



# University of Pretoria Yearbook 2016

## MMus Music Technology (Coursework) (01252083)

**Duration of study** 1 year

**Total credits** 180

### Admission requirements

#### Admission Requirements:

BMus (4-year degree) or BMusHons in Music Technology is required with the approval of the head of department.

#### Main curriculum information:

Minimum credits required: [180]

Research: [90]

Core modules: [80]

Elective modules: [10]

#### Curriculum

#### Credits

##### Research

MTZ 890 Mini-dissertation: Music technology [90]

##### Core modules

MTZ 851 Audio technology [20]

MTZ 852 Critical listening [20]

MTZ 854 Music: Research methodology [20]

MTZ 858 Music business and industry [20]

##### Elective modules

*Choose one module from:*

MTZ 856 Audio mastering [10]

MTZ 857 Music technology seminar [10]

#### Examinations

(i) A minimum progress mark of 40% is required for admission to the examination.

(ii) In the calculation of the final mark for the module in which an examination is written the progress mark will carry a weight of a minimum of 50% and the examination a weight of a minimum of 50%. The progress mark is calculated on the basis of two assessments done during the period that the module is presented.

(iii) In order to pass a module a final mark of at least 50% and a minimum examination mark of 40% must be obtained except when a module can be completed without a scheduled examination. A student will pass a module with distinction if a final mark of at least 75% is achieved.

(iv) A module may be completed without a scheduled examination\* provided that:

(a) all the outcomes of the module have been evaluated by means of formative assessment;

(b) the final mark is based on the student's performance in at least three assessment opportunities;

(c) a final mark of at least 50% is obtained; and

(d) students are not provided with an additional opportunity for assessment such as a supplementary examination or a retest.

\*NB The Dean's permission must be obtained beforehand in such cases.

(v) The final results for all modules will only be published after condonation of the results by the examination commission of the Faculty of Humanities. No results will be released beforehand.

## Curriculum: Final year

### Core modules

#### Audio technology 851 (MTZ 851)

<b>Module credits</b>	20.00
<b>Prerequisites</b>	No prerequisites.
<b>Language of tuition</b>	English
<b>Academic organisation</b>	Music
<b>Period of presentation</b>	Year

##### Module content

Audio technology consists of a broad study of the principles of audio technology, with an emphasis on recording technology. Specific attention is paid to microphone technique, recording technology, mixing and editing, audio mastering and music production. Examination is based on a portfolio of commercially distributable recordings of a minimum length of sixty minutes (standard audio-CD format). By completion of this module, students should be able to illustrate an in-depth level of recording technique as well as a range of music production competencies within the required scope of the portfolio.

#### Critical listening 852 (MTZ 852)

<b>Module credits</b>	20.00
<b>Prerequisites</b>	No prerequisites.
<b>Language of tuition</b>	English
<b>Academic organisation</b>	Music
<b>Period of presentation</b>	Year

##### Module content

Critical Listening consists of the development of the auditory judgement of the student in order to be able to achieve the appropriate level of critical audio discernment as appropriate for a professional audio production. Specific attention is paid to the estimating of the frequency of sound, sound level changes, reverberation, delay, distortion, dynamic processing and spectral irregularities. Examination is based on a portfolio of critical listening assignments and a series of critical listening tests. By completion of this module, students should be able to demonstrate an advanced level of audio evaluative skills as appropriate for music production environments.

#### Music research methodology 854 (MTZ 854)

<b>Module credits</b>	20.00
<b>Prerequisites</b>	No prerequisites.
<b>Contact time</b>	1 practical per week, 1 seminar per week
<b>Language of tuition</b>	English
<b>Academic organisation</b>	Music
<b>Period of presentation</b>	Year

## Module content

Music research methodology provides for the necessary background knowledge on research methodology in order to identify, evaluate and select an appropriate topic for postgraduate research projects. It addresses research design, literature resources, compilation of literature reviews, referencing, plagiarism, the formulation of a problem statement, purpose statement and research objectives/research questions to guide the intended study. The study culminates in the compilation of a detailed research proposal for postgraduate study, which is the essential element of the examination. By completing this module, students should be able to initiate and conduct postgraduate research within a structured framework.

### Mini-dissertation: Music technology 890 (MTZ 890)

<b>Module credits</b>	90.00
<b>Prerequisites</b>	No prerequisites.
<b>Language of tuition</b>	Double Medium
<b>Academic organisation</b>	Music
<b>Period of presentation</b>	Year

## Module content

The writing of a mini-dissertation in the field of Music Technology of a minimum of 25 000 words.

## Elective modules

### Audio mastering 856 (MTZ 856)

<b>Module credits</b>	10.00
<b>Prerequisites</b>	No prerequisites.
<b>Contact time</b>	1 practical per week, 1 seminar per week
<b>Language of tuition</b>	English
<b>Academic organisation</b>	Music
<b>Period of presentation</b>	Year

## Module content

Audio mastering consists of a study of the advanced theory and practice of audio pre-mastering as it pertains to the music production environment. In particular, the techniques pertaining to pre-mastering, including equalisation, macro-, and micro dynamics, excitation, enhancement, noise reduction, analogue and digital processing are addressed. Examination is based on a portfolio of commercial quality premastering assignments.

### Music technology seminar 857 (MTZ 857)

<b>Module credits</b>	10.00
<b>Prerequisites</b>	No prerequisites.
<b>Contact time</b>	1 seminar per week, 1 practical per week
<b>Language of tuition</b>	English
<b>Academic organisation</b>	Music

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<b>Period of presentation</b>	Year
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### Module content

Music technology seminar is the study of a chosen subject within the broad scope of music technology, such as acoustics, sound synthesis, audio engineering, live audio, gaming audio, audio forensics, automotive audio and instrument design. Examination is based on the presentation of a departmental or external seminar and a publication. By completion of this module students should be able to demonstrate an advanced competence of the subject matter within the scope of the selected topic.

## Music business and industry 858 (MTZ 858)

<b>Module credits</b>	20.00
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<b>Prerequisites</b>	No prerequisites.
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<b>Contact time</b>	1 practical per week, 1 seminar per week
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<b>Language of tuition</b>	English
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<b>Academic organisation</b>	Music
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<b>Period of presentation</b>	Year
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### Module content

Music business and industry consists of an introductory study of the fundamentals of conducting music business within the context of the South African economy. The field of study addresses aspects of the South African music industry such as industry structure, intellectual property, legal, finance, marketing, sales methodology, business incubation, business management and regulatory requirements. Examination is based on the presentation of a portfolio of documentation of an actual business that was incepted during the course of the study. By completion of this module, students should be able to conduct business within the South African music industry.

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The information published here is subject to change and may be amended after the publication of this information. The [General Regulations \(G Regulations\)](#) apply to all faculties of the University of Pretoria. It is expected of students to familiarise themselves well with these regulations as well as with the information contained in the [General Rules](#) section. Ignorance concerning these regulations and rules will not be accepted as an excuse for any transgression.