



## Qualification descriptor for Degree of Bachelor of Science - Major; Audio Technology

*Filosofie Kandidatexamen - Huvudområde; Ljudteknik*

### Degree regulations of 2007

#### First cycle

#### Specialisations

Name	Start term	For admitted until
Audio production ( <i>Ljudproduktion</i> )	A07	
Acoustics within Arena Media, Music and Technology ( <i>Akustik inom arena Media, musik och teknik</i> )	A07	S14

#### Established

Qualification descriptor approved on 2010-06-01 by Ordförande filosofisk fakultetsnämnd.

#### Examination Objectives

##### Higher Education Act

English information is not available

##### Higher Education Ordinance

Annex 2

##### Knowledge and understanding

For a Bachelor's degree the student shall have:

- \* demonstrated knowledge and understanding in the main field of study, including knowledge of the disciplinary foundation of the field, understanding of applicable methodologies in the field, specialised study in some aspect of the field as well as awareness of current research issues.

##### Competence and skills

For a Bachelor's degree the student shall have:

- \* demonstrated the ability to search for, gather, evaluate and critically interpret the relevant information for a formulated problem and also discuss phenomena, issues and situations critically
- \* demonstrated the ability to identify, formulate and solve problems autonomously and to complete tasks within predetermined time frames
- \* demonstrated the ability to present and discuss information, problems and solutions in speech and writing and in dialogue with different audiences, and
- \* demonstrated the skills required to work autonomously in the main field of study.

##### Judgement and approach

For a Bachelor's degree the student shall have:

- \* demonstrated the ability to make assessments in the main field of study informed by relevant disciplinary, social and ethical issues
- \* demonstrated insight into the role of knowledge in society and the responsibility of the individual for how it is used, and
- \* demonstrated the ability to identify the need for further knowledge and ongoing learning.

### Detailed objectives for this degree

For a Bachelor's degree, main field of study audio technology, the student must in addition to the Higher Education Act and Higher Education Ordinance show the ability to;

- within the main field of study, make occurring fundamental artistic considerations
- integrate occurring artistic considerations with the aims of the Higher Education Ordinance for a Bachelor's degree

## Specialisations

### Audio production

For specialization in audio production, the student must, in addition to the objectives for the main field of study;

- be able to demonstrate, and critically approach the knowledge needed for working as a sound engineer

### Acoustics within Arena Media, Music and Technology

For specialization in acoustics, the student must, in addition to the objectives for the main field of study;

- show ability to integrate audio technology with one or more other subject fields
- be able to implement projects with a focus on acoustics
- be familiar with the interaction between arts, industry and academic research

## Credits

The programme requires 180 credits.

*The credits stated indicate the total for all courses leading to the degree. All courses are to have been completed and passed.*

## Special requirements

### Higher Education Ordinance and Luleå University of Technology

Independent project (degree project)

A requirement for the award of a Bachelor's degree is completion by the student of an independent project (degree project) for at least 15 credits in the main field of study. (The Higher Education Ordinance, Annex 2 Qualifications ordinance)

Compulsory courses included in degrees the equivalent of 180 credits are at first cycle level. Courses at second cycle level equal to at most 15 credits may be included in a degree the equivalent of 180 credits. (Guidelines for Bologna adaptation), LTU Dnr 783-06).

*All course requirements for this degree are stated in the official syllabus.*

## Degree certificate

*A degree certificate will be issued upon application to students who fulfil the requirements for a degree.*

## Course requirements for this degree

Syllabus - [Bachelor Programme in Audio Technology](#) (Utbildningsplan - Ljudteknik, kandidat)

Syllabus - [Arena, Media, Music and Technology](#) (Utbildningsplan - Arena media, musik och teknik)