

**Course Structure for M.A. Program**  
**Interdisciplinary Studies in Music and Technology(GPE), Department of Music**  
**National Taiwan Normal University**

Adaptive to Class of	Required Credit(s)	Elective Credit(s)	Free Elective Credit(s)	Minimum Total Credits for Graduation
112	8.0	16.0	8.0	32.0

Note: The first alphabet "E" on the course name refers to the course in English as a medium of instruction

**I. Required Courses: 0.0 credit is required**

**II. Elective Courses: 0.0 credit is required**

Please refer to the list of elective courses offered by each major division.

**III. Courses Offered to Students in Different Divisions**

Required Course, 8.0 credits are required

Course Code	Course Name	Credit(s)	Credit Unit		Note
			Lecture Hour	Lab/Practice Hour	
MUM0250	1 E Special Topics in Interdisciplinary Studies of Music and Technology (I)	2.0	2.0	0.0	
MUM0251	2 E Special Topics in Interdisciplinary Studies of Music and Technology (II)	2.0	2.0	0.0	
MUM0256	3 E Research Methodology of Music Interdisciplinary Studies	2.0	2.0	0.0	
MUM0255	4 E Seminar in Music Technology and Digital Art	2.0	2.0	0.0	

Elective Course: 16.0 credits are required

Course Code	Course Name	Credit(s)	Credit Unit		Note
			Lecture Hour	Lab/Practice Hour	
<b>1 The Elective Courses 14.0 credits are required</b>					
MUM0245	1-1 E Interactive System Design for Acoustic Instrument and Live Electronic Performance	2.0	2.0	0.0	
MUC9006	1-2 E Music and Interdisciplinary Collaborations	2.0	2.0	0.0	
MUC8014	1-3 E Selected Topics in Early Music	2.0	2.0	0.0	
MUC8015	1-4 E Selected Topics in Eighteenth-Century Music	2.0	2.0	0.0	
MUC8016	1-5 E Selected Topics in Nineteenth-Century Music	2.0	2.0	0.0	
MUC8017	1-6 E Selected Topics in Music since 1900	2.0	2.0	0.0	
MUC8018	1-7 E Selected Topics in Russian Music	2.0	2.0	0.0	
MUC8013	1-8 E Performance Practice	2.0	2.0	0.0	
MUC8019	1-9 E Music Research and Analysis	2.0	2.0	0.0	
MUC9028	1-10 E The Study of Orchestration	2.0	2.0	0.0	
MUC9029	1-11 E The Advanced Study of Orchestration	2.0	2.0	0.0	
MUC9030	1-12 E Advanced Electronic Music (I)	2.0	2.0	0.0	
MUC9031	1-13 E Advanced Electronic Music (II)	2.0	2.0	0.0	
<b>2 The Elective Courses 2.0 credits are required</b>					
EMM0105	2-1 E Music and Modernity of East Asia	2.0	2.0	0.0	
EMM0122	2-2 E Art Song across Cultures	2.0	2.0	0.0	
EMM0123	2-3 E Listening to Sinophone Musical Cultures	2.0	2.0	0.0	
EMM0109	2-4 E Music, Society and Culture	2.0	2.0	0.0	
CSC0010	2-5 E Wireless Communications	3.0	3.0	0.0	
CSC0056	2-6 E Data Communication	3.0	3.0	0.0	
CSC9005	2-7 E Data Visualization	3.0	3.0	0.0	
CSC0032	2-8 E Artificial Neural Network	3.0	3.0	0.0	
CSC9006	2-9 E Real-Time Systems	3.0	3.0	0.0	
CSC0029	2-10 E Computer Vision	3.0	3.0	0.0	

**IV. Free Elective Credits: 8.0 credits are required**

The courses (category F-2-2) from the other categories, elective courses from the other departments or courses from the other universities are optional.