

# 聲音與音樂創意科技碩士學位學程

106 學年度

最低修業年限	二年	
應修學分	24 學分：核心課程 3 門 甲組必選乙組 1 門課程；乙組必選甲組 1 門課程	
應修(應選)課程及符合畢業資格之修課相關規定	<p>甲組:音訊工程組課程(合開)</p> <p>*字號為核心課程</p> <ul style="list-style-type: none"> <li>➢ *論文研討(0 學分)至少 4 學期且需及格</li> <li>➢ *訊號與系統(3 學分)</li> <li>➢ *數位信號處理專題:聽語資訊處理(3 學分)</li> <li>➢ *數位信號處理(3 學分)</li> <li>➢ *感測器與量測系統 (3 學分)</li> <li>➢ 嵌入式作業系統(3 學分)</li> <li>➢ 數位控制系統(3 學分)</li> <li>➢ 語音處理(3 學分)</li> <li>➢ 適應性訊號處理(3 學分)</li> <li>➢ 自走式機器人(3 學分)</li> </ul> <p>音樂科技組開設課程 (不限定學分)</p>	<p>乙組:音樂科技組課程(合開)</p> <p>*字號為核心課程，論文研討為必修課程</p> <ul style="list-style-type: none"> <li>➢ 論文研討 (0 學分) 至少 4 學期且需及格</li> <li>➢ *電腦音樂媒介: Max 自動創作(3 學分)</li> <li>➢ *電腦音樂技巧:音訊處理與創作(2 學分)</li> <li>➢ *互動與數位藝術程式(3 學分)</li> <li>➢ *新音樂劇場互動設計(二)(2 學分)</li> <li>➢ *電腦音樂技巧:科技與互動(2 學分)</li> <li>➢ 數位管絃樂團演奏實務 (3 學分)</li> <li>➢ 電腦音樂媒介: MSP 聲音合成 (3 學分)</li> <li>➢ 音樂科技導論(3 學分)</li> <li>➢ 數位音樂製作導論(2 學分)</li> <li>➢ 混合實境(3 學分)</li> <li>➢ 錄音工程(3 學分)</li> </ul> <p>音訊工程組開設課程 (不限定學分)</p> <p>音樂所創作組之外開設課程(至多 6 學分)</p>

## Master Program of Sound and Music Innovative Technologies

Academic Year 2017

Mini. year of Study	2 years	
Required Credits	24 credits: 3 core courses One Group B course required for Group A students, one Group A course required for Group B students	
Regulations for required courses and courses required for graduation	<p>Group A: Audio Engineering Group courses (combined courses)</p> <p>* indicates core courses</p> <p>*Seminar (0 credit). At least 4 semesters with passing grades required.</p> <p>*Signals and Systems (3 credits)</p> <p>*Digital Signal Processing(3 credits)</p> <p>* Principles of sensors and measurement systems (3 credits)</p> <p>* Embedded Operating Systems (3 credits)</p> <p>Digital Control System (3 credits)</p> <p>Speeching Processing (3 credits)</p> <p>Adaptive Signal Processing (3 credits)</p> <p>Autonomous Mobile Robots (3 credits)</p> <p>Music Technology Group courses (no credit limits)</p>	<p>Group B: Music Technology Group courses (combined courses)</p> <p>* indicates core courses</p> <p>➢ *Seminar (0 credit). At least 4 semesters with passing grades required.</p> <p>➢ *Computer Music Media: MAX (3 credits)</p> <p>➢ *Computer Music Technique: DSP and Composition (2 credits)</p> <p>➢ *Interactive and Digital Art Programming (3 credits)</p> <p>➢ *Praxis in Interactive Composition of New Music Theatre II (2 credits)</p> <p>➢ *Computer Music Techniques:Technology and Interaction (2 credits)</p> <p>➢ Introduction to Music Technology (3 credits)</p> <p>➢ Performing Practice of Digital Orchestra(3 credit)</p> <p>➢ Computer Media:MSP (3 credits)</p> <p>➢ Int. to Edition of Digital Music(2 credits)</p> <p>➢ Mixed Reality (3 credits)</p> <p>➢ Sound Engineering (3 credits)</p> <p>Audio Engineering Group courses (no credit limits)</p> <p>Except for Music Composition Group courses (maximum 6 credits)</p>
Note	The Chinese version of the document shall prevail in case of any discrepancy or inconsistency between Chinese version and its English translation.	