes

*Marking and evaluation*

Internal marking. Grade.

The assessment must reflect to what extent the objectives have been achieved.

After the 6th semester: signal processing examination

*Examination content*

The curriculum consists of material covered during tuition.

*Examination format*

Written examination. 24 hours are allowed for completing the examination.

*Marking and evaluation*

Internal marking. Grade.

The assessment must reflect to what extent the objectives have been achieved.

## 2.1.7 Studio and Sound Technology

### Objective

Upon completion of the subject, the student:

- Possesses elementary knowledge of technical practice, methods and theory in the field of studio and sound technology.
- Is conversant with conventions with a view to performing professionally in various productions.
- Has acquired and is able to use technical skills in the field of studio and sound technology.
- Is able to acknowledge and handle technical challenges in a creative, investigative and analytical manner.
- Can participate independently in various productions.
- Is able to identify his/her own learning needs and potential for artistic development within the field of studio and sound technology, and to prioritise and structure his/her time and work efforts in relation to these.

### Content

Development of the student's theoretical knowledge and practical experience with sound technology in both studio and live productions

Studio setup, analogue signal paths, analogue mixing, microphone technique/placement, analogue effects, hard disk recording, digital effects, digital mixing, sound formats, and an introduction to hardware and software covering both theory and practice

Practical exercises may include various types of supervised productions, e.g. studio production, live recordings or concert production.

The disciplines and practical exercises of this subject are coordinated with the Acoustics and Signal Processing subject.

### Tuition and work formats

Class tuition

### Semesters

1st to 2nd semester

### Scope

4 ECTS

### Evaluation and examination regulations

Certificate with the evaluation Approved/Not approved. This certifies that the objectives have been achieved at a level at least corresponding to a Pass, and that current attendance rules have been followed.

## 2.1.8 FLEX Subjects

The FLEX subject is an elective course module that may be incorporated in the degree course in one or more of the following ways depending on the student.

### Objective

Upon completion of the subject, the student has acquired knowledge of a series of subjects chosen by the student him/herself that augment his/her degree course.

### Content

The content varies depending on the student's choice of subjects. The content may

- accommodate special needs that arise in connection with the main study area
- provide an insight into closely related subject areas
- provide an insight into particular subjects
- provide a greater insight into one of the minor subjects.

### Semesters

3rd to 6th semester

### Scope

8 ECTS

### Tuition and work formats

Tuition may be set up in three ways:

- The student receives one-to-one tuition.
- Several students form a group studying a particular subject.
- The student joins a class that is already studying the subject according to an Academy curriculum.

The student chooses FLEX subjects for a year at a time. If the Head of Studies deems it practically feasible, the student may split up his/her FLEX subject into two courses lasting one semester each or two parallel courses. Suggestions for FLEX subjects to be offered by the teachers must be handed in at the studies office no later than 1 December. In January, the Head of Studies sets up a joint meeting where the FLEX subjects are presented and the students may coordinate wishes with a view to setting up classes.

The subsequent course of actions is described under "Procedure for choosing FLEX subjects".

Transportation benefits are not available in connection with FLEX subject tuition.

### Procedure for choosing FLEX subjects

1 March: The student hands in an application for FLEX subjects. There are three options:

1. The application concerns a subject not described in any Academy curriculum, to be taught by an internal or external teacher. This is done by means of an application to the Head of Studies. The application is to be handed in at the studies office by 1 March. The procedure for this is described below.

2. The application concerns a subject from the teacher idea catalogue. The Head of Studies must approve the description and title and may call for an in-depth explanation.
3. The application concerns a subject described in an Academy curriculum taught by a subject teacher who is already approved. This is pre-approved pending organisation of subject lessons. The Head of Studies may, however, get involved if the student is to join a class that has already been set up (regarding level, resource distribution, etc.).

The student initially contacts the desired teacher. In consultation with the teacher, a brief description of the content (at least six lines) and a plan for the execution of the course are drawn up. The plan must specify where the lessons are to take place and whether they are to be scheduled ahead or on a lesson-to-lesson basis by the student and the teacher. The student must make it clear that this is an application and that the teacher will be contacted by the Academy regarding employment.

The content description and plan must be confirmed by the teacher by post or e-mail and must subsequently reach the studies office no later than 1 March. If no application is handed in, FLEX subject lessons will automatically be awarded to the student's Composition/Production/Installation and Live/Performance teacher.

### **Evaluation and examination regulations**

Certificate with the evaluation Approved/Not approved. The certificate is given for satisfactory attendance.

## 2.1.9 Mandatory Joint Projects/Courses

### **Objective**

To provide students with an opportunity to enhance their education through a varied offering of courses covering all degree relevant subjects.

### **Content**

Every year, a number of courses are organised: study courses, year courses, class courses and possibly instrument-specific courses.

### **Tuition and work formats**

Tuition format and organisation depends on the course content.

### **Semesters**

1st to 6th semester

### **Scope**

6 ECTS

### **Evaluation and examination regulations**

After the 6th semester:

Certificate with the evaluation Approved/Not approved. This certifies that current attendance rules have been followed.

## 2.2 General Studies

### 2.2.1 History of Electronic Sound and Music

#### Objective

Upon completion of the subject, the student:

- Possesses knowledge of concepts, trends and positions within electronic music and sound art.
- Has an understanding of technological development.
- Understands and is able to reflect on relevant terms and concepts.
- Is able to search for and acquire relevant information.
- Is capable of written and oral communication to peers and non-specialists.
- Is able to acknowledge and handle music history challenges in an investigative and analytical manner.
- Is able to identify his/her own learning needs in the field.

#### Content

Tuition covers the following areas:

- An overview of the history of and aesthetic trends in electronic music to the present day
- Historical circumstances surrounding the music, such as technological advances
- Focus on eminent composers/sound artists/works
- Study of relevant technical literature

The subject is coordinated with the 1st semester main study area project.

#### Tuition and work formats

Class tuition

#### Semesters

1st to 3rd semester

#### Scope

6 ECTS

#### Evaluation and examination regulations

After the 3rd semester: examination

##### *Examination content*

Written assignment on the history of electronic music. The title and subject of the assignment is chosen by the student in consultation with the teacher.

##### *Examination format*

Written examination. Scope: 5 to 7 page assignment

The assignment must be handed in by December 1st.

##### *Marking and evaluation*

Internal marking. Pass/fail.

The assessment must reflect to what extent the objectives have been achieved.

## 2.2.2 Auditory Analysis

### Objective

Upon completion of the subject, the student:

- Has acquired an understanding and knowledge of effects within electronic music and other relevant artistic expressions.
- Is able to carry out a critical analysis of existing works.
- Understands and is able to reflect on relevant terms and concepts.
- Is able to search for and acquire relevant information.
- Is capable of written and oral communication to peers and non-specialists.
- Is able to identify his/her own learning needs in the field.

### Content

Tuition covers the following areas:

- An introduction to auditory analysis methods, graphic notation, descriptive music terminology, forms etc.
- Study, analysis, and discussion of relevant terms and concepts within history and aesthetics as well as central artists and works
- Study of relevant technical literature

### Tuition and work formats

Class tuition

### Semesters

1st to 2nd semester

### Scope

4 ECTS

### Evaluation and examination regulations

After the 2nd semester: examination

*Examination content*

Auditory analysis of a work provided by the Academy

*Examination format*

Oral examination. Duration: 30 minutes. 2 hours of preparation time are allowed.

Discussion: 10 minutes

Total duration: 40 minutes

*Marking and evaluation*

Internal marking. Grade.

The assessment must reflect to what extent the objectives have been achieved.

## 2.2.3 Art and Context

### Objective

Upon completion of the subject, the student:

- Possesses knowledge of concepts, trends and positions within art and aesthetics.
- Understands and is able to reflect on relevant terms and concepts.
- Is able to reflect in a social and historical context.
- Is able to search for and acquire relevant information.
- Is capable of oral communication to peers and non-specialists.
- Is capable of participating in artistic interaction and cross-disciplinary cooperation based on knowledge of history and aesthetics.
- Is able to identify his/her own learning needs in relation to art and concepts of aesthetics.

### Content

Tuition covers the following areas:

- An introduction to relevant theory of art and aesthetics
- An introduction to dimensions of expression through single and multiple media (image, sound, presentation etc.) and related art phenomena
- An overview of the relationship between artist, receiver/audience and work
- A focus on the current status and position in social culture of art and cross-disciplinary aesthetics
- An overview of aesthetic trends in contemporary electronic music and sound art

### Tuition and work formats

Class tuition

### Semesters

3rd to 4th semester

### Scope

5 ECTS

### Evaluation and examination regulations

After the 4th semester: examination

*Examination content*

Oral analysis and perspectives on a work provided by the Academy

*Examination format*

Oral examination. Duration: 30 minutes. 2 hours of preparation time are allowed.

Discussion: 10 minutes

Total duration: 40 minutes

*Marking and evaluation*

Internal marking. Grade.

The assessment must reflect to what extent the objectives have been achieved.



## 2.3 Pedagogics

### 2.3.1 Communication and Pedagogics

#### Objective

Upon completion of the subject, the student:

- Possesses elementary knowledge of relevant pedagogical concepts and methods.
- Is conversant with ethics and responsibilities in relation to the teaching/communication role.
- Possesses elementary tuition skills in electronic sound and music.
- Is able to organise progressive pedagogical courses.
- Is able to communicate verbally and artistically with pupils and other non-specialists.
- Is able to acknowledge and handle pedagogical challenges in a creative, investigative and analytical manner.
- Can participate independently in and oversee cooperation with pupils, other non-specialists and peers.
- Is able to identify his/her own learning needs and potential for artistic development in the field of pedagogics, and to prioritise and structure his/her time and work efforts in relation to the organisation of teaching courses.

#### Content

Development of student ability to communicate and teach electronic sound and music at different age and skill levels

Tuition covers various subject areas within electronic sound and music production:

Planning and execution of teaching practice based on relevant pedagogical progressions where pupils in classes or individually compose and work on electronic music.

Tuition makes use of practical exercises, theoretical presentations and discussions drawing on relevant literature.

Subject tuition is planned in cooperation with the Theoretical Pedagogy subject. The subject is connected to the training courses.

#### Tuition and work formats

Class tuition

#### Semesters

3rd to 5th semester

#### Scope

12 ECTS

#### Evaluation and examination regulations

Subject examination is part of the Group Training and Training exam.

## 2.3.2 Theoretical Pedagogy

### Objective

Upon completion of the subject, the student:

- Possesses an elementary knowledge of relevant pedagogical, didactic and psychological theories, concepts and methods.
- Is conversant with ethics and responsibilities in relation to the teaching/communication role.
- Is able to reflect on practice and choice of methods in relation to various teaching and communication situations.
- Has acquired relevant communication tools.
- Is able to acknowledge and handle pedagogical challenges in a creative, investigative and analytical manner.
- Is able to identify his/her own learning needs and potential for artistic development in the field of pedagogics.
- Is able to prioritise and structure his/her time and work efforts in relation to the organisation of teaching courses.

### Content

Study and discussion of selected education theories and the views of man, society, and learning they embody

Discussion of pedagogical approaches and traditions within music

Study and discussion of various teacher and pupil roles

Study and discussion of theories of education and learning

Study and discussion of communication, organisation and leadership styles. Study of the theoretical prerequisites for being able to plan, execute and evaluate music teaching, including definition of goals, implementation and retention, course organisation, lesson preparation, self-evaluation and peer evaluation (supervision).

Subject tuition is planned in cooperation with the Communication and Pedagogics subject. Part of tuition is based on cases and problems from the concurrent training courses.

### Tuition and work formats

Class tuition

### Semesters

3rd to 5th semester

### Scope

9 ECTS

### Evaluation and examination regulations

Certificate with the evaluation Approved/Not approved. This certifies that the objectives have been achieved at a level at least corresponding to a Pass, and that current attendance rules have been followed.

### 2.3.3 Group Training

#### Objective

Upon completion of tuition training, the student:

- Is conversant with ethics and responsibilities in relation to the teaching/communication role.
- Is able to reflect on practice and choice of methods in relation to tuition training.
- Possesses elementary tuition skills.
- Is able to organise progressive pedagogical courses.
- Is able to communicate verbally and musically with pupils and other non-specialists.
- Is able to acknowledge and handle pedagogical challenges in a creative, investigative and analytical manner.
- Is able to identify his/her own learning needs and potential for artistic development in the field of pedagogics, and to prioritise and structure his/her time and work efforts in relation to the organisation of teaching courses.

#### Content

Training takes place at a folk high school (a type of voluntary, non-formal boarding school for adults offering semester-long programmes on various subjects) or similar institution with the students lodging at the institution.

Over a 2 week period, the student teaches electronic sound and music.

Together with the Communication and Pedagogics teacher, the students organise the folk high school training course, report writing (pedagogical report) and evaluation.

Training is prepared and evaluated in Communication and Pedagogics and Theoretical Pedagogy classes.

#### Pedagogical report

The report must contain the following:

- Objective
- Class and pupil descriptions
- A description of one or more selected lessons
- A reflection on tuition benefits for the pupils and students
- Individual comments with reflections on tuition benefits for each student as well as an evaluation of the course
- A list of materials covered
- Examples of teaching materials
- Documentation of pupil works created during the course may be included.

Scope of the written report: 5 to 8 pages

#### Semesters

4th semester

#### Scope

3 ECTS

#### Evaluation and examination regulations

After the 4th semester: certificate with the evaluation Approved/Not approved

This certifies that the objectives have been achieved at a level at least corresponding to a Pass, and that current attendance rules have been followed.

## 2.3.4 Training

### Objective

Upon completion of the training course, the student:

- Is conversant with ethics and responsibilities in relation to the teaching/communication role.
- Is able to reflect on practice and choice of methods in relation to training.
- Possesses elementary tuition skills.
- Is able to organise progressive pedagogical courses.
- Is able to communicate verbally and artistically with pupils and other non-specialists.
- Is able to acknowledge and handle pedagogical challenges in a creative, investigative and analytical manner.
- Is able to identify his/her own learning needs and potential for artistic development in the field of pedagogics, and to prioritise and structure his/her time and work efforts in relation to the organisation of teaching courses.

### Content

3rd semester: 0 ECTS

The student chooses from the following options:

- A. The student works as a composer and/or artist at a school, folk high school, high school, museum, theatre or similar. In cooperation with external players, the student creates songs to be used during tuition/performances etc. The communicative aspect of the cooperation is emphasised.  
The student is in charge of acquiring training sites in consultation with the Communication and Pedagogics teacher.
- B. The student works with a solo pupil in electronic sound and music. During the training course, teaching methods and pedagogics are covered with a view to preparing a relevant and progressively sorted teaching repertoire for use during the course.  
The student is in charge of acquiring a training pupil in consultation with the Communication and Pedagogics teacher.

Training is put into perspective during Communication and Pedagogics tuition.

5th semester: 6 ECTS

The student executes an electronic sound and music examination training course with a solo pupil or a class for a minimum of 10 lessons lasting at least 45 minutes each. During the training course, teaching methods and pedagogics are covered with a view to preparing a relevant and progressively sorted teaching repertoire for use during the course.

The student is in charge of acquiring one or more training pupils in consultation with the Communication and Pedagogics teacher.

Training is put into perspective during Communication and Pedagogics tuition.

### Tuition and work formats

Tuition takes the form of individual guidance.

## **Semesters**

3rd and 5th semester

## **Scope**

6 ECTS total

## **Evaluation and examination regulations**

After the 5th semester: examination

### *Examination content*

- Tuition demonstration in a 45 minute class
- Interview. After the tuition demonstration, the student comments on the training course and the lesson and answers questions from the examiners.
- Written report. The report (5 to 8 pages excluding annexes) must include the following:
  - An introduction including general views of the subject based on personal experience
  - A description of the training course
  - Pupil descriptions
  - A description of the objective
  - A description of one or more selected lessons
  - An evaluation of the course
  - Annexes: a list of materials taught and material examples

The report is to be handed in by the date announced by the studies office but no later than 14 days before the examination.

### *Examination format*

Practical test and written report. Duration of the practical test including interview: 60 minutes

Discussion: 10 minutes

Total duration: 70 minutes

### *Marking and evaluation*

Internal marking. One overall grade.

The assessment must reflect to what extent the course objectives have been achieved.

## 2.4 Entrepreneurial Studies

### Objective

Upon completion of the subject, the student:

- Possesses elementary knowledge of the music industry and culture in a modern, globalised world.
- Understands and is able to reflect on common practices and relations between the music industry and various players in the cultural sphere.
- Is able to create programmes and communicate with a view to employment in music.
- Is able to appraise challenges and issues in relation to his/her own career.
- Is able to communicate his/her own artistic and pedagogical choices to peers, audiences, and media players.
- Is able to work in a creative, investigative, and analytical manner in relation to the music industry and culture in a globalised world.
- Is able to act with integrity in various professional contexts and participate in relevant cross-disciplinary cooperation.

### Content

Tuition on the individual semesters covers various subjects including:

#### 2nd semester: **Personal management**

- Competence assessment
- Self-management
- Learning portfolio
- Study technique
- CV
- Forms of interview

#### 3rd semester: **Environment and communication**

- Networking
- Internal communication, e.g. dialogic communication
- External communication, e.g. press releases, social media, and elevator speeches
- Planning and executing training courses
- An introduction to international activities

#### 4th semester: **Project management and cooperation**

- Development of ideas
- Project management
- Process facilitation
- Fund raising
- Planning and executing a joint class project
- Target audiences and booking

#### 5th semester: **Project**

- Project management
- Career planning
- Communication

- Planning and executing the examination project

### **Mandatory assignments**

To pass each semester, the student must hand in an online learning portfolio containing the work/assignments completed over the course of the semester. At the start of the tuition course, the teacher announces which online platform is to be used.

The semester can only be passed if the assignments have been handed in and approved by the teacher. All assignments must relate theory and/or method to practice.

At least one of the projects over the course of the BMus degree course must be of an international or intercultural kind.

2nd semester: CV creation Reflection assignment on personal management

3rd semester: Training course Training report (in which the student reflects on the importance of networking)

4th semester: Joint project Assignment on project management

5th semester: Completed project with subsequent examination assignment

Scope of written assignments on the 2nd to 4th semester: 2 to 4 pages.

### **Scope**

12 ECTS

### **Tuition and work formats**

Class tuition and seminars.

### **Semesters**

2nd to 5th semester

### **Evaluation and examination regulations**

#### *Examination Content*

Scope of the examination assignment: 5-7 pages or corresponding video material/accessible portfolio content.

The examination assignment is handed in using an online learning portfolio.

As a minimum, the examination assignment must cover 2-3 themes from the core areas of the subject with relevant literature (theory and/or method).

During the oral examination, the student relates theory to his/her own practice and uses this as a starting point for a reflection on his/her professional and personal development.

#### *Examination format*

Oral examination based on the examination assignment.

Duration: 30 minutes including evaluation.

#### *Marking and evaluation:*

Internal marking. Grade.

The assessment must reflect to what extent the objectives of the course have been achieved.



## 2.5 Bachelor Project

### Objective

Upon completion of the bachelor project, the student

- Possesses elementary knowledge of practice, methods and theory within the chosen project area.
- Is able to reflect on his/her practice and choice of methods in relation to the project.
- Is able to use relevant methods, tools and forms of expression in a creative, performative and/or pedagogical context.
- Is able to identify and acquire project-relevant knowledge and use relevant project-related solution models.
- Is able to communicate project idea and results orally and in writing.
- Is able to work on a project basis in a creative, investigative and analytical manner.
- Is able to find relevant cooperation partners and act professionally in vocational and/or cross-disciplinary cooperation.
- Is able to set up and adhere to a realistic schedule.

### Content

The bachelor project takes one main area as its starting point but may draw on other, cross-disciplinary approaches.

The student chooses and defines his/her own project. The project must include at least one of the following elements:

- a) A creative, performative and/or pedagogical element
- b) Communication of the above
- c) A written reflection. Scope: max. 20 pages excluding annexes

Item a) may be in the form of a composition, concert, performance, installation, CD recording or tuition course.

Item b) may be in the form of a lecture at the final exam which further puts into perspective the materials covered in items a) and c), or it may be a website/portfolio created unassisted.

The written part of the project including the project description is handed in at the studies office by 1 May. At the same time a plan for the exam execution, including evaluation of the weighting of the two other main elements a) and b), must be included. The plan is decided upon in collaboration with the project supervisor.

### Semesters

5th and 6th semester

### Scope

15 ECTS

## **Evaluation and examination regulations**

After the 6th semester: examination

### *Examination content and materials*

Presentation in accordance with the approved project description.

### *Examination format*

a. Presentation (30 minutes).

Depending on the nature of the project, the presentation may take the following forms:

- A concert incorporating oral communication
- A teaching situation using an approach related to the project
- A lecture/presentation of the project including documentation of the artistic/performative dimension in the form of CD/DVD recordings or similar

b. Interview with the board of examiners (10 minutes)

c. Discussion and preparation of statement (20 minutes)

The exam is organised individually in accordance with the approved project description.

Duration of presentation and interview: 40 minutes.

Duration of exam including discussion: 60 minutes.

### *Marking and evaluation*

External marking. Grade and a written statement.

The assessment must reflect to what extent the bachelor project objectives have been achieved.