



## Study Plan

**School:** School of Arts  
**Degree:** Bachelor  
**Course:** Music (cód. 584)

### Specialization Performance

#### 1st Year - 1st Semester Specialization Performance

Component code	Name	Scientific Area Field	ECTS	Duration	Hours
MUS0976L	Musical Instrument I	Music	10	Semester	260
MUS11712L	Vocal and Instrumental Ensemble I	Music	6	Semester	156
MUS0944L	Music Analysis I	Music	5	Semester	130

#### Alternative Curricular Units

Component code	Name	Scientific Area Field	ECTS	Duration	Hours
MUS0970L	Ear Training I	Music	3	Semester	78
MUS1909L	Ear Training III	Music	3	Semester	78



1st Year - 1st Semester  
Specialization Performance

Component code	Name	Scientific Area Field	ECTS	Duration	Hours
<b>Group of Options</b>					
Component code	Name	Scientific Area Field	ECTS	Duration	Hours
MUS0974L	History of the Western Notations	Musicology	5	Semester	156
MUS1022L	Organology II	Musicology	5	Semester	156
MUS1026L	Sociology of Music II	Musicology	5	Semester	156
MUS2701L	Choir V	Music	3	Semester	78
MUS2702L	Choir VI	Music	3	Semester	78
MUS1915L	Introduction to Composition I	Music	3	Semester	78
MUS1916L	Introduction to Composition II	Music	3	Semester	78
MUS1005L	Music Acoustics	Musicology	3	Semester	78
MUS1023L	Psico-acoustics I	Musicology	3	Semester	78
MUS1024L	Psico-acoustics II	Musicology	3	Semester	78
MUS0986L	Score Reading I	Music	3	Semester	78
MUS0987L	Score Reading II	Music	3	Semester	78
MUS0972L	Harmony at the Keyboard I	Music	3	Semester	78
MUS0973L	Harmony at the Keyboard II	Music	3	Semester	78
MUS0988L	Music and Technology I	Music	3	Semester	78
MUS0989L	Music and Technology II	Music	3	Semester	78
MUS0990L	Electroacoustic Music I	Music	3	Semester	78
MUS0991L	Electroacoustic Music II	Music	3	Semester	78
MUS0992L	Electroacoustic Music III	Music	3	Semester	78
MUS0993L	Electroacoustic Music IV	Music	3	Semester	78
MUS1000L	Performance Practice I	Music	3	Semester	78
MUS1001L	Performance Practice II	Music	3	Semester	78
MUS1917L	Fundamentals of Orchestration I	Music	3	Semester	78
MUS1918L	Fundamentals of Orchestration II	Music	3	Semester	78
MUS1919L	Creativity and Improvisation I	Music	3	Semester	78
MUS1920L	Creativity and Improvisation II	Music	3	Semester	78
MUS1921L	Keyboard Technique Lab I	Music	3	Semester	78
MUS1922L	Keyboard Technique Lab II	Music	3	Semester	78
MUS1923L	Vocal Technique Lab I	Music	3	Semester	78
MUS1924L	Vocal Technique Lab II	Music	3	Semester	78

\* recovery



**1st Year - 1st Semester  
Specialization Performance**

Component code	Name	Scientific Area Field	ECTS	Duration	Hours
<b>*** TRANSLATE ME:UC's do 1º Ano de recuperação no 2º semestre ***</b>					
Component code	Name	Scientific Area Field	ECTS	Duration	Hours
MUS0977L	* Musical Instrument II	Music	10	Semester	260
MUS11713L	* Vocal and Instrumental Ensemble II	Music	6	Semester	156

**1st Year - 2nd Semester  
Specialization Performance**

Component code	Name	Scientific Area Field	ECTS	Duration	Hours
MUS0977L	Musical Instrument II	Music	10	Semester	260
MUS11713L	Vocal and Instrumental Ensemble II	Music	6	Semester	156
MUS0945L	Music Analysis II	Music	5	Semester	130
<b>Alternative Curricular Units</b>					
Component code	Name	Scientific Area Field	ECTS	Duration	Hours
MUS0971L	Ear Training II	Music	3	Semester	78
MUS1910L	Ear Training IV	Music	3	Semester	78



1st Year - 2nd Semester  
Specialization Performance

Component code	Name	Scientific Area Field	ECTS	Duration	Hours
<b>Group of Options</b>					
Component code	Name	Scientific Area Field	ECTS	Duration	Hours
MUS0974L	History of the Western Notations	Musicology	5	Semester	156
MUS1022L	Organology II	Musicology	5	Semester	156
MUS1026L	Sociology of Music II	Musicology	5	Semester	156
MUS2701L	Choir V	Music	3	Semester	78
MUS2702L	Choir VI	Music	3	Semester	78
MUS1915L	Introduction to Composition I	Music	3	Semester	78
MUS1916L	Introduction to Composition II	Music	3	Semester	78
MUS1005L	Music Acoustics	Musicology	3	Semester	78
MUS1023L	Psico-acoustics I	Musicology	3	Semester	78
MUS1024L	Psico-acoustics II	Musicology	3	Semester	78
MUS0986L	Score Reading I	Music	3	Semester	78
MUS0987L	Score Reading II	Music	3	Semester	78
MUS0972L	Harmony at the Keyboard I	Music	3	Semester	78
MUS0973L	Harmony at the Keyboard II	Music	3	Semester	78
MUS0988L	Music and Technology I	Music	3	Semester	78
MUS0989L	Music and Technology II	Music	3	Semester	78
MUS0990L	Electroacoustic Music I	Music	3	Semester	78
MUS0991L	Electroacoustic Music II	Music	3	Semester	78
MUS0992L	Electroacoustic Music III	Music	3	Semester	78
MUS0993L	Electroacoustic Music IV	Music	3	Semester	78
MUS1000L	Performance Practice I	Music	3	Semester	78
MUS1001L	Performance Practice II	Music	3	Semester	78
MUS1917L	Fundamentals of Orchestration I	Music	3	Semester	78
MUS1918L	Fundamentals of Orchestration II	Music	3	Semester	78
MUS1919L	Creativity and Improvisation I	Music	3	Semester	78
MUS1920L	Creativity and Improvisation II	Music	3	Semester	78
MUS1921L	Keyboard Technique Lab I	Music	3	Semester	78
MUS1922L	Keyboard Technique Lab II	Music	3	Semester	78
MUS1923L	Vocal Technique Lab I	Music	3	Semester	78
MUS1924L	Vocal Technique Lab II	Music	3	Semester	78

\* recovery



1st Year - 2nd Semester  
Specialization Performance

Component code	Name	Scientific Area Field	ECTS	Duration	Hours
<b>*** TRANSLATE ME:UC's do 1º Ano de recuperação no 2º semestre ***</b>					
Component code	Name	Scientific Area Field	ECTS	Duration	Hours
MUS0976L	* Musical Instrument I	Music	10	Semester	260
MUS11712L	* Vocal and Instrumental Ensemble I	Music	6	Semester	156

2nd Year - 3rd Semester  
Specialization Performance

Component code	Name	Scientific Area Field	ECTS	Duration	Hours
MUS0978L	Musical Instrument III	Music	10	Semester	260
MUS11714L	Vocal and Instrumental Ensemble III	Music	6	Semester	156
MUS0946L	Musical Analysis III	Music	5	Semester	130
<b>*** TRANSLATE ME:Formação Auditiva III ou Opção Livre ***</b>					
Component code	Name	Scientific Area Field	ECTS	Duration	Hours
MUS1909L	Ear Training III	Music	3	Semester	78
<b>*** TRANSLATE ME:Optativa livre ***</b>					



2nd Year - 3rd Semester  
Specialization Performance

Component code	Name	Scientific Area Field	ECTS	Duration	Hours
<b>Group of Options</b>					
Component code	Name	Scientific Area Field	ECTS	Duration	Hours
MUS0974L	History of the Western Notations	Musicology	5	Semester	156
MUS1022L	Organology II	Musicology	5	Semester	156
MUS1026L	Sociology of Music II	Musicology	5	Semester	156
MUS2701L	Choir V	Music	3	Semester	78
MUS2702L	Choir VI	Music	3	Semester	78
MUS1915L	Introduction to Composition I	Music	3	Semester	78
MUS1916L	Introduction to Composition II	Music	3	Semester	78
MUS1005L	Music Acoustics	Musicology	3	Semester	78
MUS1023L	Psico-acoustics I	Musicology	3	Semester	78
MUS1024L	Psico-acoustics II	Musicology	3	Semester	78
MUS0986L	Score Reading I	Music	3	Semester	78
MUS0987L	Score Reading II	Music	3	Semester	78
MUS0972L	Harmony at the Keyboard I	Music	3	Semester	78
MUS0973L	Harmony at the Keyboard II	Music	3	Semester	78
MUS0988L	Music and Technology I	Music	3	Semester	78
MUS0989L	Music and Technology II	Music	3	Semester	78
MUS0990L	Electroacoustic Music I	Music	3	Semester	78
MUS0991L	Electroacoustic Music II	Music	3	Semester	78
MUS0992L	Electroacoustic Music III	Music	3	Semester	78
MUS0993L	Electroacoustic Music IV	Music	3	Semester	78
MUS1000L	Performance Practice I	Music	3	Semester	78
MUS1001L	Performance Practice II	Music	3	Semester	78
MUS1917L	Fundamentals of Orchestration I	Music	3	Semester	78
MUS1918L	Fundamentals of Orchestration II	Music	3	Semester	78
MUS1919L	Creativity and Improvisation I	Music	3	Semester	78
MUS1920L	Creativity and Improvisation II	Music	3	Semester	78
MUS1921L	Keyboard Technique Lab I	Music	3	Semester	78
MUS1922L	Keyboard Technique Lab II	Music	3	Semester	78
MUS1923L	Vocal Technique Lab I	Music	3	Semester	78
MUS1924L	Vocal Technique Lab II	Music	3	Semester	78

\* recovery



2nd Year - 3rd Semester  
Specialization Performance

Component code	Name	Scientific Area Field	ECTS	Duration	Hours
<b>*** TRANSLATE ME:UC's do 2º Ano de recuperação no 3º semestre ***</b>					
Component code	Name	Scientific Area Field	ECTS	Duration	Hours
MUS0979L	* Musical Instrument IV	Music	10	Semester	260
MUS11715L	* Conjunto Vocal e Instrumental IV	Music	6	Semester	156

2nd Year - 4th Semester  
Specialization Performance

Component code	Name	Scientific Area Field	ECTS	Duration	Hours
MUS0979L	Musical Instrument IV	Music	10	Semester	260
MUS11715L	Conjunto Vocal e Instrumental IV	Music	6	Semester	156
MUS0947L	Musical Analysis IV	Music	5	Semester	130
<b>*** TRANSLATE ME:Formação Auditiva IV ou Optativa Livre ***</b>					
Component code	Name	Scientific Area Field	ECTS	Duration	Hours
MUS1910L	Ear Training IV	Music	3	Semester	78
<b>*** TRANSLATE ME:Optativa livre ***</b>					



2nd Year - 4th Semester  
Specialization Performance

Component code	Name	Scientific Area Field	ECTS	Duration	Hours
<b>Group of Options</b>					
Component code	Name	Scientific Area Field	ECTS	Duration	Hours
MUS0974L	History of the Western Notations	Musicology	5	Semester	156
MUS1022L	Organology II	Musicology	5	Semester	156
MUS1026L	Sociology of Music II	Musicology	5	Semester	156
MUS2701L	Choir V	Music	3	Semester	78
MUS2702L	Choir VI	Music	3	Semester	78
MUS1915L	Introduction to Composition I	Music	3	Semester	78
MUS1916L	Introduction to Composition II	Music	3	Semester	78
MUS1005L	Music Acoustics	Musicology	3	Semester	78
MUS1023L	Psico-acoustics I	Musicology	3	Semester	78
MUS1024L	Psico-acoustics II	Musicology	3	Semester	78
MUS0986L	Score Reading I	Music	3	Semester	78
MUS0987L	Score Reading II	Music	3	Semester	78
MUS0972L	Harmony at the Keyboard I	Music	3	Semester	78
MUS0973L	Harmony at the Keyboard II	Music	3	Semester	78
MUS0988L	Music and Technology I	Music	3	Semester	78
MUS0989L	Music and Technology II	Music	3	Semester	78
MUS0990L	Electroacoustic Music I	Music	3	Semester	78
MUS0991L	Electroacoustic Music II	Music	3	Semester	78
MUS0992L	Electroacoustic Music III	Music	3	Semester	78
MUS0993L	Electroacoustic Music IV	Music	3	Semester	78
MUS1000L	Performance Practice I	Music	3	Semester	78
MUS1001L	Performance Practice II	Music	3	Semester	78
MUS1917L	Fundamentals of Orchestration I	Music	3	Semester	78
MUS1918L	Fundamentals of Orchestration II	Music	3	Semester	78
MUS1919L	Creativity and Improvisation I	Music	3	Semester	78
MUS1920L	Creativity and Improvisation II	Music	3	Semester	78
MUS1921L	Keyboard Technique Lab I	Music	3	Semester	78
MUS1922L	Keyboard Technique Lab II	Music	3	Semester	78
MUS1923L	Vocal Technique Lab I	Music	3	Semester	78
MUS1924L	Vocal Technique Lab II	Music	3	Semester	78

\* recovery





2nd Year - 4th Semester  
Specialization Performance

Component code	Name	Scientific Area Field	ECTS	Duration	Hours
<b>*** TRANSLATE ME:UC's do 2º Ano de recuperação no 4º semestre ***</b>					
Component code	Name	Scientific Area Field	ECTS	Duration	Hours
MUS0978L	* Musical Instrument III	Music	10	Semester	260
MUS11714L	* Vocal and Instrumental Ensemble III	Music	6	Semester	156

3rd Year - 5th Semester  
Specialization Performance

Component code	Name	Scientific Area Field	ECTS	Duration	Hours
MUS0980L	Musical Instrument V	Music	10	Semester	260
MUS11716L	Vocal and Instrumental Ensemble V	Music	6	Semester	156
MUS0948L	Musical Analysis V	Music	5	Semester	130
<b>*** TRANSLATE ME:Orquestra I ou Optativa Livre ***</b>					
Component code	Name	Scientific Area Field	ECTS	Duration	Hours
MUS2695L	Orchestra I	Music	3	Semester	78
<b>*** TRANSLATE ME:Optativa livre ***</b>					



3rd Year - 5th Semester  
Specialization Performance

Component code	Name	Scientific Area Field	ECTS	Duration	Hours
<b>Group of Options</b>					
Component code	Name	Scientific Area Field	ECTS	Duration	Hours
MUS0974L	History of the Western Notations	Musicology	5	Semester	156
MUS1022L	Organology II	Musicology	5	Semester	156
MUS1026L	Sociology of Music II	Musicology	5	Semester	156
MUS2701L	Choir V	Music	3	Semester	78
MUS2702L	Choir VI	Music	3	Semester	78
MUS1915L	Introduction to Composition I	Music	3	Semester	78
MUS1916L	Introduction to Composition II	Music	3	Semester	78
MUS1005L	Music Acoustics	Musicology	3	Semester	78
MUS1023L	Psico-acoustics I	Musicology	3	Semester	78
MUS1024L	Psico-acoustics II	Musicology	3	Semester	78
MUS0986L	Score Reading I	Music	3	Semester	78
MUS0987L	Score Reading II	Music	3	Semester	78
MUS0972L	Harmony at the Keyboard I	Music	3	Semester	78
MUS0973L	Harmony at the Keyboard II	Music	3	Semester	78
MUS0988L	Music and Technology I	Music	3	Semester	78
MUS0989L	Music and Technology II	Music	3	Semester	78
MUS0990L	Electroacoustic Music I	Music	3	Semester	78
MUS0991L	Electroacoustic Music II	Music	3	Semester	78
MUS0992L	Electroacoustic Music III	Music	3	Semester	78
MUS0993L	Electroacoustic Music IV	Music	3	Semester	78
MUS1000L	Performance Practice I	Music	3	Semester	78
MUS1001L	Performance Practice II	Music	3	Semester	78
MUS1917L	Fundamentals of Orchestration I	Music	3	Semester	78
MUS1918L	Fundamentals of Orchestration II	Music	3	Semester	78
MUS1919L	Creativity and Improvisation I	Music	3	Semester	78
MUS1920L	Creativity and Improvisation II	Music	3	Semester	78
MUS1921L	Keyboard Technique Lab I	Music	3	Semester	78
MUS1922L	Keyboard Technique Lab II	Music	3	Semester	78
MUS1923L	Vocal Technique Lab I	Music	3	Semester	78
MUS1924L	Vocal Technique Lab II	Music	3	Semester	78

\* recovery



**3rd Year - 5th Semester  
Specialization Performance**

Component code	Name	Scientific Area Field	ECTS	Duration	Hours
<b>*** TRANSLATE ME:UC's do 3º Ano de recuperação no 5º semestre ***</b>					
Component code	Name	Scientific Area Field	ECTS	Duration	Hours
MUS0981L	* Musical Instrument VI	Music	10	Semester	260
MUS11717L	* Vocal and Instrumental Ensemble VI	Music	6	Semester	156

**3rd Year - 6th Semester  
Specialization Performance**

Component code	Name	Scientific Area Field	ECTS	Duration	Hours
MUS0981L	Musical Instrument VI	Music	10	Semester	260
MUS11717L	Vocal and Instrumental Ensemble VI	Music	6	Semester	156
MUS0949L	Musical Analysis VI	Music	5	Semester	130
<b>*** TRANSLATE ME:Orquestra II ou Optativa Livre ***</b>					
Component code	Name	Scientific Area Field	ECTS	Duration	Hours
MUS2696L	Orchestra II	Music	3	Semester	78
<b>*** TRANSLATE ME:Optativa livre ***</b>					



3rd Year - 6th Semester  
Specialization Performance

Component code	Name	Scientific Area Field	ECTS	Duration	Hours
<b>Group of Options</b>					
Component code	Name	Scientific Area Field	ECTS	Duration	Hours
MUS0974L	History of the Western Notations	Musicology	5	Semester	156
MUS1022L	Organology II	Musicology	5	Semester	156
MUS1026L	Sociology of Music II	Musicology	5	Semester	156
MUS2701L	Choir V	Music	3	Semester	78
MUS2702L	Choir VI	Music	3	Semester	78
MUS1915L	Introduction to Composition I	Music	3	Semester	78
MUS1916L	Introduction to Composition II	Music	3	Semester	78
MUS1005L	Music Acoustics	Musicology	3	Semester	78
MUS1023L	Psico-acoustics I	Musicology	3	Semester	78
MUS1024L	Psico-acoustics II	Musicology	3	Semester	78
MUS0986L	Score Reading I	Music	3	Semester	78
MUS0987L	Score Reading II	Music	3	Semester	78
MUS0972L	Harmony at the Keyboard I	Music	3	Semester	78
MUS0973L	Harmony at the Keyboard II	Music	3	Semester	78
MUS0988L	Music and Technology I	Music	3	Semester	78
MUS0989L	Music and Technology II	Music	3	Semester	78
MUS0990L	Electroacoustic Music I	Music	3	Semester	78
MUS0991L	Electroacoustic Music II	Music	3	Semester	78
MUS0992L	Electroacoustic Music III	Music	3	Semester	78
MUS0993L	Electroacoustic Music IV	Music	3	Semester	78
MUS1000L	Performance Practice I	Music	3	Semester	78
MUS1001L	Performance Practice II	Music	3	Semester	78
MUS1917L	Fundamentals of Orchestration I	Music	3	Semester	78
MUS1918L	Fundamentals of Orchestration II	Music	3	Semester	78
MUS1919L	Creativity and Improvisation I	Music	3	Semester	78
MUS1920L	Creativity and Improvisation II	Music	3	Semester	78
MUS1921L	Keyboard Technique Lab I	Music	3	Semester	78
MUS1922L	Keyboard Technique Lab II	Music	3	Semester	78
MUS1923L	Vocal Technique Lab I	Music	3	Semester	78
MUS1924L	Vocal Technique Lab II	Music	3	Semester	78

\* recovery



### 3rd Year - 6th Semester Specialization Performance

Component code	Name	Scientific Area Field	ECTS	Duration	Hours
<b>*** TRANSLATE ME:UC's do 3º Ano de recuperação no 6º semestre ***</b>					
Component code	Name	Scientific Area Field	ECTS	Duration	Hours
MUS0980L	* Musical Instrument V	Music	10	Semester	260
MUS11716L	* Vocal and Instrumental Ensemble V	Music	6	Semester	156

### Conditions for obtaining the Degree:

\*\*\* TRANSLATE ME: Para obtenção do grau de licenciado em Música &ndash; Ramo de Interpretação é necessário obter aprovação a 132 a 144 ECTS em unidades de curriculares obrigatórias e 36 a 48 ECTS em unidades curriculares optativas distribuídas da seguinte forma:

1º Ano

1º Semestre:

3 UC Obrigatórias num total de 21 ECTS

1 UC Optativas Alternativas num total de 3 ECTS

UC Opção livre num total de 6 ECTS

2º Semestre

3 UC Obrigatórias num total de 21 ECTS

1 UC Optativas Alternativas num total de 3 ECTS

UC Opção livre num total de 6 ECTS

2º Ano

3º Semestre

3 UC Obrigatórias num total de 21 ECTS

1 UC Obrigatórias ou UC opção Livre num total de 3 ECTS

UC Opção livre num total de 6 ECTS

4º Semestre

3 UC Obrigatórias num total de 21 ECTS

1 UC Obrigatórias ou UC opção Livre num total de 3 ECTS

UC Opção livre num total de 6 ECTS

3º Ano

5º Semestre

3 UC Obrigatórias num total de 21 ECTS

1 UC Obrigatórias ou UC opção Livre num total de 3 ECTS

UC Opção livre num total de 6 ECTS

6º Semestre

3 UC Obrigatórias num total de 21 ECTS

1 UC Obrigatórias ou UC opção Livre num total de 3 ECTS

UC Opção livre num total de 6 ECTS \*\*\*

### Specialization Jazz

#### 1st Year - 1st Semester Specialization Jazz

Component code	Name	Scientific Area Field	ECTS	Duration	Hours
MUS1935L	Jazz Instrument I	Music	10	Semester	260
MUS11880L	Ensemble I	Music	6	Semester	156
MUS1937L	Theory and analysis Jazz I	Music	5	Semester	130
MUS1939L	Jazz History I	Musicology	3	Semester	78

#### Alternative Curricular Units

Component code	Name	Scientific Area Field	ECTS	Duration	Hours
MUS0970L	Ear Training I	Music	3	Semester	78
MUS1938L	Ear Training Laboratory I	Music	3	Semester	78



1st Year - 1st Semester  
Specialization Jazz

Component code	Name	Scientific Area Field	ECTS	Duration	Hours
<b>Group of Options</b>					
Component code	Name	Scientific Area Field	ECTS	Duration	Hours
MUS0974L	History of the Western Notations	Musicology	5	Semester	156
MUS1022L	Organology II	Musicology	5	Semester	156
MUS1026L	Sociology of Music II	Musicology	5	Semester	156
MUS2701L	Choir V	Music	3	Semester	78
MUS2702L	Choir VI	Music	3	Semester	78
MUS1915L	Introduction to Composition I	Music	3	Semester	78
MUS1916L	Introduction to Composition II	Music	3	Semester	78
MUS1005L	Music Acoustics	Musicology	3	Semester	78
MUS1023L	Psico-acoustics I	Musicology	3	Semester	78
MUS1024L	Psico-acoustics II	Musicology	3	Semester	78
MUS0986L	Score Reading I	Music	3	Semester	78
MUS0987L	Score Reading II	Music	3	Semester	78
MUS0972L	Harmony at the Keyboard I	Music	3	Semester	78
MUS0973L	Harmony at the Keyboard II	Music	3	Semester	78
MUS0988L	Music and Technology I	Music	3	Semester	78
MUS0989L	Music and Technology II	Music	3	Semester	78
MUS0990L	Electroacoustic Music I	Music	3	Semester	78
MUS0991L	Electroacoustic Music II	Music	3	Semester	78
MUS0992L	Electroacoustic Music III	Music	3	Semester	78
MUS0993L	Electroacoustic Music IV	Music	3	Semester	78
MUS1000L	Performance Practice I	Music	3	Semester	78
MUS1001L	Performance Practice II	Music	3	Semester	78
MUS1917L	Fundamentals of Orchestration I	Music	3	Semester	78
MUS1918L	Fundamentals of Orchestration II	Music	3	Semester	78
MUS1919L	Creativity and Improvisation I	Music	3	Semester	78
MUS1920L	Creativity and Improvisation II	Music	3	Semester	78
MUS1921L	Keyboard Technique Lab I	Music	3	Semester	78
MUS1922L	Keyboard Technique Lab II	Music	3	Semester	78
MUS1923L	Vocal Technique Lab I	Music	3	Semester	78
MUS1924L	Vocal Technique Lab II	Music	3	Semester	78

\* recovery



1st Year - 1st Semester  
Specialization Jazz

Component code	Name	Scientific Area Field	ECTS	Duration	Hours
<b>*** TRANSLATE ME:UC's do 1º Ano de recuperação no 1º semestre ***</b>					
Component code	Name	Scientific Area Field	ECTS	Duration	Hours
MUS1940L	* Jazz Instrument II	Music	10	Semester	260
MUS11881L	* Ensemble II	Music	6	Semester	156

1st Year - 2nd Semester  
Specialization Jazz

Component code	Name	Scientific Area Field	ECTS	Duration	Hours
MUS1940L	Jazz Instrument II	Music	10	Semester	260
MUS11881L	Ensemble II	Music	6	Semester	156
MUS1942L	Jazz Theory and Analysis II	Music	5	Semester	130
MUS1944L	Jazz History II	Musicology	3	Semester	78
<b>Alternative Curricular Units</b>					
Component code	Name	Scientific Area Field	ECTS	Duration	Hours
MUS0971L	Ear Training II	Music	3	Semester	78
MUS1943L	Ear Training Laboratory II	Music	3	Semester	78



1st Year - 2nd Semester  
Specialization Jazz

Component code	Name	Scientific Area Field	ECTS	Duration	Hours
<b>Group of Options</b>					
Component code	Name	Scientific Area Field	ECTS	Duration	Hours
MUS0974L	History of the Western Notations	Musicology	5	Semester	156
MUS1022L	Organology II	Musicology	5	Semester	156
MUS1026L	Sociology of Music II	Musicology	5	Semester	156
MUS2701L	Choir V	Music	3	Semester	78
MUS2702L	Choir VI	Music	3	Semester	78
MUS1915L	Introduction to Composition I	Music	3	Semester	78
MUS1916L	Introduction to Composition II	Music	3	Semester	78
MUS1005L	Music Acoustics	Musicology	3	Semester	78
MUS1023L	Psico-acoustics I	Musicology	3	Semester	78
MUS1024L	Psico-acoustics II	Musicology	3	Semester	78
MUS0986L	Score Reading I	Music	3	Semester	78
MUS0987L	Score Reading II	Music	3	Semester	78
MUS0972L	Harmony at the Keyboard I	Music	3	Semester	78
MUS0973L	Harmony at the Keyboard II	Music	3	Semester	78
MUS0988L	Music and Technology I	Music	3	Semester	78
MUS0989L	Music and Technology II	Music	3	Semester	78
MUS0990L	Electroacoustic Music I	Music	3	Semester	78
MUS0991L	Electroacoustic Music II	Music	3	Semester	78
MUS0992L	Electroacoustic Music III	Music	3	Semester	78
MUS0993L	Electroacoustic Music IV	Music	3	Semester	78
MUS1000L	Performance Practice I	Music	3	Semester	78
MUS1001L	Performance Practice II	Music	3	Semester	78
MUS1917L	Fundamentals of Orchestration I	Music	3	Semester	78
MUS1918L	Fundamentals of Orchestration II	Music	3	Semester	78
MUS1919L	Creativity and Improvisation I	Music	3	Semester	78
MUS1920L	Creativity and Improvisation II	Music	3	Semester	78
MUS1921L	Keyboard Technique Lab I	Music	3	Semester	78
MUS1922L	Keyboard Technique Lab II	Music	3	Semester	78
MUS1923L	Vocal Technique Lab I	Music	3	Semester	78
MUS1924L	Vocal Technique Lab II	Music	3	Semester	78

\* recovery





1st Year - 2nd Semester  
Specialization Jazz

Component code	Name	Scientific Area Field	ECTS	Duration	Hours
<b>*** TRANSLATE ME:UC's do 1º Ano de recuperação no 2º semestre ***</b>					
Component code	Name	Scientific Area Field	ECTS	Duration	Hours
MUS1935L	* Jazz Instrument I	Music	10	Semester	260
MUS11880L	* Ensemble I	Music	6	Semester	156

2nd Year - 3rd Semester  
Specialization Jazz

Component code	Name	Scientific Area Field	ECTS	Duration	Hours
MUS1945L	Jazz Instrument III	Music	10	Semester	260
MUS11882L	Ensemble III	Music	6	Semester	156
MUS1947L	Jazz Theory and Analysis III	Music	5	Semester	130
<b>*** TRANSLATE ME:Laboratório de Formação Auditiva I ou Optativa Livre ***</b>					
Component code	Name	Scientific Area Field	ECTS	Duration	Hours
MUS1938L	Ear Training Laboratory I	Music	3	Semester	78
<b>*** TRANSLATE ME:Optativa livre ***</b>					



2nd Year - 3rd Semester  
Specialization Jazz

Component code	Name	Scientific Area Field	ECTS	Duration	Hours
<b>Group of Options</b>					
Component code	Name	Scientific Area Field	ECTS	Duration	Hours
MUS0974L	History of the Western Notations	Musicology	5	Semester	156
MUS1022L	Organology II	Musicology	5	Semester	156
MUS1026L	Sociology of Music II	Musicology	5	Semester	156
MUS2701L	Choir V	Music	3	Semester	78
MUS2702L	Choir VI	Music	3	Semester	78
MUS1915L	Introduction to Composition I	Music	3	Semester	78
MUS1916L	Introduction to Composition II	Music	3	Semester	78
MUS1005L	Music Acoustics	Musicology	3	Semester	78
MUS1023L	Psico-acoustics I	Musicology	3	Semester	78
MUS1024L	Psico-acoustics II	Musicology	3	Semester	78
MUS0986L	Score Reading I	Music	3	Semester	78
MUS0987L	Score Reading II	Music	3	Semester	78
MUS0972L	Harmony at the Keyboard I	Music	3	Semester	78
MUS0973L	Harmony at the Keyboard II	Music	3	Semester	78
MUS0988L	Music and Technology I	Music	3	Semester	78
MUS0989L	Music and Technology II	Music	3	Semester	78
MUS0990L	Electroacoustic Music I	Music	3	Semester	78
MUS0991L	Electroacoustic Music II	Music	3	Semester	78
MUS0992L	Electroacoustic Music III	Music	3	Semester	78
MUS0993L	Electroacoustic Music IV	Music	3	Semester	78
MUS1000L	Performance Practice I	Music	3	Semester	78
MUS1001L	Performance Practice II	Music	3	Semester	78
MUS1917L	Fundamentals of Orchestration I	Music	3	Semester	78
MUS1918L	Fundamentals of Orchestration II	Music	3	Semester	78
MUS1919L	Creativity and Improvisation I	Music	3	Semester	78
MUS1920L	Creativity and Improvisation II	Music	3	Semester	78
MUS1921L	Keyboard Technique Lab I	Music	3	Semester	78
MUS1922L	Keyboard Technique Lab II	Music	3	Semester	78
MUS1923L	Vocal Technique Lab I	Music	3	Semester	78
MUS1924L	Vocal Technique Lab II	Music	3	Semester	78



2nd Year - 3rd Semester  
Specialization Jazz

Component code	Name	Scientific Area Field	ECTS	Duration	Hours
<b>*** TRANSLATE ME:UC's do 2º Ano de recuperação no 3º semestre ***</b>					
Component code	Name	Scientific Area Field	ECTS	Duration	Hours
MUS1948L	* Jazz Instrument IV	Music	10	Semester	260
MUS11883L	* Ensemble IV	Music	6	Semester	156

2nd Year - 4th Semester  
Specialization Jazz

Component code	Name	Scientific Area Field	ECTS	Duration	Hours
MUS1948L	Jazz Instrument IV	Music	10	Semester	260
MUS11883L	Ensemble IV	Music	6	Semester	156
MUS1950L	Jazz Theory and Analysis IV	Music	5	Semester	130
<b>*** TRANSLATE ME:Laboratório de Formação Auditiva II ou Opção Livre ***</b>					
Component code	Name	Scientific Area Field	ECTS	Duration	Hours
MUS1943L	Ear Training Laboratory II	Music	3	Semester	78
<b>*** TRANSLATE ME:Optativa livre ***</b>					



2nd Year - 4th Semester  
Specialization Jazz

Component code	Name	Scientific Area Field	ECTS	Duration	Hours
<b>Group of Options</b>					
Component code	Name	Scientific Area Field	ECTS	Duration	Hours
MUS0974L	History of the Western Notations	Musicology	5	Semester	156
MUS1022L	Organology II	Musicology	5	Semester	156
MUS1026L	Sociology of Music II	Musicology	5	Semester	156
MUS2701L	Choir V	Music	3	Semester	78
MUS2702L	Choir VI	Music	3	Semester	78
MUS1915L	Introduction to Composition I	Music	3	Semester	78
MUS1916L	Introduction to Composition II	Music	3	Semester	78
MUS1005L	Music Acoustics	Musicology	3	Semester	78
MUS1023L	Psico-acoustics I	Musicology	3	Semester	78
MUS1024L	Psico-acoustics II	Musicology	3	Semester	78
MUS0986L	Score Reading I	Music	3	Semester	78
MUS0987L	Score Reading II	Music	3	Semester	78
MUS0972L	Harmony at the Keyboard I	Music	3	Semester	78
MUS0973L	Harmony at the Keyboard II	Music	3	Semester	78
MUS0988L	Music and Technology I	Music	3	Semester	78
MUS0989L	Music and Technology II	Music	3	Semester	78
MUS0990L	Electroacoustic Music I	Music	3	Semester	78
MUS0991L	Electroacoustic Music II	Music	3	Semester	78
MUS0992L	Electroacoustic Music III	Music	3	Semester	78
MUS0993L	Electroacoustic Music IV	Music	3	Semester	78
MUS1000L	Performance Practice I	Music	3	Semester	78
MUS1001L	Performance Practice II	Music	3	Semester	78
MUS1917L	Fundamentals of Orchestration I	Music	3	Semester	78
MUS1918L	Fundamentals of Orchestration II	Music	3	Semester	78
MUS1919L	Creativity and Improvisation I	Music	3	Semester	78
MUS1920L	Creativity and Improvisation II	Music	3	Semester	78
MUS1921L	Keyboard Technique Lab I	Music	3	Semester	78
MUS1922L	Keyboard Technique Lab II	Music	3	Semester	78
MUS1923L	Vocal Technique Lab I	Music	3	Semester	78
MUS1924L	Vocal Technique Lab II	Music	3	Semester	78

\* recovery



2nd Year - 4th Semester  
Specialization Jazz

Component code	Name	Scientific Area Field	ECTS	Duration	Hours
<b>*** TRANSLATE ME:UC's do 2º Ano de recuperação no 4º semestre ***</b>					
Component code	Name	Scientific Area Field	ECTS	Duration	Hours
MUS1945L	* Jazz Instrument III	Music	10	Semester	260
MUS11882L	* Ensemble III	Music	6	Semester	156

3rd Year - 5th Semester  
Specialization Jazz

Component code	Name	Scientific Area Field	ECTS	Duration	Hours
MUS1951L	Jazz Instrument V	Music	10	Semester	260
MUS11884L	Ensemble V	Music	6	Semester	156
MUS1954L	Studio and Production Seminar I	Music	3	Semester	78
MUS1953L	Jazz Arrangement techniques I	Music	5	Semester	130



3rd Year - 5th Semester  
Specialization Jazz

Component code	Name	Scientific Area Field	ECTS	Duration	Hours
<b>Group of Options</b>					
Component code	Name	Scientific Area Field	ECTS	Duration	Hours
MUS0974L	History of the Western Notations	Musicology	5	Semester	156
MUS1022L	Organology II	Musicology	5	Semester	156
MUS1026L	Sociology of Music II	Musicology	5	Semester	156
MUS2701L	Choir V	Music	3	Semester	78
MUS2702L	Choir VI	Music	3	Semester	78
MUS1915L	Introduction to Composition I	Music	3	Semester	78
MUS1916L	Introduction to Composition II	Music	3	Semester	78
MUS1005L	Music Acoustics	Musicology	3	Semester	78
MUS1023L	Psico-acoustics I	Musicology	3	Semester	78
MUS1024L	Psico-acoustics II	Musicology	3	Semester	78
MUS0986L	Score Reading I	Music	3	Semester	78
MUS0987L	Score Reading II	Music	3	Semester	78
MUS0972L	Harmony at the Keyboard I	Music	3	Semester	78
MUS0973L	Harmony at the Keyboard II	Music	3	Semester	78
MUS0988L	Music and Technology I	Music	3	Semester	78
MUS0989L	Music and Technology II	Music	3	Semester	78
MUS0990L	Electroacoustic Music I	Music	3	Semester	78
MUS0991L	Electroacoustic Music II	Music	3	Semester	78
MUS0992L	Electroacoustic Music III	Music	3	Semester	78
MUS0993L	Electroacoustic Music IV	Music	3	Semester	78
MUS1000L	Performance Practice I	Music	3	Semester	78
MUS1001L	Performance Practice II	Music	3	Semester	78
MUS1917L	Fundamentals of Orchestration I	Music	3	Semester	78
MUS1918L	Fundamentals of Orchestration II	Music	3	Semester	78
MUS1919L	Creativity and Improvisation I	Music	3	Semester	78
MUS1920L	Creativity and Improvisation II	Music	3	Semester	78
MUS1921L	Keyboard Technique Lab I	Music	3	Semester	78
MUS1922L	Keyboard Technique Lab II	Music	3	Semester	78
MUS1923L	Vocal Technique Lab I	Music	3	Semester	78
MUS1924L	Vocal Technique Lab II	Music	3	Semester	78



**3rd Year - 5th Semester  
Specialization Jazz**

Component code	Name	Scientific Area Field	ECTS	Duration	Hours
<b>*** TRANSLATE ME:UC's do 3º Ano de recuperação no 5º semestre ***</b>					
Component code	Name	Scientific Area Field	ECTS	Duration	Hours
MUS1955L	* Jazz Instrument VI	Music	10	Semester	260
MUS11885L	* Ensemble VI	Music	6	Semester	156

**3rd Year - 6th Semester  
Specialization Jazz**

Component code	Name	Scientific Area Field	ECTS	Duration	Hours
MUS1955L	Jazz Instrument VI	Music	10	Semester	260
MUS11885L	Ensemble VI	Music	6	Semester	156
MUS1957L	Jazz Arrangment Techniques II	Music	5	Semester	130
MUS1958L	Studio and Production Seminar II	Music	3	Semester	78



3rd Year - 6th Semester  
Specialization Jazz

Component code	Name	Scientific Area Field	ECTS	Duration	Hours
<b>Group of Options</b>					
Component code	Name	Scientific Area Field	ECTS	Duration	Hours
MUS0974L	History of the Western Notations	Musicology	5	Semester	156
MUS1022L	Organology II	Musicology	5	Semester	156
MUS1026L	Sociology of Music II	Musicology	5	Semester	156
MUS2701L	Choir V	Music	3	Semester	78
MUS2702L	Choir VI	Music	3	Semester	78
MUS1915L	Introduction to Composition I	Music	3	Semester	78
MUS1916L	Introduction to Composition II	Music	3	Semester	78
MUS1005L	Music Acoustics	Musicology	3	Semester	78
MUS1023L	Psico-acoustics I	Musicology	3	Semester	78
MUS1024L	Psico-acoustics II	Musicology	3	Semester	78
MUS0986L	Score Reading I	Music	3	Semester	78
MUS0987L	Score Reading II	Music	3	Semester	78
MUS0972L	Harmony at the Keyboard I	Music	3	Semester	78
MUS0973L	Harmony at the Keyboard II	Music	3	Semester	78
MUS0988L	Music and Technology I	Music	3	Semester	78
MUS0989L	Music and Technology II	Music	3	Semester	78
MUS0990L	Electroacoustic Music I	Music	3	Semester	78
MUS0991L	Electroacoustic Music II	Music	3	Semester	78
MUS0992L	Electroacoustic Music III	Music	3	Semester	78
MUS0993L	Electroacoustic Music IV	Music	3	Semester	78
MUS1000L	Performance Practice I	Music	3	Semester	78
MUS1001L	Performance Practice II	Music	3	Semester	78
MUS1917L	Fundamentals of Orchestration I	Music	3	Semester	78
MUS1918L	Fundamentals of Orchestration II	Music	3	Semester	78
MUS1919L	Creativity and Improvisation I	Music	3	Semester	78
MUS1920L	Creativity and Improvisation II	Music	3	Semester	78
MUS1921L	Keyboard Technique Lab I	Music	3	Semester	78
MUS1922L	Keyboard Technique Lab II	Music	3	Semester	78
MUS1923L	Vocal Technique Lab I	Music	3	Semester	78
MUS1924L	Vocal Technique Lab II	Music	3	Semester	78





### 3rd Year - 6th Semester Specialization Jazz

Component code	Name	Scientific Area Field	ECTS	Duration	Hours
<b>*** TRANSLATE ME:UC's do 3º Ano de recuperação no 6º semestre ***</b>					
Component code	Name	Scientific Area Field	ECTS	Duration	Hours
MUS1951L	* Jazz Instrument V	Music	10	Semester	260
MUS11884L	* Ensemble V	Music	6	Semester	156

### Conditions for obtaining the Degree:

\*\*\* TRANSLATE ME: Para obtenção do grau de licenciado em Música &ndash; Ramo de Jazz é necessário obter aprovação a 144 a 150 ECTS em unidades de curriculares obrigatórias e 30 a 36 ECTS em unidades curriculares optativas distribuídas da seguinte forma:

1º Ano

1º Semestre:

4 UC Obrigatórias num total de 24 ECTS

1 UC Optativas Alternativas num total de 3 ECTS

UC Opção livre num total de 3 ECTS

2º Semestre

4 UC Obrigatórias num total de 24 ECTS

1 UC Optativas Alternativas num total de 3 ECTS

UC Opção livre num total de 3 ECTS

2º Ano

3º Semestre

3 UC Obrigatórias num total de 21 ECTS

1 UC Obrigatórias ou UC opção Livre num total de 3 ECTS

UC Opção livre num total de 6 ECTS

4º Semestre

3 UC Obrigatórias num total de 21 ECTS

1 UC Obrigatórias ou UC opção Livre num total de 3 ECTS

UC Opção livre num total de 6 ECTS

3º Ano

5º Semestre

4 UC Obrigatórias num total de 24 ECTS

UC Opção livre num total de 6 ECTS

6º Semestre

4 UC Obrigatórias num total de 24 ECTS

UC Opção livre num total de 6 ECTS

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### Specialization Composition

#### 1st Year - 1st Semester Specialization Composition

Component code	Name	Scientific Area Field	ECTS	Duration	Hours
MUS0952L	Composition I	Music	10	Semester	260
MUS0994L	Orchestration I	Music	6	Semester	156
MUS0944L	Music Analysis I	Music	5	Semester	130
MUS2697L	Choir I	Music	3	Semester	78

#### Alternative Curricular Units

Component code	Name	Scientific Area Field	ECTS	Duration	Hours
MUS0970L	Ear Training I	Music	3	Semester	78
MUS1909L	Ear Training III	Music	3	Semester	78



1st Year - 1st Semester  
Specialization Composition

Component code	Name	Scientific Area Field	ECTS	Duration	Hours
<b>Group of Options</b>					
Component code	Name	Scientific Area Field	ECTS	Duration	Hours
MUS0974L	History of the Western Notations	Musicology	5	Semester	156
MUS1022L	Organology II	Musicology	5	Semester	156
MUS1026L	Sociology of Music II	Musicology	5	Semester	156
MUS2701L	Choir V	Music	3	Semester	78
MUS2702L	Choir VI	Music	3	Semester	78
MUS1915L	Introduction to Composition I	Music	3	Semester	78
MUS1916L	Introduction to Composition II	Music	3	Semester	78
MUS1005L	Music Acoustics	Musicology	3	Semester	78
MUS1023L	Psico-acoustics I	Musicology	3	Semester	78
MUS1024L	Psico-acoustics II	Musicology	3	Semester	78
MUS0986L	Score Reading I	Music	3	Semester	78
MUS0987L	Score Reading II	Music	3	Semester	78
MUS0972L	Harmony at the Keyboard I	Music	3	Semester	78
MUS0973L	Harmony at the Keyboard II	Music	3	Semester	78
MUS0988L	Music and Technology I	Music	3	Semester	78
MUS0989L	Music and Technology II	Music	3	Semester	78
MUS0990L	Electroacoustic Music I	Music	3	Semester	78
MUS0991L	Electroacoustic Music II	Music	3	Semester	78
MUS0992L	Electroacoustic Music III	Music	3	Semester	78
MUS0993L	Electroacoustic Music IV	Music	3	Semester	78
MUS1000L	Performance Practice I	Music	3	Semester	78
MUS1001L	Performance Practice II	Music	3	Semester	78
MUS1917L	Fundamentals of Orchestration I	Music	3	Semester	78
MUS1918L	Fundamentals of Orchestration II	Music	3	Semester	78
MUS1919L	Creativity and Improvisation I	Music	3	Semester	78
MUS1920L	Creativity and Improvisation II	Music	3	Semester	78
MUS1921L	Keyboard Technique Lab I	Music	3	Semester	78
MUS1922L	Keyboard Technique Lab II	Music	3	Semester	78
MUS1923L	Vocal Technique Lab I	Music	3	Semester	78
MUS1924L	Vocal Technique Lab II	Music	3	Semester	78

\* recovery



**1st Year - 1st Semester  
Specialization Composition**

Component code	Name	Scientific Area Field	ECTS	Duration	Hours
<b>*** TRANSLATE ME:UC's do 1º Ano de recuperação no 1º semestre ***</b>					
Component code	Name	Scientific Area Field	ECTS	Duration	Hours
MUS0953L	* Composition II	Music	10	Semester	260

**1st Year - 2nd Semester  
Specialization Composition**

Component code	Name	Scientific Area Field	ECTS	Duration	Hours
MUS0953L	Composition II	Music	10	Semester	260
MUS0995L	Orchestration II	Music	6	Semester	156
MUS0945L	Music Analysis II	Music	5	Semester	130
MUS2698L	Choir II	Music	3	Semester	78
<b>Alternative Curricular Units</b>					
Component code	Name	Scientific Area Field	ECTS	Duration	Hours
MUS0971L	Ear Training II	Music	3	Semester	78
MUS1910L	Ear Training IV	Music	3	Semester	78



1st Year - 2nd Semester  
Specialization Composition

Component code	Name	Scientific Area Field	ECTS	Duration	Hours
<b>Group of Options</b>					
Component code	Name	Scientific Area Field	ECTS	Duration	Hours
MUS0974L	History of the Western Notations	Musicology	5	Semester	156
MUS1022L	Organology II	Musicology	5	Semester	156
MUS1026L	Sociology of Music II	Musicology	5	Semester	156
MUS2701L	Choir V	Music	3	Semester	78
MUS2702L	Choir VI	Music	3	Semester	78
MUS1915L	Introduction to Composition I	Music	3	Semester	78
MUS1916L	Introduction to Composition II	Music	3	Semester	78
MUS1005L	Music Acoustics	Musicology	3	Semester	78
MUS1023L	Psico-acoustics I	Musicology	3	Semester	78
MUS1024L	Psico-acoustics II	Musicology	3	Semester	78
MUS0986L	Score Reading I	Music	3	Semester	78
MUS0987L	Score Reading II	Music	3	Semester	78
MUS0972L	Harmony at the Keyboard I	Music	3	Semester	78
MUS0973L	Harmony at the Keyboard II	Music	3	Semester	78
MUS0988L	Music and Technology I	Music	3	Semester	78
MUS0989L	Music and Technology II	Music	3	Semester	78
MUS0990L	Electroacoustic Music I	Music	3	Semester	78
MUS0991L	Electroacoustic Music II	Music	3	Semester	78
MUS0992L	Electroacoustic Music III	Music	3	Semester	78
MUS0993L	Electroacoustic Music IV	Music	3	Semester	78
MUS1000L	Performance Practice I	Music	3	Semester	78
MUS1001L	Performance Practice II	Music	3	Semester	78
MUS1917L	Fundamentals of Orchestration I	Music	3	Semester	78
MUS1918L	Fundamentals of Orchestration II	Music	3	Semester	78
MUS1919L	Creativity and Improvisation I	Music	3	Semester	78
MUS1920L	Creativity and Improvisation II	Music	3	Semester	78
MUS1921L	Keyboard Technique Lab I	Music	3	Semester	78
MUS1922L	Keyboard Technique Lab II	Music	3	Semester	78
MUS1923L	Vocal Technique Lab I	Music	3	Semester	78
MUS1924L	Vocal Technique Lab II	Music	3	Semester	78

\* recovery



**1st Year - 2nd Semester  
Specialization Composition**

Component code	Name	Scientific Area Field	ECTS	Duration	Hours
<b>*** TRANSLATE ME:UC's do 1º Ano de recuperação no 2º semestre ***</b>					
Component code	Name	Scientific Area Field	ECTS	Duration	Hours
MUS0952L	* Composition I	Music	10	Semester	260

**2nd Year - 3rd Semester  
Specialization Composition**

Component code	Name	Scientific Area Field	ECTS	Duration	Hours
MUS0954L	Composition III	Music	10	Semester	260
MUS0996L	Orchestration III	Music	6	Semester	156
MUS0946L	Musical Analysis III	Music	5	Semester	130
MUS2699L	Choir III	Music	3	Semester	78



2nd Year - 3rd Semester  
Specialization Composition

Component code	Name	Scientific Area Field	ECTS	Duration	Hours
<b>Group of Options</b>					
Component code	Name	Scientific Area Field	ECTS	Duration	Hours
MUS0974L	History of the Western Notations	Musicology	5	Semester	156
MUS1022L	Organology II	Musicology	5	Semester	156
MUS1026L	Sociology of Music II	Musicology	5	Semester	156
MUS2701L	Choir V	Music	3	Semester	78
MUS2702L	Choir VI	Music	3	Semester	78
MUS1915L	Introduction to Composition I	Music	3	Semester	78
MUS1916L	Introduction to Composition II	Music	3	Semester	78
MUS1005L	Music Acoustics	Musicology	3	Semester	78
MUS1023L	Psico-acoustics I	Musicology	3	Semester	78
MUS1024L	Psico-acoustics II	Musicology	3	Semester	78
MUS0986L	Score Reading I	Music	3	Semester	78
MUS0987L	Score Reading II	Music	3	Semester	78
MUS0972L	Harmony at the Keyboard I	Music	3	Semester	78
MUS0973L	Harmony at the Keyboard II	Music	3	Semester	78
MUS0988L	Music and Technology I	Music	3	Semester	78
MUS0989L	Music and Technology II	Music	3	Semester	78
MUS0990L	Electroacoustic Music I	Music	3	Semester	78
MUS0991L	Electroacoustic Music II	Music	3	Semester	78
MUS0992L	Electroacoustic Music III	Music	3	Semester	78
MUS0993L	Electroacoustic Music IV	Music	3	Semester	78
MUS1000L	Performance Practice I	Music	3	Semester	78
MUS1001L	Performance Practice II	Music	3	Semester	78
MUS1917L	Fundamentals of Orchestration I	Music	3	Semester	78
MUS1918L	Fundamentals of Orchestration II	Music	3	Semester	78
MUS1919L	Creativity and Improvisation I	Music	3	Semester	78
MUS1920L	Creativity and Improvisation II	Music	3	Semester	78
MUS1921L	Keyboard Technique Lab I	Music	3	Semester	78
MUS1922L	Keyboard Technique Lab II	Music	3	Semester	78
MUS1923L	Vocal Technique Lab I	Music	3	Semester	78
MUS1924L	Vocal Technique Lab II	Music	3	Semester	78



2nd Year - 3rd Semester  
Specialization Composition

Component code	Name	Scientific Area Field	ECTS	Duration	Hours
<b>*** TRANSLATE ME:Formação Auditiva III ou Opção Livre ***</b>					
Component code	Name	Scientific Area Field	ECTS	Duration	Hours
MUS1909L	Ear Training III	Music	3	Semester	78
<b>*** TRANSLATE ME:Optativa livre ***</b>					
<b>*** TRANSLATE ME:UC's do 2º Ano de recuperação no 3º semestre ***</b>					
Component code	Name	Scientific Area Field	ECTS	Duration	Hours
MUS0955L	* Composition IV	Music	10	Semester	260

2nd Year - 4th Semester  
Specialization Composition

Component code	Name	Scientific Area Field	ECTS	Duration	Hours
MUS0955L	Composition IV	Music	10	Semester	260
MUS0997L	Orchestration IV	Music	6	Semester	156
MUS0947L	Musical Analysis IV	Music	5	Semester	130
MUS2700L	Choir IV	Music	3	Semester	78



2nd Year - 4th Semester  
Specialization Composition

Component code	Name	Scientific Area Field	ECTS	Duration	Hours
<b>Group of Options</b>					
Component code	Name	Scientific Area Field	ECTS	Duration	Hours
MUS0974L	History of the Western Notations	Musicology	5	Semester	156
MUS1022L	Organology II	Musicology	5	Semester	156
MUS1026L	Sociology of Music II	Musicology	5	Semester	156
MUS2701L	Choir V	Music	3	Semester	78
MUS2702L	Choir VI	Music	3	Semester	78
MUS1915L	Introduction to Composition I	Music	3	Semester	78
MUS1916L	Introduction to Composition II	Music	3	Semester	78
MUS1005L	Music Acoustics	Musicology	3	Semester	78
MUS1023L	Psico-acoustics I	Musicology	3	Semester	78
MUS1024L	Psico-acoustics II	Musicology	3	Semester	78
MUS0986L	Score Reading I	Music	3	Semester	78
MUS0987L	Score Reading II	Music	3	Semester	78
MUS0972L	Harmony at the Keyboard I	Music	3	Semester	78
MUS0973L	Harmony at the Keyboard II	Music	3	Semester	78
MUS0988L	Music and Technology I	Music	3	Semester	78
MUS0989L	Music and Technology II	Music	3	Semester	78
MUS0990L	Electroacoustic Music I	Music	3	Semester	78
MUS0991L	Electroacoustic Music II	Music	3	Semester	78
MUS0992L	Electroacoustic Music III	Music	3	Semester	78
MUS0993L	Electroacoustic Music IV	Music	3	Semester	78
MUS1000L	Performance Practice I	Music	3	Semester	78
MUS1001L	Performance Practice II	Music	3	Semester	78
MUS1917L	Fundamentals of Orchestration I	Music	3	Semester	78
MUS1918L	Fundamentals of Orchestration II	Music	3	Semester	78
MUS1919L	Creativity and Improvisation I	Music	3	Semester	78
MUS1920L	Creativity and Improvisation II	Music	3	Semester	78
MUS1921L	Keyboard Technique Lab I	Music	3	Semester	78
MUS1922L	Keyboard Technique Lab II	Music	3	Semester	78
MUS1923L	Vocal Technique Lab I	Music	3	Semester	78
MUS1924L	Vocal Technique Lab II	Music	3	Semester	78

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2nd Year - 4th Semester  
Specialization Composition

Component code	Name	Scientific Area Field	ECTS	Duration	Hours
<b>*** TRANSLATE ME:Formação Auditiva IV ou Optativa Livre ***</b>					
Component code	Name	Scientific Area Field	ECTS	Duration	Hours
MUS1910L	Ear Training IV	Music	3	Semester	78
*** TRANSLATE ME:Optativa livre ***					
<b>*** TRANSLATE ME:UC's do 2º Ano de recuperação no 4º semestre ***</b>					
Component code	Name	Scientific Area Field	ECTS	Duration	Hours
MUS0954L	* Composition III	Music	10	Semester	260

3rd Year - 5th Semester  
Specialization Composition

Component code	Name	Scientific Area Field	ECTS	Duration	Hours
MUS0956L	Composition V	Music	10	Semester	260
MUS0998L	Orchestration V	Music	6	Semester	156
MUS0948L	Musical Analysis V	Music	5	Semester	130
MUS1913L	Contemporary Aesthetics I	Musicology	3	Semester	78



3rd Year - 5th Semester  
Specialization Composition

Component code	Name	Scientific Area Field	ECTS	Duration	Hours
<b>Group of Options</b>					
Component code	Name	Scientific Area Field	ECTS	Duration	Hours
MUS0974L	History of the Western Notations	Musicology	5	Semester	156
MUS1022L	Organology II	Musicology	5	Semester	156
MUS1026L	Sociology of Music II	Musicology	5	Semester	156
MUS2701L	Choir V	Music	3	Semester	78
MUS2702L	Choir VI	Music	3	Semester	78
MUS1915L	Introduction to Composition I	Music	3	Semester	78
MUS1916L	Introduction to Composition II	Music	3	Semester	78
MUS1005L	Music Acoustics	Musicology	3	Semester	78
MUS1023L	Psico-acoustics I	Musicology	3	Semester	78
MUS1024L	Psico-acoustics II	Musicology	3	Semester	78
MUS0986L	Score Reading I	Music	3	Semester	78
MUS0987L	Score Reading II	Music	3	Semester	78
MUS0972L	Harmony at the Keyboard I	Music	3	Semester	78
MUS0973L	Harmony at the Keyboard II	Music	3	Semester	78
MUS0988L	Music and Technology I	Music	3	Semester	78
MUS0989L	Music and Technology II	Music	3	Semester	78
MUS0990L	Electroacoustic Music I	Music	3	Semester	78
MUS0991L	Electroacoustic Music II	Music	3	Semester	78
MUS0992L	Electroacoustic Music III	Music	3	Semester	78
MUS0993L	Electroacoustic Music IV	Music	3	Semester	78
MUS1000L	Performance Practice I	Music	3	Semester	78
MUS1001L	Performance Practice II	Music	3	Semester	78
MUS1917L	Fundamentals of Orchestration I	Music	3	Semester	78
MUS1918L	Fundamentals of Orchestration II	Music	3	Semester	78
MUS1919L	Creativity and Improvisation I	Music	3	Semester	78
MUS1920L	Creativity and Improvisation II	Music	3	Semester	78
MUS1921L	Keyboard Technique Lab I	Music	3	Semester	78
MUS1922L	Keyboard Technique Lab II	Music	3	Semester	78
MUS1923L	Vocal Technique Lab I	Music	3	Semester	78
MUS1924L	Vocal Technique Lab II	Music	3	Semester	78



**3rd Year - 5th Semester  
Specialization Composition**

Component code	Name	Scientific Area Field	ECTS	Duration	Hours
<b>*** TRANSLATE ME:UC's do 3º Ano de recuperação no 5º semestre ***</b>					
Component code	Name	Scientific Area Field	ECTS	Duration	Hours
MUS0957L	* Composition VI	Music	10	Semester	260

**3rd Year - 6th Semester  
Specialization Composition**

Component code	Name	Scientific Area Field	ECTS	Duration	Hours
MUS0957L	Composition VI	Music	10	Semester	260
MUS0999L	Orchestration VI	Music	6	Semester	156
MUS0949L	Musical Analysis VI	Music	5	Semester	130
MUS1914L	Contemporary Aesthetics II	Musicology	3	Semester	78



3rd Year - 6th Semester  
Specialization Composition

Component code	Name	Scientific Area Field	ECTS	Duration	Hours
<b>Group of Options</b>					
Component code	Name	Scientific Area Field	ECTS	Duration	Hours
MUS0974L	History of the Western Notations	Musicology	5	Semester	156
MUS1022L	Organology II	Musicology	5	Semester	156
MUS1026L	Sociology of Music II	Musicology	5	Semester	156
MUS2701L	Choir V	Music	3	Semester	78
MUS2702L	Choir VI	Music	3	Semester	78
MUS1915L	Introduction to Composition I	Music	3	Semester	78
MUS1916L	Introduction to Composition II	Music	3	Semester	78
MUS1005L	Music Acoustics	Musicology	3	Semester	78
MUS1023L	Psico-acoustics I	Musicology	3	Semester	78
MUS1024L	Psico-acoustics II	Musicology	3	Semester	78
MUS0986L	Score Reading I	Music	3	Semester	78
MUS0987L	Score Reading II	Music	3	Semester	78
MUS0972L	Harmony at the Keyboard I	Music	3	Semester	78
MUS0973L	Harmony at the Keyboard II	Music	3	Semester	78
MUS0988L	Music and Technology I	Music	3	Semester	78
MUS0989L	Music and Technology II	Music	3	Semester	78
MUS0990L	Electroacoustic Music I	Music	3	Semester	78
MUS0991L	Electroacoustic Music II	Music	3	Semester	78
MUS0992L	Electroacoustic Music III	Music	3	Semester	78
MUS0993L	Electroacoustic Music IV	Music	3	Semester	78
MUS1000L	Performance Practice I	Music	3	Semester	78
MUS1001L	Performance Practice II	Music	3	Semester	78
MUS1917L	Fundamentals of Orchestration I	Music	3	Semester	78
MUS1918L	Fundamentals of Orchestration II	Music	3	Semester	78
MUS1919L	Creativity and Improvisation I	Music	3	Semester	78
MUS1920L	Creativity and Improvisation II	Music	3	Semester	78
MUS1921L	Keyboard Technique Lab I	Music	3	Semester	78
MUS1922L	Keyboard Technique Lab II	Music	3	Semester	78
MUS1923L	Vocal Technique Lab I	Music	3	Semester	78
MUS1924L	Vocal Technique Lab II	Music	3	Semester	78



### 3rd Year - 6th Semester Specialization Composition

Component code	Name	Scientific Area Field	ECTS	Duration	Hours
<b>*** TRANSLATE ME:UC's do 3º Ano de recuperação no 6º semestre ***</b>					
Component code	Name	Scientific Area Field	ECTS	Duration	Hours
MUS0956L	* Composition V	Music	10	Semester	260

### Conditions for obtaining the Degree:

\*\*\* TRANSLATE ME: Para obtenção do grau de licenciado em Música &ndash; Ramo de Composição é necessário obter aprovação a 150 a 156 ECTS em unidades curriculares obrigatórias e 24 a 30 ECTS em unidades curriculares optativas distribuídas da seguinte forma:

1º Ano  
1º Semestre:  
4 UC Obrigatórias num total de 24 ECTS  
1 UC Optativas Alternativas num total de 3 ECTS  
UC Opção livre num total de 3 ECTS  
2º Semestre  
4 UC Obrigatórias num total de 24 ECTS  
1 UC Optativas Alternativas num total de 3 ECTS  
UC Opção livre num total de 3 ECTS  
2º Ano  
3º Semestre  
4 UC Obrigatórias num total de 24 ECTS  
1 UC Obrigatórias ou UC opção Livre num total de 3 ECTS  
UC Opção livre num total de 3 ECTS  
4º Semestre  
4 UC Obrigatórias num total de 24 ECTS  
1 UC Obrigatórias ou UC opção Livre num total de 3 ECTS  
UC Opção livre num total de 3 ECTS  
3º Ano  
5º Semestre  
4 UC Obrigatórias num total de 24 ECTS  
UC Opção livre num total de 6 ECTS  
6º Semestre  
4 UC Obrigatórias num total de 24 ECTS  
UC Opção livre num total de 6 ECTS

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### Specialization Musicology

#### 1st Year - 1st Semester Specialization Musicology

Component code	Name	Scientific Area Field	ECTS	Duration	Hours
<b>Group of Options</b>					
Component code	Name	Scientific Area Field	ECTS	Duration	Hours
MUS1013L	Western Music History I	Musicology	6	Semester	156
MUS1014L	Western Music History II	Musicology	6	Semester	156
MUS1015L	Western Music History III	Musicology	6	Semester	156
MUS1016L	Western Music History IV	Musicology	6	Semester	156
MUS1017L	Western Music History V	Non Available	6	Semester	156
MUS1018L	Western Music History VI	Musicology	6	Semester	156
MUS1019L	Western Music History VII	Musicology	6	Semester	156
MUS1020L	Western Music History VIII	Musicology	6	Semester	156
MUS1027L	Theory and Method of Historical Musicology	Musicology	6	Semester	156



**1st Year - 1st Semester  
Specialization Musicology**

Component code	Name	Scientific Area Field	ECTS	Duration	Hours
MUS0944L	Music Analysis I	Music	5	Semester	130
<b>Alternative Curricular Units</b>					
Component code	Name	Scientific Area Field	ECTS	Duration	Hours
MUS0970L	Ear Training I	Music	3	Semester	78
MUS1909L	Ear Training III	Music	3	Semester	78
MUS1008L	Ethnomusicology I	Musicology	5	Semester	130
MUS1025L	Sociology of Music I	Musicology	5	Semester	130

**1st Year - 2nd Semester  
Specialization Musicology**

Component code	Name	Scientific Area Field	ECTS	Duration	Hours
<b>Group of Options</b>					
Component code	Name	Scientific Area Field	ECTS	Duration	Hours
MUS1013L	Western Music History I	Musicology	6	Semester	156
MUS1014L	Western Music History II	Musicology	6	Semester	156
MUS1015L	Western Music History III	Musicology	6	Semester	156
MUS1016L	Western Music History IV	Musicology	6	Semester	156
MUS1017L	Western Music History V	Non Available	6	Semester	156
MUS1018L	Western Music History VI	Musicology	6	Semester	156
MUS1019L	Western Music History VII	Musicology	6	Semester	156
MUS1020L	Western Music History VIII	Musicology	6	Semester	156
MUS1010L	Portuguese Music History I	Musicology	6	Semester	156
MUS0945L	Music Analysis II	Music	5	Semester	130
<b>Alternative Curricular Units</b>					
Component code	Name	Scientific Area Field	ECTS	Duration	Hours
MUS0971L	Ear Training II	Music	3	Semester	78
MUS1910L	Ear Training IV	Music	3	Semester	78
MUS1009L	Ethnomusicology II	Musicology	5	Semester	130
MUS1021L	Organology I	Musicology	5	Semester	130



2nd Year - 3rd Semester  
Specialization Musicology

Component code	Name	Scientific Area Field	ECTS	Duration	Hours
<b>Group of Options</b>					
Component code	Name	Scientific Area Field	ECTS	Duration	Hours
MUS1013L	Western Music History I	Musicology	6	Semester	156
MUS1014L	Western Music History II	Musicology	6	Semester	156
MUS1015L	Western Music History III	Musicology	6	Semester	156
MUS1016L	Western Music History IV	Musicology	6	Semester	156
MUS1017L	Western Music History V	Non Available	6	Semester	156
MUS1018L	Western Music History VI	Musicology	6	Semester	156
MUS1019L	Western Music History VII	Musicology	6	Semester	156
MUS1020L	Western Music History VIII	Musicology	6	Semester	156
MUS1011L	History of Music in Portugal II	Musicology	6	Semester	156
MUS0946L	Musical Analysis III	Music	5	Semester	130
<b>*** TRANSLATE ME:Formação Auditiva III ou Opção Livre ***</b>					
Component code	Name	Scientific Area Field	ECTS	Duration	Hours
MUS1909L	Ear Training III	Music	3	Semester	78
*** TRANSLATE ME:Optativa livre ***					



2nd Year - 3rd Semester  
Specialization Musicology

Component code	Name	Scientific Area Field	ECTS	Duration	Hours
<b>Group of Options</b>					
Component code	Name	Scientific Area Field	ECTS	Duration	Hours
MUS0974L	History of the Western Notations	Musicology	5	Semester	156
MUS1022L	Organology II	Musicology	5	Semester	156
MUS1026L	Sociology of Music II	Musicology	5	Semester	156
MUS2701L	Choir V	Music	3	Semester	78
MUS2702L	Choir VI	Music	3	Semester	78
MUS1915L	Introduction to Composition I	Music	3	Semester	78
MUS1916L	Introduction to Composition II	Music	3	Semester	78
MUS1005L	Music Acoustics	Musicology	3	Semester	78
MUS1023L	Psico-acoustics I	Musicology	3	Semester	78
MUS1024L	Psico-acoustics II	Musicology	3	Semester	78
MUS0986L	Score Reading I	Music	3	Semester	78
MUS0987L	Score Reading II	Music	3	Semester	78
MUS0972L	Harmony at the Keyboard I	Music	3	Semester	78
MUS0973L	Harmony at the Keyboard II	Music	3	Semester	78
MUS0988L	Music and Technology I	Music	3	Semester	78
MUS0989L	Music and Technology II	Music	3	Semester	78
MUS0990L	Electroacoustic Music I	Music	3	Semester	78
MUS0991L	Electroacoustic Music II	Music	3	Semester	78
MUS0992L	Electroacoustic Music III	Music	3	Semester	78
MUS0993L	Electroacoustic Music IV	Music	3	Semester	78
MUS1000L	Performance Practice I	Music	3	Semester	78
MUS1001L	Performance Practice II	Music	3	Semester	78
MUS1917L	Fundamentals of Orchestration I	Music	3	Semester	78
MUS1918L	Fundamentals of Orchestration II	Music	3	Semester	78
MUS1919L	Creativity and Improvisation I	Music	3	Semester	78
MUS1920L	Creativity and Improvisation II	Music	3	Semester	78
MUS1921L	Keyboard Technique Lab I	Music	3	Semester	78
MUS1922L	Keyboard Technique Lab II	Music	3	Semester	78
MUS1923L	Vocal Technique Lab I	Music	3	Semester	78
MUS1924L	Vocal Technique Lab II	Music	3	Semester	78

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2nd Year - 3rd Semester  
Specialization Musicology

Component code	Name	Scientific Area Field	ECTS	Duration	Hours

2nd Year - 4th Semester  
Specialization Musicology

Component code	Name	Scientific Area Field	ECTS	Duration	Hours
<b>Group of Options</b>					
Component code	Name	Scientific Area Field	ECTS	Duration	Hours
MUS1013L	Western Music History I	Musicology	6	Semester	156
MUS1014L	Western Music History II	Musicology	6	Semester	156
MUS1015L	Western Music History III	Musicology	6	Semester	156
MUS1016L	Western Music History IV	Musicology	6	Semester	156
MUS1017L	Western Music History V	Non Available	6	Semester	156
MUS1018L	Western Music History VI	Musicology	6	Semester	156
MUS1019L	Western Music History VII	Musicology	6	Semester	156
MUS1020L	Western Music History VIII	Musicology	6	Semester	156
MUS1012L	Portuguese Music History III	Musicology	6	Semester	156
MUS0947L	Musical Analysis IV	Music	5	Semester	130
<b>*** TRANSLATE ME:Formação Auditiva IV ou Optativa Livre ***</b>					
Component code	Name	Scientific Area Field	ECTS	Duration	Hours
MUS1910L	Ear Training IV	Music	3	Semester	78
<b>*** TRANSLATE ME:Optativa livre ***</b>					



2nd Year - 4th Semester  
Specialization Musicology

Component code	Name	Scientific Area Field	ECTS	Duration	Hours
<b>Group of Options</b>					
Component code	Name	Scientific Area Field	ECTS	Duration	Hours
MUS0974L	History of the Western Notations	Musicology	5	Semester	156
MUS1022L	Organology II	Musicology	5	Semester	156
MUS1026L	Sociology of Music II	Musicology	5	Semester	156
MUS2701L	Choir V	Music	3	Semester	78
MUS2702L	Choir VI	Music	3	Semester	78
MUS1915L	Introduction to Composition I	Music	3	Semester	78
MUS1916L	Introduction to Composition II	Music	3	Semester	78
MUS1005L	Music Acoustics	Musicology	3	Semester	78
MUS1023L	Psico-acoustics I	Musicology	3	Semester	78
MUS1024L	Psico-acoustics II	Musicology	3	Semester	78
MUS0986L	Score Reading I	Music	3	Semester	78
MUS0987L	Score Reading II	Music	3	Semester	78
MUS0972L	Harmony at the Keyboard I	Music	3	Semester	78
MUS0973L	Harmony at the Keyboard II	Music	3	Semester	78
MUS0988L	Music and Technology I	Music	3	Semester	78
MUS0989L	Music and Technology II	Music	3	Semester	78
MUS0990L	Electroacoustic Music I	Music	3	Semester	78
MUS0991L	Electroacoustic Music II	Music	3	Semester	78
MUS0992L	Electroacoustic Music III	Music	3	Semester	78
MUS0993L	Electroacoustic Music IV	Music	3	Semester	78
MUS1000L	Performance Practice I	Music	3	Semester	78
MUS1001L	Performance Practice II	Music	3	Semester	78
MUS1917L	Fundamentals of Orchestration I	Music	3	Semester	78
MUS1918L	Fundamentals of Orchestration II	Music	3	Semester	78
MUS1919L	Creativity and Improvisation I	Music	3	Semester	78
MUS1920L	Creativity and Improvisation II	Music	3	Semester	78
MUS1921L	Keyboard Technique Lab I	Music	3	Semester	78
MUS1922L	Keyboard Technique Lab II	Music	3	Semester	78
MUS1923L	Vocal Technique Lab I	Music	3	Semester	78
MUS1924L	Vocal Technique Lab II	Music	3	Semester	78



2nd Year - 4th Semester  
Specialization Musicology

Component code	Name	Scientific Area Field	ECTS	Duration	Hours

3rd Year - 5th Semester  
Specialization Musicology

Component code	Name	Scientific Area Field	ECTS	Duration	Hours
<b>Group of Options</b>					
Component code	Name	Scientific Area Field	ECTS	Duration	Hours
MUS1013L	Western Music History I	Musicology	6	Semester	156
MUS1014L	Western Music History II	Musicology	6	Semester	156
MUS1015L	Western Music History III	Musicology	6	Semester	156
MUS1016L	Western Music History IV	Musicology	6	Semester	156
MUS1017L	Western Music History V	Non Available	6	Semester	156
MUS1018L	Western Music History VI	Musicology	6	Semester	156
MUS1019L	Western Music History VII	Musicology	6	Semester	156
MUS1020L	Western Music History VIII	Musicology	6	Semester	156
MUS1006L	Aesthetics of Music I	Musicology	5	Semester	130
MUS0948L	Musical Analysis V	Music	5	Semester	130



3rd Year - 5th Semester  
Specialization Musicology

Component code	Name	Scientific Area Field	ECTS	Duration	Hours
<b>Group of Options</b>					
Component code	Name	Scientific Area Field	ECTS	Duration	Hours
MUS0974L	History of the Western Notations	Musicology	5	Semester	156
MUS1022L	Organology II	Musicology	5	Semester	156
MUS1026L	Sociology of Music II	Musicology	5	Semester	156
MUS2701L	Choir V	Music	3	Semester	78
MUS2702L	Choir VI	Music	3	Semester	78
MUS1915L	Introduction to Composition I	Music	3	Semester	78
MUS1916L	Introduction to Composition II	Music	3	Semester	78
MUS1005L	Music Acoustics	Musicology	3	Semester	78
MUS1023L	Psico-acoustics I	Musicology	3	Semester	78
MUS1024L	Psico-acoustics II	Musicology	3	Semester	78
MUS0986L	Score Reading I	Music	3	Semester	78
MUS0987L	Score Reading II	Music	3	Semester	78
MUS0972L	Harmony at the Keyboard I	Music	3	Semester	78
MUS0973L	Harmony at the Keyboard II	Music	3	Semester	78
MUS0988L	Music and Technology I	Music	3	Semester	78
MUS0989L	Music and Technology II	Music	3	Semester	78
MUS0990L	Electroacoustic Music I	Music	3	Semester	78
MUS0991L	Electroacoustic Music II	Music	3	Semester	78
MUS0992L	Electroacoustic Music III	Music	3	Semester	78
MUS0993L	Electroacoustic Music IV	Music	3	Semester	78
MUS1000L	Performance Practice I	Music	3	Semester	78
MUS1001L	Performance Practice II	Music	3	Semester	78
MUS1917L	Fundamentals of Orchestration I	Music	3	Semester	78
MUS1918L	Fundamentals of Orchestration II	Music	3	Semester	78
MUS1919L	Creativity and Improvisation I	Music	3	Semester	78
MUS1920L	Creativity and Improvisation II	Music	3	Semester	78
MUS1921L	Keyboard Technique Lab I	Music	3	Semester	78
MUS1922L	Keyboard Technique Lab II	Music	3	Semester	78
MUS1923L	Vocal Technique Lab I	Music	3	Semester	78
MUS1924L	Vocal Technique Lab II	Music	3	Semester	78



**3rd Year - 5th Semester  
Specialization Musicology**

Component code	Name	Scientific Area Field	ECTS	Duration	Hours

**3rd Year - 6th Semester  
Specialization Musicology**

Component code	Name	Scientific Area Field	ECTS	Duration	Hours
<b>Group of Options</b>					
Component code	Name	Scientific Area Field	ECTS	Duration	Hours
MUS1013L	Western Music History I	Musicology	6	Semester	156
MUS1014L	Western Music History II	Musicology	6	Semester	156
MUS1015L	Western Music History III	Musicology	6	Semester	156
MUS1016L	Western Music History IV	Musicology	6	Semester	156
MUS1017L	Western Music History V	Non Available	6	Semester	156
MUS1018L	Western Music History VI	Musicology	6	Semester	156
MUS1019L	Western Music History VII	Musicology	6	Semester	156
MUS1020L	Western Music History VIII	Musicology	6	Semester	156
MUS1007L	Aesthetics of Music II	Musicology	5	Semester	130
MUS0949L	Musical Analysis VI	Music	5	Semester	130



3rd Year - 6th Semester  
Specialization Musicology

Component code	Name	Scientific Area Field	ECTS	Duration	Hours
<b>Group of Options</b>					
Component code	Name	Scientific Area Field	ECTS	Duration	Hours
MUS0974L	History of the Western Notations	Musicology	5	Semester	156
MUS1022L	Organology II	Musicology	5	Semester	156
MUS1026L	Sociology of Music II	Musicology	5	Semester	156
MUS2701L	Choir V	Music	3	Semester	78
MUS2702L	Choir VI	Music	3	Semester	78
MUS1915L	Introduction to Composition I	Music	3	Semester	78
MUS1916L	Introduction to Composition II	Music	3	Semester	78
MUS1005L	Music Acoustics	Musicology	3	Semester	78
MUS1023L	Psico-acoustics I	Musicology	3	Semester	78
MUS1024L	Psico-acoustics II	Musicology	3	Semester	78
MUS0986L	Score Reading I	Music	3	Semester	78
MUS0987L	Score Reading II	Music	3	Semester	78
MUS0972L	Harmony at the Keyboard I	Music	3	Semester	78
MUS0973L	Harmony at the Keyboard II	Music	3	Semester	78
MUS0988L	Music and Technology I	Music	3	Semester	78
MUS0989L	Music and Technology II	Music	3	Semester	78
MUS0990L	Electroacoustic Music I	Music	3	Semester	78
MUS0991L	Electroacoustic Music II	Music	3	Semester	78
MUS0992L	Electroacoustic Music III	Music	3	Semester	78
MUS0993L	Electroacoustic Music IV	Music	3	Semester	78
MUS1000L	Performance Practice I	Music	3	Semester	78
MUS1001L	Performance Practice II	Music	3	Semester	78
MUS1917L	Fundamentals of Orchestration I	Music	3	Semester	78
MUS1918L	Fundamentals of Orchestration II	Music	3	Semester	78
MUS1919L	Creativity and Improvisation I	Music	3	Semester	78
MUS1920L	Creativity and Improvisation II	Music	3	Semester	78
MUS1921L	Keyboard Technique Lab I	Music	3	Semester	78
MUS1922L	Keyboard Technique Lab II	Music	3	Semester	78
MUS1923L	Vocal Technique Lab I	Music	3	Semester	78
MUS1924L	Vocal Technique Lab II	Music	3	Semester	78



### 3rd Year - 6th Semester Specialization Musicology

Component code	Name	Scientific Area Field	ECTS	Duration	Hours

#### Conditions for obtaining the Degree:

\*\*\* TRANSLATE ME: Para obtenção do grau de licenciado em Música &ndash; Ramo de Musicologia é necessário obter aprovação a 126 a 132 ECTS em unidades curriculares obrigatórias, sendo obrigatoriamente seis das oito unidades curriculares do conjunto de opções condicionadas (36 unidades de ECTS) e 48 a 54 ECTS em unidades curriculares de opção livre, ou em unidades curriculares de opção condicionada além do número obrigatório, distribuídas da seguinte forma:

1º Ano

1º Semestre:

4 UC Obrigatórias num total de 21 ECTS

1 UC Obrigatória Alternativas num total de 3 ECTS

1 UC Opção Condicionada ou uma optativa livre num total de 6 ECTS

2º Semestre

4 UC Obrigatórias num total de 21 ECTS

1 UC Obrigatória Alternativas num total de 3 ECTS

1 UC Opção Condicionada ou uma optativa livre num total de 6 ECTS

2º Ano

3º Semestre

2 UC Obrigatórias num total de 11 ECTS

1 UC Obrigatórias ou UC opção Livre num total de 3 ECTS

UC Opção Condicionada ou uma optativa livre num total de 6 ECTS

UC Opção livre num total de 10 ECTS

4º Semestre

2 UC Obrigatórias num total de 11 ECTS

1 UC Obrigatórias ou UC opção Livre num total de 3 ECTS

UC Opção Condicionada ou uma optativa livre num total de 6 ECTS

UC Opção livre num total de 10 ECTS

3º Ano

5º Semestre

2 UC Obrigatórias num total de 10 ECTS

UC Opção Condicionada ou uma optativa livre num total de 6 ECTS

UC Opção livre num total de 14 ECTS

6º Semestre

2 UC Obrigatórias num total de 10 ECTS

UC Opção Condicionada ou uma optativa livre num total de 6 ECTS

UC Opção livre num total de 14 ECTS \*\*\*



## Conditions for obtaining the Degree:

\*\*\* TRANSLATE ME:

Música

Para obtenção do grau de licenciado em Musica é necessário obter a aprovação a 180 ECTS.

A licenciatura em Música divide-se em quatro ramos:

Interpretação: 132-144 ECTS em unidades curriculares obrigatórias e 36-48 ECTS em unidades optativas lecionadas como obrigatórias ou optativas:

1º Ano

1º Semestre:

4 UC obrigatórias num total de 24 ECTS

Opções num total de 6 ECTS

2º Semestre:

4 UC obrigatórias num total de 24 ECTS

Opções num total de 6 ECTS

2º Ano

3º Semestre

4 UC obrigatórias num total de 24 ECTS

Opções num total de 6 ECTS

4º Semestre

4 UC obrigatórias num total de 24 ECTS

Opções num total de 6 ECTS

3º Ano

5º Semestre

4 UC obrigatórias num total de 24 ECTS

Opções num total de 6 ECTS

6º Semestre

4 UC obrigatórias num total de 24 ECTS

Opções num total de 6 ECTS

Jazz: 144-150 ECTS em unidades curriculares obrigatórias e 30-36 ECTS em unidades optativas lecionadas como obrigatórias ou optativas:

1º Ano

1º Semestre:

5 UC obrigatórias num total de 27 ECTS

Opções num total de 3 ECTS

2º Semestre:

5 UC obrigatórias num total de 27 ECTS

Opções num total de 3 ECTS

2º Ano

3º Semestre

4 UC obrigatórias num total de 24 ECTS

Opções num total de 6 ECTS

4º Semestre

4 UC obrigatórias num total de 24 ECTS

Opções num total de 6 ECTS

3º Ano

5º Semestre

4 UC obrigatórias num total de 24 ECTS

Opções num total de 6 ECTS

6º Semestre

4 UC obrigatórias num total de 24 ECTS

Opções num total de 6 ECTS

\* recovery

Composição: 150-156 ECTS em unidades curriculares obrigatórias e 24-30 ECTS em unidades optativas lecionadas como obrigatórias ou optativas:

1º Ano

1º Semestre:

5 UC obrigatórias num total de 27 ECTS





## Program Contents

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### **Musical Instrument I (MUS0976L)**

Study (and subsequent public presentation) of specific works of the instrumental/vocal repertoire, excluding orchestral excerpts; the individual program for each student will be devised by the teacher in the beginning of the semester, bearing in mind his/her specific aptitudes, general development and technical/artistic maturity.

Organization of complementary activities (thematic seminars, public presentations, valorization, extension and communication projects), when pertaining.

Specific bibliographical revision.

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### **Vocal and Instrumental Ensemble I (MUS11712L)**

Choir(Prof.Yan Mirkítumov)

The choir repertoire is chosen for study some specific opus, as follows:

A cappella choir for 4 voices from baroque until modern repertoire through the classical.

Vocal-symphonic works with orchestra, one program pro year.

Choir jazz(Prof.João Lucena e Vale)

The choir studying works of music hall and Broadway style for one voice and choir or small choir.

Orquestra (Prof.Doutor C.Bochmann)

Parts of symphonies and first view.

Orquestra (Prof. Hugo Assunção)

The repertoire indicates important work for winds orchestra and transcriptions, and also most well known parts of symphonic works.

Guitar ensemble (Prof.Gonçalo Gouveia)

Original repertoire for Great ensemble of guitar and also transcriptions for the same from baroque and classical period.

Jazz orchestra (Prof.Claus Nymark)

The repertoire to be study is from the classical period of 1930/40 and also the modern and contemporary repertoire.

Chamber music ( duo to more elements in a group)

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### **Music Analysis I (MUS0944L)**

- Principles of the Tonal System
- Formal Approaches to Analysis
- Distributional Analysis
- Set-theoretical analysis
- Schenkerian Analysis
- Psychological Approaches to Analysis

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### **Ear Training I (MUS0970L)**

Recognize melodies

Recognize counterpoints at two and three voices.

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### **Ear Training III (MUS1909L)**

- Chord progressions using chords in root position;
- Chord progressions using chords in root position as well as in first and second inversions.
- Three-part dictation exercises in a variety of musical styles.



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### **Organology II (MUS1022L)**

- History of the study of musical instruments.
- Classification Systems of instruments.
- Collections of instruments.
- Main historical transformations of western instruments.
- Case studies: instruments and/or families.
- Historical and popular Iberian musical instruments

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### **Sociology of Music II (MUS1026L)**

- Musical performance (concert) as social fact: inter-action and identity
- Contexts of creation/production, mediation and reception.
- Models and cultural practices with music.
- Mass culture and globalization

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### **Choir V (MUS2701L)**

Repertory: Works of short duration (up to 5 min.) for choir a cappella (4 voices). The program encompasses works from different periods in the history of music: from Renaissance (eg. C. Monteverdi, H. Hasler, J.S. Bach) until the twentieth-century music (eg: F. Poulenc, P. Hindemith, A. de Klerk), but with emphasis on the classical period. Works for chorus and orchestra (eg: Masses of Mozart, Schubert, "Requiem" Faure, etc.) The repertoire is included in the programs presented to the public in the concerts and performed with or without orchestral accompaniment.

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### **Choir VI (MUS2702L)**

Repertory: Works of short duration (up to 5 min.) for choir a cappella (4 voices). The program encompasses works from different periods in the history of music: from Renaissance (eg. C. Monteverdi, H. Hasler, J.S. Bach) until the twentieth-century music (eg: F. Poulenc, P. Hindemith, A. de Klerk), but with emphasis on the classical period. Works for chorus and orchestra (eg: Masses of Mozart, Schubert, "Requiem" Faure, etc.) The repertoire is included in the programs presented to the public in the concerts and performed with or without orchestral accompaniment.

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### **Introduction to Composition I (MUS1915L)**

Small exercises for solo instruments and instrumental groups by the teacher's choice.

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### **Introduction to Composition II (MUS1916L)**

Small exercises for solo instruments and instrumental groups by the teacher's choice.

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### **Music Acoustics (MUS1005L)**

- Introduction to the History of Acoustics
- Fundamental concepts of acoustics: generation, propagation and reception of mechanical waves and vibrations.
- Wave propagation: pressure levels
- Frequency
- Sound inter-actions
- Architectural acoustics (concert and opera halls)
- Electronic representations of sound: analogical and digital



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**Psico-acoustics I (MUS1023L)**

- Human ear
- Vocal apparatus
- Perception of sound: pitch, loudness, sound localization, limits.

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**Psico-acoustics II (MUS1024L)**

- Perception of sound:
  - pitch,
  - loudness,
  - sound localization,
  - limits.
- Architectural acoustics (concert halls)

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**Score Reading I (MUS0986L)**

- Seven Clefs
- Three-part homophonic writing
- Three-part polyphonic writing
- Four-part homophonic writing
- Four-part polyphonic writing

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**Score Reading II (MUS0987L)**

- Transposing instruments
- Reading orchestral scores

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**Harmony at the Keyboard I (MUS0972L)**

- Figured bass exercises
- Simple harmonic progressions exercises
- Harmonic progressions employing secondary dominants exercises

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**Harmony at the Keyboard II (MUS0973L)**

- Figured bass exercises
- Harmonization of melodies
- Harmonic progressions exercises employing altered chords;
- Modulations to remote keys.



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### **Music and Technology I (MUS0988L)**

- Chronology and evolution of audio media
- Gramophone to the vinyl
- From vinyl to tape
- From tape to current digital systems
- Current digital systems
- Internet and mobile devices
- Compressed Systems
- Advantages and disadvantages of compression
- Digital Techniques applied to compression formats
- Systems to support communications technologies
- Telephone and Mobile
- VOIP Systems
- HiFi Systems
- Home Cinema / Home Theatre / Hi-fi
- Multichannel Systems
- DTS (different types)
- Digital Dolbi

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### **Music and Technology II (MUS0989L)**

- Sound synthesis evolution
- Introduction to sound synthesis
- Analog and digital synths
- Additive and subtractive synthesis, physical modeling, granular, FM and modal
- Sample
- Invention / Transformation of the instrument by technology
- State of the art technology
- Recording Studio
- Live Recording
- Home-recording
- Major lines of research & development
- Technologies
- Schools
- Researchers
- Discussion Sessions in room on trends and scenarios developments in emerging technologies

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### **Electroacoustic Music I (MUS0990L)**

- Transcribing scores for music software;
- Sound synthesis exercises;
- Sound editing, mixing and montage with different computer software.

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### **Electroacoustic Music II (MUS0991L)**

- Study the works of the electro acoustic music repertoire;
- Develop techniques of sound manipulation;
- Sound editing, mixing and montage with different computer software.



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### **Electroacoustic Music III (MUS0992L)**

Introduction to Sound Synthesis Techniques: Additive synthesis, AM synthesis, FM synthesis and granular synthesis.

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### **Electroacoustic Music IV (MUS0993L)**

- Introduction to programming techniques in Max / Msp.
- Development the electro acoustic musical techniques in real time with Max / Msp.

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### **Performance Practice I (MUS1000L)**

The syllabus, mostly of a practical nature, focuses on the interpretation of works from the repertoire of the chosen period, for solo instruments and small chamber ensembles, from an esthetic, technical and interpretative standpoint. Representative works of different genres, such as suite, sonata, toccata, aria, duo, trio, quartet, will be worked upon according to principles of historically informed performance:

- notation of accents and dynamic markings, and their interpretation
- articulation, phrasing and expressivity for different instrumental families (winds, strings, keyboard instruments, voice)
- choice of tempo and movement in baroque and classical repertoires; tempo and character in the dances of the suite and others genres of instrumental baroque and classical music; relationship between tempo and rhythmic notation in fast, moderate and slow movements; tempo changes: rubato and rhythmic variability
- ornamentation and improvisation: appoggiaturas, trills, turns, cadences.

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### **Performance Practice II (MUS1001L)**

The syllabus, mostly of a practical nature, focuses on the interpretation of works from the repertoire of the chosen period, for solo instruments and small chamber ensembles, from an esthetic, technical and interpretative standpoint. Representative works of different genres, such as sonata, programmatic works, lieder, mélodies, will be worked upon according to principles of historically informed performance:

- notation of accents and dynamic markings, and their interpretation
- articulation, phrasing and expressivity for different instrumental families (winds, strings, keyboard instruments, voice)
- choice of tempo and movement in romantic and modern repertoires; tempo and character in the genres of instrumental romantic and modern music; the impact of the metronome; tempo changes: rubato and rhythmic variability
- evolution of ornamentation practices: appoggiaturas, trills, turns.

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### **Fundamentals of Orchestration I (MUS1917L)**

Bowed string instruments:

- General characteristics;
- Individual characteristics;
- Cadential chords and double stops;
- Bowing, articulation, harmonics, coloristic effects, special indications.

Analysis of representative orchestrations, with particular emphasis on strings but not forgetting the winds.

Scoring for string orchestra. It's the writing itself which allows students to understand not only the best acoustic arrangement of the chord, but especially the physical limits of the instruments;

Study the compositional features in the orchestration: Where to write the theme; where to write the bass; how to treat the accompaniment; etc..

Piano reduction: the student must learn the reverse technique: observe an orchestral passage and reduce it for piano, adapted to the idiomatic pianistic figure.

Scoring for a string orchestra from a simple piano excerpt.



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### **Fundamentals of Orchestration II (MUS1918L)**

Woodwinds and brass:

- Study their individual characteristics.

Analysis of representative orchestrations from the classical period.

Scoring for woods.

Scoring for full classical orchestra.

It is the writing itself which allows students to understand not only the physical limits of the instruments, but also their different qualities in each register.

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### **Creativity and Improvisation I (MUS1919L)**

Free tonal improvisation

Study of three notes combinations in one octave

Intervalic motifs with enclosure

Emotional improvisation

Improvisation in minimal structures

Improvisation through images or films

Improvisation in duo trio or quartet

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### **Creativity and Improvisation II (MUS1920L)**

Free atonal improvisation

Cromatic improvisation

Octave divisions (2,3,4,6,12)

Intervalic improvisation

Triadic Improvisation

Emotional improvisation

Konokol (is the art of performing percussion syllables vocally in South Indian music)

Phonetic study of Konokol

Writing of rhythmic phrases or compositions with Konokol

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### **Keyboard Technique Lab I (MUS1921L)**

- Harmony reduction exercises

- Simple harmonic progressions exercises

- Keyboard reduction of transposing instruments

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### **Keyboard Technique Lab II (MUS1922L)**

- Harmony reduction exercises

- Complex harmonic progressions exercises

- Keyboard reduction of transposing instruments and string sections

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### **Vocal Technique Lab I (MUS1923L)**

The work program depends entirely on the level of students, in that sense the study begins with basic work on muscle training for support of the voice, articulation of consonants, singing vowels, sound emission for female and men's voice. This working program functions and evolves in time, we need to explore the choir repertoire in baroque music.



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### **Vocal Technique Lab II (MUS1924L)**

The work program depends entirely on the level of students, in that sense the study begins with basic work on muscle training for support of the voice, articulation of consonants, singing vowels, sound emission for female and men's voice. This working program functions and evolves in time, we need to explore it in classical or even modern choir repertoire.

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### **Rhythm and Percussion Lab I (MUS1925L)**

- Concepts on the cognition of durational parameters
- Quantitative Rhythm
- Qualitative Rhythm
- The hierarchical structure
- The flat structure
- The multi-parametric structure
- Principles of rhythmic 'warming' in small percussion ensembles (over meter or beats only)

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### **Rhythm and Percussion Lab II (MUS1926L)**

- Rhythmic structure in music according to Cooper and Meyer
- Rhythm linear analysis as in Carl Schachter
- Rhythmic and metric analysis in Lerdhal and Jackendoff
- The stratification of musical rhythm by Maury Yeston
- Study of the empirically based theoretical construction Just in Time
- Study and interpretation of rhythmic music for small percussion ensemble
- Rhythmic improvisation.

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### **Contemporary Performance Practice I (MUS1927L)**

This curricular unit includes a theoretical and a practical component. The first focuses on the following topics:

- Integral Serialism: Pierre Boulez, Karlheinz Stockhausen and others. The Darmstadt summer courses.
- Aleatoric music: John Cage and his influence in postwar musical scene.
- From pointillism to structural composition; textural music: Gyorgy Ligeti, Krystof Penderecki and Iannis Xenakis
- Parody and collage: Bernd Alois Zimmermann, Luciano Berio, Peter Maxwell Davies, Hans Werner Henze and others.
- Minimalism and spectralism: Terry Riley, Steve Reich, Phillip Glass, Morton Feldman.
- Neotonicity: David del Tredici, Wolfgang Rihm, Robin Holloway, John Adams.
- Microtonality: Alois Hába, Harry Partch, Ben Johnston.

The practical component focuses on works from the international repertoire of the study period, for solo instruments or small chamber ensembles, which are worked upon from an esthetical, technical and interpretative standpoint.



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### **Contemporary Performance Practice II (MUS1928L)**

This UC includes a theoretical and a practical component. The first focuses on:

- Portuguese music in the 1st half of the 20th century.
- The 60's-70's: J. Peixinho, C. Rosa, A. Salazar, C. Lima. The establishment of GMCL and other groups.
- The 80's: E. Nunes, C. Bochmann, J. P. Oliveira, A. Sousa Dias, A. Pinho Vargas, A. Vasques Dias. The teaching of musical composition.
- The 90's: M. Azguime, J. Madureira, C. Caires, L. Tinoco, P. Amaral, I. Soveral, A. Chagas Rosa.
- Portuguese musical creation since 2000.

The practical component focuses on works from the Portuguese repertoire of the study period, for solo instruments or small chamber ensembles, which are worked upon from an esthetical, technical and interpretative standpoint. In both components, direct contact with chosen composers is encouraged, both in classroom situations and through student's initiative, namely in the context of the research process leading to the realization of a required written essay.

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### **Pop-Rock Seminar I (MUS1929L)**

Stylistic and cultural studies of pop/ rock of decades from 40 to 70 based on bibliographic, video and audio records.

On each seminar pop/ rock history will be discussed through bibliographic references supported by audio and video.

Oral group random picked seminars will be arranged along the semester.

Stylistic study through analysis and transcription.

Essays written by students will be evaluate.

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### **Pop-Rock Seminar II (MUS1930L)**

Stylistic and cultural studies of pop/ rock of decades from 80 to 010 based on bibliographic, video and audio records.

On each seminar pop/ rock history will be discussed through bibliographic references supported by audio and video.

Oral group random picked seminars will be arranged along the semester.

Stylistic study through analysis and transcription.

Essays written by students will be evaluate.

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### **Latin and Brazilian Music Seminar I (MUS1931L)**

Origins of Latin music and Brazilian popular music (MPB). European origin and African origin. The role of the Portuguese and the Spaniards, miscegenation and import of musical culture; the lundum and modinhas. The African origin. Common points with jazz. Choro and its evolution to the present day. The first half of the XX century: Ary Barroso, Dorival Caymmi and Luiz Gonzaga. The origin and diversity of styles from different regions of Brazil: the Northeast, the country music. The Baião in the 40s, along with the phenomenon "Carmen Miranda". The "samba" as reference and distinctive music of Brazil. The Carnival. Cosmopolitan aspects of MPB, success of Carmen Miranda in the United States and influences of jazz and blues. Return to Brazil and establishing a certain style, combined with other Latin influences. The samba-canção Dalva de Oliveira and Dolores Duran. Influences for Maria Bethania.





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### **Latin and Brazilian Music Seminar II (MUS1932L)**

The new generation of MPB: Chico Buarque, Edu Lobo, Gilberto Gil and Caetano Veloso. Caetano and Gil exile to London (1968-69). The "Jovem Guarda" program and the emergence of Roberto and Erasmo Carlos. Marcos Valle, Carlos Lyra. Nara Leão and Roberto Menescal. Johnny Alf (tune "influência do jazz"). The Bahian: Maria Bethania and Gal Costa. Djavan and Alcaeus Valencia. The cult of 'São João'. Rock influence on MPB: Rita Lee, Tropicalism, ?Secos e Molhados?. Ney Matogrosso: analysis of a long career, and connection to flamenco (Pesro Jóia). The influence of funk. Links to jazz: Tania Maria and Charlie Bird. Eumir Deodato and bonding the USA. Contacts with Tom Jobim- Frank Sinatra. Production and studio. Appearance of the "funk". Tim Maia, Gabriel 'O Pensador'. Other popular musicians: Zeca Pagodinho. Baden Powell, Toquinho, Yamandú Costa and the evolution of the art of playing guitar. Ivan Lins and the importance of orchestration. Great sing: Simone, Joana, Joyce, Flora Purim.

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### **World Music Seminar I (MUS1933L)**

World Music - A conceptual discussion

- Terminology
- Perspectives of Musicology and Ethnomusicology
- Western and non-Western music
- Fieldwork
- Integration of World Music in the field of cultural studies

Popular Music in the West

- Definitions
- Study of Popular Music
- The media
- The cultural and social significance of Popular Music
- The Pop Music
- The Anglo-Saxon pop music (UK and USA)
- The European Pop
- The non Western Pop music

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### **World Music Seminar II (MUS1934L)**

Ethnic music

- The ethnomusicological approach
- Music and Anthropology
- World Fusion and Hybrid examples

The Lusophone world

- Fado
- Brazilian Popular Music
- Portuguese Folk Music
- Songs of Lusophone Africa

World Music - the media coverage

- Marketing
- Festivals of World Music
- The sound recording and the role of YouTube
- Periodicals and literature overview
- The study of World Music and the importance of critical



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### **Musical Instrument II (MUS0977L)**

Study (and subsequent public presentation) of specific works of the instrumental/vocal repertoire, excluding orchestral excerpts; the individual program for each student will be devised by the teacher in the beginning of the semester, bearing in mind his/her specific aptitudes, general development and technical/artistic maturity, as well as the work done in the UC Instrumento Principal I.

Organization of complementary activities (thematic seminars, public presentations, valorization, extension and communication projects), when pertaining.

Specific bibliographical revision.

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### **Vocal and Instrumental Ensemble II (MUS11713L)**

Choir(Prof.Yan Mirkítumov)

The choir repertoire is chosen for study some specific opus, as follows:

A cappella choir for 4 voices from baroque until modern repertoire through the classical.

Vocal-symphonic works with orchestra, one program pro year.

Choir jazz(Prof.João Lucena e Vale)

The choir studying works of music hall and Broadway style for one voice and choir or small choir.

Orquestra (Prof.Doutor C.Bochmann)

Parts of symphonies and first view.

Orquestra (Prof. Hugo Assunção)

The repertoire indicates important work for winds orchestra and transcriptions, and also most well known parts of symphonic works.

Guitar ensemble (Prof.Gonçalo Gouveia)

Original repertoire for Great ensemble of guitar and also transcriptions for the same from baroque and classical period.

Jazz orchestra (Prof.Claus Nymark)

The repertoire to be study is from the classical period of 1930/40 and also the modern and contemporary repertoire.

Chamber music ( duo to more elements in a group)

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### **Music Analysis II (MUS0945L)**

- Conventional Theme Types
- Ternary Forms
- Binary Forms
- Theme and Variations
- Rondo Forms
- Sonata Forms
- Concerto Forms
- Non conventional Forms

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### **Ear Training II (MUS0971L)**

Recognize and read tonal rhythms.

Chords, three notes.

Chords, four notes.

Functional harmony.



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### **Ear Training IV (MUS1910L)**

- Harmonic progressions using seventh, ninth and altered chords;
- Modulation;
- Four-part dictation exercises in a variety of musical styles.

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### **Musical Instrument III (MUS0978L)**

Study (and subsequent public presentation) of specific works of the instrumental/vocal repertoire, excluding orchestral excerpts; the individual program for each student will be devised by the teacher in the beginning of the semester, bearing in mind his/her specific aptitudes, general development and technical/artistic maturity, as well as the work done in the UC's Instrumento Principal I and II.

Organization of complementary activities (thematic seminars, public presentations, valorization, extension and communication projects), when pertaining.

Specific bibliographical revision.

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### **Vocal and Instrumental Ensemble III (MUS11714L)**

Choir(Prof.Yan Mirkitumov)

The choir repertoire is chosen for study some specific opus, as follows:

A cappella choir for 4 voices from baroque until modern repertoire through the classical.

Vocal-symphonic works with orchestra, one program pro year.

Choir jazz(Prof.João Lucena e Vale)

The choir studying works of music hall and Broadway style for one voice and choir or small choir.

Orquestra (Prof.Doutor C.Bochmann)

Parts of symphonies and first view.

Orquestra (Prof. Hugo Assunção)

The repertoire indicates important work for winds orchestra and transcriptions, and also most well known parts of symphonic works.

Guitar ensemble (Prof.Gonçalo Gouveia)

Original repertoire for Great ensemble of guitar and also transcriptions for the same from baroque and classical period.

Jazz orchestra (Prof.Claus Nymark)

The repertoire to be study is from the classical period of 1930/40 and also the modern and contemporary repertoire.

Chamber music ( duo to more elements in a group)

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### **Musical Analysis III (MUS0946L)**

The program focuses on different works from different historical periods. All works studied are major works in the context of the Western Music, being the rhythm the unifying aspect of the analysis, addressing the following aspects:

- Qualitative and quantitative rhythm and the mixture of both;
- Differences between modal and tonal rhythm ;
- Conventions of rhythmic notation, including the rhythms whose rating is not accurate (Gregorian chant, Renaissance notation, inégales notes, jazz, folk music, etc.);
- Free rhythm and aleatory rhythm of the twentieth century;
- The role of rhythm in the definition of the sentence and direction;
- Duration and proportion.



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### **Musical Instrument IV (MUS0979L)**

Study (and subsequent public presentation) of specific works of the instrumental/vocal repertoire, excluding orchestral excerpts; the individual program for each student will be devised by the teacher in the beginning of the semester, bearing in mind his/her specific aptitudes, general development and technical/artistic maturity, as well as the work done in the UC's Instrumento Principal I, II and III.

Organization of complementary activities (thematic seminars, public presentations, valorization, extension and communication projects), when pertaining.

Specific bibliographical revision.

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### **Conjunto Vocal e Instrumental IV (MUS11715L)**

Choir(Prof.Yan Mirkítumov)

The choir repertoire is chosen for study some specific opus, as follows:

A cappella choir for 4 voices from baroque until modern repertoire through the classical.

Vocal-symphonic works with orchestra, one program pro year.

Choir jazz(Prof.João Lucena e Vale)

The choir studying works of music hall and Broadway style for one voice and choir or small choir.

Orquestra (Prof.Doutor C.Bochmann)

Parts of symphonies and first view.

Orquestra (Prof. Hugo Assunção)

The repertoire indicates important work for winds orchestra and transcriptions, and also most well known parts of symphonic works.

Guitar ensemble (Prof.Gonçalo Gouveia)

Original repertoire for Great ensemble of guitar and also transcriptions for the same from baroque and classical period.

Jazz orchestra (Prof.Claus Nymark)

The repertoire to be study is from the classical period of 1930/40 and also the modern and contemporary repertoire.

Chamber music ( duo to more elements in a group)

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### **Musical Analysis IV (MUS0947L)**

The program focuses on different works from different historical periods. All works studied are major works in the context of the Western Music, being the harmony the unifying aspect of the analysis, addressing the following aspects:

- The harmonic series; consonance and spectralism;
- The concepts of consonance and dissonance;
- Tonal music: chords, harmonic fields, threads;
- The vertical combinatorial criteria in pre-tonal music.
- The functional harmony; adaptation of the functionality to modalism;
- The vertical combinatorial criteria of modal music; tonal harmony;
- Pantonalism.



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### **Musical Instrument V (MUS0980L)**

Study (and subsequent public presentation) of specific works of the instrumental/vocal repertoire, excluding orchestral excerpts; the individual program for each student will be devised by the teacher in the beginning of the semester, bearing in mind his/her specific aptitudes, general development and technical/artistic maturity, as well as the work done in the UC's Instrumento Principal I, II, III and IV.

Organization of complementary activities (thematic seminars, public presentations, valorization, extension and communication projects), when pertaining.

Specific bibliographical revision.

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### **Vocal and Instrumental Ensemble V (MUS11716L)**

Choir(Prof.Yan Mirkitumov)

The choir repertoire is chosen for study some specific opus, as follows:

A cappella choir for 4 voices from baroque until modern repertoire through the classical.

Vocal-symphonic works with orchestra, one program pro year.

Choir jazz(Prof.João Lucena e Vale)

The choir studying works of music hall and Broadway style for one voice and choir or small choir.

Orquestra (Prof.Doutor C.Bochmann)

Parts of symphonies and first view.

Orquestra (Prof. Hugo Assunção)

The repertoire indicates important work for winds orchestra and transcriptions, and also most well known parts of symphonic works.

Guitar ensemble (Prof.Gonçalo Gouveia)

Original repertoire for Great ensemble of guitar and also transcriptions for the same from baroque and classical period.

Jazz orchestra (Prof.Claus Nymark)

The repertoire to be study is from the classical period of 1930/40 and also the modern and contemporary repertoire.

Chamber music ( duo to more elements in a group)

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### **Musical Analysis V (MUS0948L)**

- Tonal melody
- Compound melody
- Non-tonal melody
- Fugal and other contrapuntal procedures
- Dodecaphonism
- Serialism
- Micropolyphony

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### **Orchestra I (MUS2695L)**

- Sight-reading and rehearsal of orchestral works. Each semestre has its own repertoire, chosen from among the works that are most suited to the instrumental group formed. A concert programme is prepared. Depending on difficulty of the works and the time available, other works may be added in the second half of the semester.



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### **Musical Instrument VI (MUS0981L)**

Study (and subsequent public presentation) of specific works of the instrumental/vocal repertoire, excluding orchestral excerpts; the individual program for each student will be devised by the teacher in the beginning of the semester, bearing in mind his/her specific aptitudes, general development and technical/artistic maturity, as well as the work done in the UC's Instrumento Principal I, II, III, IV and V.

Organization of complementary activities (thematic seminars, public presentations, valorization, extension and communication projects), when pertaining.

Specific bibliographical revision.

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### **Vocal and Instrumental Ensemble VI (MUS11717L)**

Choir(Prof.Yan Mirkitumov)

The choir repertoire is chosen for study some specific opus, as follows:

A cappella choir for 4 voices from baroque until modern repertoire through the classical.

Vocal-symphonic works with orchestra, one program pro year.

Choir jazz(Prof.João Lucena e Vale)

The choir studying works of music hall and Broadway style for one voice and choir or small choir.

Orquestra (Prof.Doutor C.Bochmann)

Parts of symphonies and first view.

Orquestra (Prof. Hugo Assunção)

The repertoire indicates important work for winds orchestra and transcriptions, and also most well known parts of symphonic works.

Guitar ensemble (Prof.Gonçalo Gouveia)

Original repertoire for Great ensemble of guitar and also transcriptions for the same from baroque and classical period.

Jazz orchestra (Prof.Claus Nymark)

The repertoire to be study is from the classical period of 1930/40 and also the modern and contemporary repertoire.

Chamber music ( duo to more elements in a group)

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### **Musical Analysis VI (MUS0949L)**

- Qualitative and quantitative features of textures
- Types of musical textures
- Unisson
- Melody and accompaniment
- Secondary melody
- Part-writing
- Contrapuntal textures
- Chords
- Complex textures
- Textural variation as structural factors

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### **Orchestra II (MUS2696L)**

- Sight-reading and rehearsal of orchestral works. Each semestre has its own repertoire, chosen from among the works that are most suited to the instrumental group formed. A concert programme is prepared.

Depending on difficulty of the works and the time available, other works may be added in the second half of the semester.



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### **Jazz Instrument I (MUS1935L)**

Study (and subsequent public presentation) of specific compositions of the jazz repertoire. The individual program, by instrument, will be set by the teacher for each student at the beginning of the semester, depending on the specific aptitudes, the degree of development and technical / artistic maturity of the latter. It will be taken into account throughout the six semesters of this course, the progressive technical and artistic development in the following areas:

- Instrument technique (posture, breathing, control of specific effects and general proficiency)
- Jazz Improvisation (forms; relative scale / chord, rhythm)
- Study of scales and arpeggios, as well as common 'patterns'
- Study and practice of standard Jazz repertoire of the following styles and eras: Early jazz / New Orleans; swing; bebop; Hard Bop; West Coast; Fusion; Avant-garde and Contemporary
- Technique for small ensemble arrangement
- Solo transcriptio

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### **Ensemble I (MUS11880L)**

Traditional Jazz (New Orleans/Chicago 10-20-30).

- Original Dixieland One Step (march form).
  - Struttin' With Some Barbecue
  - Potatoe Head Blues
  - After You've Gone (Straight Life - Art Pepper)
  - Old Fashioned Love
  - Indiana (Donna Lee)
  - Rose Room (In a Mellow Tone - Duke Ellington)
  - Someday You'll Be Sorry
  - Singin' The Blues (Bix Beiderbecke/Frank Trumbauer)
  - Wolverine Blues (Jelly Roll Morton).
- Swing (Kansas City/New York 30-40).
- Just Squeeze Me
  - Cottontail
  - Take the A Train
  - Lester Leaps In
  - Satin Doll
  - Honeysuckle Rose (Scrapple From The Apple)
  - When It's Sleepy Time Down South
  - Lady Be Good
  - Stompin' At The Savoy
  - Body And Soul

Note: the list is merely suggestive. It is possible to choose other themes.

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### **Theory and analysis Jazz I (MUS1937L)**

Tonality; consonance/dissonance and inside/outside improvisation; tonal functions; major tonality; neighbour tonalities; cadences and typical harmonic progressions; traditional blues; secondary dominants.

Functional harmony; chord-scales; dominant resolution; related II; deceptive resolution; interpolated dominant resolution.



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### **Jazz History I (MUS1939L)**

- Definitions of jazz and its fundamental characteristics.
- Investigative methodology
- Roots
- Early Jazz
- The Swing Era
- The Bebop Era

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### **Ear Training Laboratory I (MUS1938L)**

- Seventh chords;
- Chord progressions;
- One-part rhythmic dictation exercises;
- Walking bass line dictation exercises;
- One and two-part melodic dictation exercises.

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### **Jazz Instrument II (MUS1940L)**

Study (and subsequent public presentation) of specific compositions of the jazz repertoire. The individual program, by instrument, will be set by the teacher for each student at the beginning of the semester, depending on the specific aptitudes, the degree of development and technical / artistic maturity of the latter. In the sequence of Instrument Jazz I, this course aims the progressive technical and artistic development in the following areas:

- Instrument technique (posture, breathing, control of specific effects and general proficiency)
- Jazz Improvisation (forms; relative scale / chord, rhythm)
- Study of scales and arpeggios, as well as common 'patterns'
- Study and practice of standard Jazz repertoire of the following styles and eras: Early jazz / New Orleans; swing; bebop; Hard Bop; West Coast; Fusion; Avant-garde and Contemporary
- Technique for small ensemble arrangement
- Solo transcription





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### **Ensemble II (MUS11881L)**

Swing (Kansas City/New York 30-40).

- Just Squeeze Me
- Cottontail
- Take the A Train
- Lester Leaps In
- Satin Doll
- Honeysuckle Rose (Scrapple From The Apple)
- When It's Sleepy Time Down South
- Lady Be Good
- Stompin' At The Savoy
- Body And Soul

Bebop, Thelonious Monk (New York 40)

- Yardbird Suite
- Cherokee
- Billies Bounce
- Now's The Time
- Blues For Alice
- Donna Lee
- Rhythm-A-Ning (Monk)
- Misterioso (Monk - blues)
- 'Round About Midnight
- Just Friends
- Lady Bird

Note: the list is merely suggestive. It is possible to choose other themes.

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### **Jazz Theory and Analysis II (MUS1942L)**

Tonality; consonance/dissonance and inside/outside improvisation; tonal functions; major and minor tonality; neighbour tonalities; cadences and typical harmonic progressions; jazz blues; minor line clichés; major line clichés; modal interchange; alternate function dominants;

Functional harmony; chord-scales; interpolated dominant resolution; modulation; modal interchange; alternate function dominants.

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### **Jazz History II (MUS1944L)**

- Investigative methodology and scientific writing
- 1950's - Cool and West Coast
- 1950's - Third Stream and Hard Bop (and its ramifications)
- The 50's and 60's - Miles Davis
- The 50's and 60's - John Coltrane
- 1960's - Avant Garde/Free Jazz
- 1960's - Mainstream
- 1970's - Jazz-Rock Fusion
- Jazz since the 1980's



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### **Ear Training Laboratory II (MUS1943L)**

- Seventh, ninth and altered chords;
- Chord progressions;
- Drum rhythmic dictation exercises;
- Two-part melodic dictation exercises.

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### **Jazz Instrument III (MUS1945L)**

Study (and subsequent public presentation) of specific compositions of the jazz repertoire. The individual program, by instrument, will be set by the teacher for each student at the beginning of the semester, depending on the specific aptitudes, the degree of development and technical / artistic maturity of the latter. In the sequence of Instrument Jazz II, this course aims the progressive technical and artistic development in the following areas:

- Instrument technique (posture, breathing, control of specific effects and general proficiency)
- Jazz Improvisation (forms; relative scale / chord, rhythm)
- Study of scales and arpeggios, as well as common 'patterns'
- Study and practice of standard Jazz repertoire of the following styles and eras: Early jazz / New Orleans; swing; bebop; Hard Bop; West Coast; Fusion; Avant-garde and Contemporary
- Technique for small ensemble arrangement
- Solo transcription



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### **Ensemble III (MUS11882L)**

Bebop, Thelonious Monk (New York 40)

- Yardbird Suite
- Cherokee
- Billies Bounce
- Now's The Time
- Blues For Alice
- Donna Lee
- Rhythm-A-Ning (Monk)
- Misterioso (Monk - blues)
- 'Round About Midnight
- Just Friends
- Lady Bird

Cool (New York 50)/West Coast (L.A 50)/Third-Stream/"Lennie Tristano style" (New York/Chicago 50).

- Boplicity
  - Jeru
  - All The Things You Are
  - Lido Road
  - Walkin' Shoes
  - Take Five
  - Blue Rondo a la Turk
  - Early Autumn
  - Popo (Shorty Rodgers)
  - Crosscurrent (Tristano)
  - Palo Alto (Bill Evans/Lee Konitz)
  - Vendome (Modern Jazz Quartet)
- Jazz Modal (late 50)
- Milestones
  - So What
  - Flamenco Sketches
  - All Blues
  - Freddie Freeloader
  - Mode For Joe (Joe Henderson)
  - My Favourite Things (Coltrane's version)
  - Naima
  - Little Sunflower

Note: the list is merely suggestive. It is possible to choose other themes.

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### **Jazz Theory and Analysis III (MUS1947L)**

Minor blues; bebop blues; rhythm changes with different variations; direct, transitional and pivot modulations; diminished chords and their chord-scales; pedal point and ostinato; inversions; parameters to build an improvisation; Functional harmony; tonal harmony; tritone substitution; chromatic related II; interpolated subV7 resolution.



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### **Jazz Instrument IV (MUS1948L)**

Study (and subsequent public presentation) of specific compositions of the jazz repertoire. The individual program, by instrument, will be set by the teacher for each student at the beginning of the semester, depending on the specific aptitudes, the degree of development and technical / artistic maturity of the latter. In the sequence of Instrument Jazz III, this course aims the progressive technical and artistic development in the following areas:

- Instrument technique (posture, breathing, control of specific effects and general proficiency)
- Jazz Improvisation (forms; relative scale / chord, rhythm)
- Study of scales and arpeggios, as well as common 'patterns'
- Study and practice of standard Jazz repertoire of the following styles and eras: Early jazz / New Orleans; swing; bebop; Hard Bop; West Coast; Fusion; Avant-garde and Contemporary
- Technique for small ensemble arrangement
- Solo transcription



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**Ensemble IV (MUS11883L)**

Cool (New York 50)/West Coast (L.A 50)/Third-Stream/"Lennie Tristano style" (New York/Chicago 50).

Boplicity

Jeru

All The Things You Are

Lido Road

Walkin' Shoes

Take Five

Blue Rondo a la Turk

Early Autumn

Popo (Shorty Rodgers)

Crosscurrent (Tristano)

Palo Alto (Bill Evans/Lee Konitz)

Vendome (Modern Jazz Quartet)

Jazz Modal (late 50)

Milestones

So What

Flamenco Sketches

All Blues

Freddie Freeloader

Mode For Joe (Joe Henderson)

My Favourite Things (Coltrane's version)

Naima

Little Sunflower

"Bill Evans Style"

Solar

Waltz For Debbie

Nardis

Minority

You Must Believe In Spring

The Peacocks

Theme from M\*A\*S\*H

Beautiful Love

Gloria's Step

My Romance

Hard Bop and sub-styles (Be Bop, Funky/Soul, Art Blakey, Joe Henderson, McCoy Tyner, Coltrane, M. Davis, Wayne Shorter, Herbie Hancock, etc...)

Señor Blues

Along Came Betty

Whisper Not

Giant Steps

Moments Notice

Maiden Voyage

Children of the Night

Speak No Evil

Cantalupe Island

Watermelon Man



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### **Jazz Theory and Analysis IV (MUS1950L)**

Reharmonization of diminished chords;  
H-W and W-H scales;  
modal harmony;  
hybrids and polychords;  
coltrane-changes;  
hexatonics; parameters to build an improvisation;  
Functional harmony; tonal harmony;  
contiguous II-V;  
constant structures and parallel chords;

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### **Jazz Instrument V (MUS1951L)**

Study (and subsequent public presentation) of specific compositions of the jazz repertoire. The individual program, by instrument, will be set by the teacher for each student at the beginning of the semester, depending on the specific aptitudes, the degree of development and technical / artistic maturity of the latter. In the sequence of Instrument Jazz IV, this course aims the progressive technical and artistic development in the following areas:

- Instrument technique (posture, breathing, control of specific effects and general proficiency)
- Jazz Improvisation (forms; relative scale / chord, rhythm)
- Study of scales and arpeggios, as well as common 'patterns'
- Study and practice of standard Jazz repertoire of the following styles and eras: Early jazz / New Orleans; swing; bebop; Hard Bop; West Coast; Fusion; Avant-garde and Contemporary
- Technique for small ensemble arrangement
- Solo transcription



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### **Ensemble V (MUS11884L)**

Hard Bop and sub-styles (Be Bop, Funky/Soul, Art Blakey, Joe Henderson, McCoy Tyner, Coltrane, M. Davis, Wayne Shorter, Herbie Hancock, etc...)

Señor Blues

Along Came Betty

Whisper Not

Giant Steps

Moments Notice

Maiden Voyage

Children of the Night

Speak No Evil

Cantalupe Island

Watermelon Man

Avant-garde of the 60 ("free jazz").

The Sphinx (O. Coleman)

Blues Connotation (O. Coleman)

Broadway Blues (O. Coleman)

Fables of Faubus (Mingus)

There Is The Bomb (Don Cherry)

Number Eight (Potsa Lotsa) - (E. Dolphy e B. Little)

Out To Lunch (E. Dolphy)

Love Cry (A. Ayler)

Nefertiti

Theme For Ernie (Archie Shepp)

Jazz-Rock Fusion.

Chameleon

Spain

Birdland

Soul Intro/The Chcken

Red Clay

Recent jazz (80 onwards).

Pools (Steps Ahead)

Blue Heaven (Dave Douglas)

Inner Urge (Joe Henderson)

Nothing's Personal (Michael Brecker)

Not Ethiopia (The Brecker Brothers)

(Standards in a post-modern style).

Wynton Marsalis

Dave Douglas

Portuguese jazz



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### **Studio and Production Seminar I (MUS1954L)**

Definition of sound as waves, beats and rhythm  
Volume and frequency measurement: Hz , Db  
Frequency examples in real instruments  
Instruments frequency table  
Frequency output in different physical spaces and at different volume levels  
Introduction to reverberation  
Natural and artificial Reverberation  
Stage sound  
Common elements: PA , Columns , Table , etc  
Instruments sound importance: tuning , layout , etc.  
Feedback  
General stage equalization, staff and PA  
Live sound problems: Feedback , Volume , Phase , Definition ( EQ ) Acoustic or amplified ? Hall dimensions  
General hall problems: . Materials , Design , Introduction to equipment equalization  
Sound processing: Equalization . Compression and equalizer types. Compressors  
XLR connection types: jack , minijack , USB , firewire , rca , etc. Balanced , Unbalanced  
Mic types and its use  
Mix tables: Functioning , and organic types of virtual table  
Software tables

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### **Jazz Arrangement techniques I (MUS1953L)**

- Introduction to big band, 5 big band musical concepts.
- Structure of a big band arrangement (score and audio analysis).
- Phrasing and articulation in large Jazz ensembles
- Melody harmonizations (eg subject) for four voices
- Different harmonization techniques.
- The big band sections and its harmonization.
- Counterpoint lines and answering kicks.
- Shout, Chorus and Special sax.
- Introduction, Interlude, Final, Backing, Vamps.
- Variations (Melodie, harmony, rhythm, style, instrumentation, ...) and musical tension in an arrangement.
- Evaluation of the work already done.
- The phrasing and language.
- Score editing
- Score reduction for small ensemble.
- Other ways of arrangement reductions.
- Exam preparation.

Work planning:

- 1 Full big band arrangement of 3-4 minutes of duration, with short solos and 30 seconds of shout chorus.
- 1 Reduction of a big band arrangement for small ensemble (quintet / sextet)





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### **Jazz Instrument VI (MUS1955L)**

Study (and subsequent public presentation) of specific compositions of the jazz repertoire. The individual program, by instrument, will be set by the teacher for each student at the beginning of the semester, depending on the specific aptitudes, the degree of development and technical / artistic maturity of the latter. In the sequence of Instrument Jazz V, this course aims the progressive technical and artistic development in the following areas:

- Instrument technique (posture, breathing, control of specific effects and general proficiency)
- Jazz Improvisation (forms; relative scale / chord, rhythm)
- Study of scales and arpeggios, as well as common 'patterns'
- Study and practice of standard Jazz repertoire of the following styles and eras: Early jazz / New Orleans; swing; bebop; Hard Bop; West Coast; Fusion; Avant-garde and Contemporary
- Technique for small ensemble arrangement
- Solo transcription

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### **Ensemble VI (MUS11885L)**

Contemporary jazz. The students should define the program with the help of the teacher. Here are some suggestions. The creativity of the students will be very important.

- Originals.
- Composer or specific group.
- A style.
- Arrangements in a certain style.
- Portuguese jazz (or any other nationality)

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### **Jazz Arrangement Techniques II (MUS1957L)**

- Introduction to the big band in general, 5 concepts of big band.
- Analyzing the structure of a big band arrangement (analysis from scores and audios).
- Phrasing and articulation in large jazz ensembles
- Harmonization of melodies for 4 voices using different techniques.
- Big band sections and their typical harmonization.
- Counterpoint lines and kicks as a response.
- Shout chorus and sax special chorus
- Introduction, Interlude, end, backings and vamps.
- Variation (of melody, harmony, rhythm, style, instrumentation, ...), the creation of tension in an arrangement.
- Open lesson, evaluation of the work done by the students..
- Editing the score and the parts
- Reduction of a big band arrangement to an arrangement for small ensemble.
- Preparation of the exam in the end of the semester.

Student´s works:

- 1 full big band arrangement of 3-4 minutes duration including theme, short solos and a shout chorus of 30 seconds duration.
- 1 reduction of a big band arrangement for small ensemble



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### **Studio and Production Seminar II (MUS1958L)**

- Sound software
- Sound processing
- Mixing
- Mastering
- Album production process

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### **Composition I (MUS0952L)**

Compositions for instrumental groups or voices to the student's choice.

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### **Orchestration I (MUS0994L)**

Bowed string instruments:

- General characteristics;
- Individual characteristics;
- Cadential chords and double, triple and quadruple stops;
- Bowing, articulation, harmonics, coloristic effects, special indications.

Woodwinds and brass:

- General characteristics;
- Individual characteristics;

Analysis of representative orchestrations of the classical period, with particular emphasis on strings but not forgetting the winds.

Scoring for string orchestra.

It's the writing itself which allows students to understand not only the best acoustic arrangement of the chord, but especially the physical limits of the instruments;

Study the compositional features in the orchestration:

- Where to write the theme; where to write the bass; how to treat the accompaniment; etc..

Piano reduction: the student must learn the reverse technique: observe an orchestral passage and reduce it for piano, adapted to the idiomatic pianistic figure.

Scoring for a full classical orchestra from a simple piano excerpt.

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### **Choir I (MUS2697L)**

Repertory: Works of short duration (up to 5 min.) for choir a cappella (4 voices). The program encompasses works from different periods in the history of music: from Renaissance (eg. C. Monteverdi, H. Hasler, J.S. Bach) until the twentieth-century music (eg: F. Poulenc, P. Hindemith, A. de Klerk), but with emphasis on the classical period. Works for chorus and orchestra (eg: Masses of Mozart, Schubert, "Requiem" Faure, etc.) The repertoire is included in the programs presented to the public in the concerts and performed with or without orchestral accompaniment.

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### **Composition II (MUS0953L)**

Compositions for instrumental groups or voices to the student's choice.



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### **Orchestration II (MUS0995L)**

Bowed string instruments:

- Development of their individual characteristics.

- Woodwinds and brass:

- Development of their individual characteristics.

Analysis of representative orchestrations from the classical period.

Scoring for woodwind ensembles, brass and mixed.

Scoring for string orchestra.

Scoring for full classical orchestra.

It is the writing itself which allows students to understand not only the physical limits of the instruments, but also their different qualities in each register.

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### **Choir II (MUS2698L)**

Repertory: Works of short duration (up to 5 min.) for choir a cappella (4 voices). The program encompasses works from different periods in the history of music: from Renaissance (eg. C. Monteverdi, H. Hasler, J.S. Bach) until the twentieth-century music (eg: F. Poulenc, P. Hindemith, A. de Klerk), but with emphasis on the classical period. Works for chorus and orchestra (eg: Masses of Mozart, Schubert, "Requiem" Faure, etc.) The repertoire is included in the programs presented to the public in the concerts and performed with or without orchestral accompaniment.

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### **Composition III (MUS0954L)**

Exercises for instrumental groups or voices to the student's choice.

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### **Orchestration III (MUS0996L)**

The tutti.

Comment textures of the classical repertoire.

Do orchestrations of little piano pieces of the classical and romantic repertoire.

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### **Choir III (MUS2699L)**

Repertory: Works of short duration (up to 5 min.) for choir a cappella (4 voices). The program encompasses works from different periods in the history of music: from Renaissance (eg. C. Monteverdi, H. Hasler, J.S. Bach) until the twentieth-century music (eg: F. Poulenc, P. Hindemith, A. de Klerk), but with emphasis on the classical period. Works for chorus and orchestra (eg: Masses of Mozart, Schubert, "Requiem" Faure, etc.) The repertoire is included in the programs presented to the public in the concerts and performed with or without orchestral accompaniment.

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### **Composition IV (MUS0955L)**

Exercises for instrumental groups or voices to the student's choice.

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### **Orchestration IV (MUS0997L)**

The tutti.

Comment textures of the classical repertoire.

Do orchestrations of little piano pieces of the classical and romantic repertoire.



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### **Choir IV (MUS2700L)**

Repertory: Works of short duration (up to 5 min.) for choir a cappella (4 voices). The program encompasses works from different periods in the history of music: from Renaissance (eg. C. Monteverdi, H. Hasler, J.S. Bach) until the twentieth-century music (eg: F. Poulenc, P. Hindemith, A. de Klerk), but with emphasis on the classical period. Works for chorus and orchestra (eg: Masses of Mozart, Schubert, "Requiem" Faure, etc.) The repertoire is included in the programs presented to the public in the concerts and performed with or without orchestral accompaniment.

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### **Composition V (MUS0956L)**

Compositions for instrumental groups or voices to the student's choice.

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### **Orchestration V (MUS0998L)**

The tutti.

Comment textures of the classical repertoire.

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### **Contemporary Aesthetics I (MUS1913L)**

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- Aesthetics and Musicology
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### **Composition VI (MUS0957L)**

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### **Western Music History I (MUS1013L)**

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- Early forms of musical notation: the neumes
- Tropes and Sequences
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- The Liturgical drama
- The School of St.Martial de Limoges
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- The school of Notre-Dame de Paris
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- The troubadours
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- Guillaume de Machaut
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- The Italian Trecento
- Madrigal, ballata and caccia
- Francesco Landini
  
- The transition to the Renaissance
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## **Western Music History II (MUS1014L)**

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- Sacred music: genres and forms
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- 1460-1490): Johannes Ockeghem and Antoine Busnois
- (1490-1520), Jacob Obrecht, Heinrich Isaac and Josquin Desprez
- Secular music: genres and forms
- The science of counterpoint
- The birth of Printing and the development of music notation
- Instrumental music
  
- Late Renaissance
- Music in the Reformation and Counter-Reformation
- Luther and the Reformation
- The German Choral
- The Roman School
- Giovanni Pierluigi da Palestrina
- The outgrowth of instrumental music
  
- Mannerism
- The birth of the madrigal
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### **Western Music History III (MUS1015L)**

#### Baroque Music

- Baroque conception in a musical context
- Italy: new musical thought
- The development of the Baroque style
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- Italy during the Eighteenth Century
- Metastasio and the opera seria
- Comic Opera and Intermezzo: Pergolesi and Goldoni
- The Venetian Concerto: Vivaldi and his contemporaries
- The harpsichord: Domenico Scarlatti
- French music in the Seventeenth Century - Lully
- French music in the Eighteenth Century - F. Couperin and J.P. Rameau
- French instrumental music
- François Couperin: harpsichord music
- Opéra-ballet
- Rameau: theoretical writings
- German Music in the Seventeenth-century
- The Italian influence: Praetorius, Schein and Scheidt
- Sacred Music: Schütz
- German instrumental music
- England in the seventeenth-century
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- Purcell
- Eighteenth-century Germany - the musical synthesis
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### **Western Music History IV (MUS1016L)**

Transition to Classicism

- European culture in the second half of the Eighteenth-century - The Enlightenment
- The French Revolution
- Pre-Classical Music
  - The opera buffa
  - The Vaudeville
  - The Singspiel
  - The Querelle des bouffons
- Gluck and the Reform of lyric drama
- Empfindsamkeit in Germany
- Carl Philipp Emanuel Bach
- Rococo and galant styles
- The emergence classical style
- Instrumental forms: the sonata form, rondo, minuet, scherzo, theme and variations
- The fortepiano
- The symphony - The school of Mannheim
- The outgrowth of chamber music

Classical Music: Haydn, Mozart and Beethoven

- Joseph Haydn
- Wolfgang Amadeus Mozart
- Ludwig van Beethoven

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### **Western Music History V (MUS1017L)**

- Influence of Classicism in the 19th Century
- Heritage of Beethoven.
- Emergence and growing of musical nationalisms: Germany, France, Italy, Russia
- Music and Poetry (Lied).
- Absolute and Programmatic Music.
- Opera: transformations and new models
- Sacred Music

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### **Western Music History VI (MUS1018L)**

- Notions of virtuosity, geniality and transcendence (great myths);
- Absolut and Programatic music;
- Musical drama: R. Wagner;
- Sacred Music;
- Cosmopolitanism, Nationalism, Naturalism and Exoticism: ways for modernity;
- Late Romanticism





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### **Western Music History VII (MUS1019L)**

- Early 20th Century
- First Modernism (Vienna-Paris)
- Vienna's Second School
- Debussy
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- Les Six
- Ballets Russes
- Nationalism/Folklorism: Bartok, Kodály, Janacek, Enesco, Falla
- Mass culture; music and real politik
- Germany: Hindemith, Weill.
- Russia: Prokofiev, Chostakovitch.
- U.S.A.: Copland
- England: V. Williams, Walton, Tippett, Britten.

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### **Western Music History VIII (MUS1020L)**

- Post-Second World War. Cold-War (1945-72)
- Vanguards in U.S.A. and Europe.
- Roots of second Modernism: Webern, Messiaen.
- Iconoclasts: Varèse, Cage
- Second modernism (Darmstadt. IRCAM).
- The Ways to Serialism
- New resources for composition:
  - . Concrete Music
  - . Electronics
  - . Electroacoustic
  - . Live-Electronics. Interactivity. Music and Space.
- New orchestral sound: Scelsi, Stockhausen, Xenakis, Ligeti.
- Outsiders: Berio, Ligeti, Rihm
- Spectral
- Aleatory music
- Stochastic Music
- Post-modernism.
- New simplicity
- Minimalism and gradual process (Reich)
- Multi-media
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### **Theory and Method of Historical Musicology (MUS1027L)**

- Introduction to the History of Musicology as a scientific field and its place in the context of the Humanities.
- Development issues in relation with the theoretical apparatus of Musicology.
- Elaboration of a research project - choosing a research topic its bibliography, project contents and scheduled phases of work.
- Research tools
- Supporting research institutions (archives, libraries, museums and other institutions).
- Methods and general rules of the research work (sources, manuscripts and bibliographic references).



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### **Ethnomusicology I (MUS1008L)**

- Introduction to the History and development of Ethnomusicology
- Comparative Musicology (19th century and early 20th century)
- Post-War American Ethnomusicology (1950s and 1960s)
- Historical Introduction of Ethnomusicology in Portugal.
- Scope and methodologies of Ethnomusicology
- Fieldwork and the concept of "Music-cultures" (1960s-present)
- Transcription and Analysis
- Postmodernism, Popular Music, and the Future of Ethnomusicology (1990s)

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### **Sociology of Music I (MUS1025L)**

- Introduction to Sociology
- History of Sociology
- Axioms of Music Sociology
- Musical performance (concert) as social fact: inter-action and identity

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### **Portuguese Music History I (MUS1010L)**

- Historiography and periodization of Portuguese Music History.
- Liturgical Medieval repertoires and its structuring.
- Galician-portuguese lyrics and medieval monodic secular repertoire.
- From late Fourteenth and Fifteenth centuries «Canção polifónica» to Seventeenth Century sacred «Vilancico».
- Keyboard Music and Instrumental repertoires: from the «Arte de tanger» of Gonçalo de Baena (1540) to the «Livro de obras de órgão» of the Bouro Monastery (sécs. XVII-XVIII).
- Sacred polyphony: from late Fifteenth Century to early Eighteenth Century.

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### **Ethnomusicology II (MUS1009L)**

- Introduction to the History and development of Ethnomusicology
- Historical Introduction of Ethnomusicology in Portugal.
- Scope and methodologies of Ethnomusicology
- Fieldwork and the concept of "Music-cultures" (1960s-present)
- Case Studies of musical traditions from differing world cultures as practical examples, for understanding/discussion of the development, outlook, theory, and practice of contemporary ethnomusicology.
- Analysis of Michel Giacometti Videos
- Analysis of the influence of ethnomusicology work in the musical production nowadays in Portugal.
- Application the concept of a music culture to a local music tradition,

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### **Organology I (MUS1021L)**

- History of the organology.
- Classification Systems of instruments.
- Collections of instruments.
- Main historical transformations of western instruments.
- Case studies: instruments and/or families



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### **History of Music in Portugal II (MUS1011L)**

- The "Italianisation" of Portuguese musical life in 1710s and 20s.
- Church Music during the reigns of D. João V, D. José and D. and Maria I.
- The new Baroque vocal genres: the «Tono humano», the Cantata and the Serenata.
- Court Opera in public theaters, until the opening of the S. Carlos Theater (1793).
- Keyboard Music and instrumental repertoires: from Carlos Seixas to the end of the «Ancien Régime».
- The orchestral repertoire and public concerts in the Eighteenth century.
- Urban song in the second half of the Eighteenth Century.
- Introduction to Portuguese Music Historiography in the nineteenth and twentieth centuries.
- The music of João Domingos Bomtempo (1775-1842).
- Musical reception in the late Eighteenth Century.
- João Domingos Bomtempo: the dignification of instrumental music and the emerging new stylistic horizons.
- Opera: the strength of Italian influence.
- Marcos Portugal (1762-1830).
- São Carlos Theater (Lisbon) and São João Theater (Porto).

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### **Portuguese Music History III (MUS1012L)**

- The search for a national identity in music.
- Dialectic between opera and instrumental music.
- The Renewal of musical life and education.
- José Viana da Mota.
- The various institutions and musical events in Lisbon and Oporto.
  
- The Portuguese Modernism.
- Modernism in the musical production of Portuguese composers.
- Luís de Freitas Branco and Francisco Lacerda.
- Influences of Impressionism, Nationalism and Neoclassicism in Portuguese composers.
  
- «Estado Novo»
- Music as an ideological vehicle of the political regime.
- Institutions.
- Fernando Lopes Graça.
- Joly Braga Santos.
- Frederico de Freitas.
  
- Democracy after the «25 de Abril».
- Institutions.
- Emanuel Nunes in the Darmstadt / Paris context.
- Constança Capdeville and the «Teatro musical».
- Jorge Peixinho and the «Grupo de Música Contemporânea de Lisboa»
- Álvaro Salazar.
- Cândido Lima.
  
- The 80s.
- Internationalization of musical life.
- New processes in Music Education.
- The paths of Postmodernity.



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### **Aesthetics of Music I (MUS1006L)**

- Introduction: Philosophy and Aesthetics
- The conceptual essence of «Beauty»
- Aesthetics of Music in an Historical Context
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### **Aesthetics of Music II (MUS1007L)**

- Music Aesthetics in an Historical context
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- The Twentieth and Twenty-first, centuries
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