

## Program & Degree

### Music Technology

#### Degree

Bachelor of Music

#### Program overview

The Bachelor of Music program aims to produce quality graduates with proficiencies to perform/compose music or pursue their music related career (e.g. music education, music business, and/or music technology) in the international working environment. This four-year program (maximum length of 8 years) consists of 9 majors, including Classical Performance, Jazz, Composition, Music Theatre, Popular Music, Thai and Oriental Music, Music Education and Pedagogy, Music Business, Music Technology. The student must complete a total of 139 credits to complete the program.

#### Program Structure

##### Music Technology (Western Music)

Music Technology – Western Music, Year 1						
Year 1/1			Year 1/2			
MUGE 101	General Educations for Human Development	2 (1-2-3)	MSGE 103	Arts and Sciences for Human Development	2 (2-0-4)	
MSGE 102	Social Studies for Human Development	3 (3-0-6)	MSGE 112	English 2	2 (2-0-4)	
MSGE 111	English 1	2 (2-0-4)	MSTE 102	Foundations of Technology in Music	2 (2-0-4)	
MSAP 111	Major Performance 1	4 (0-8-4)	MSAP 112	Major Performance 2	4 (0-8-4)	
MSAP 131	Small Ensemble 1	1 (0-2-1)	MSAP 132	Small Ensemble 2	1 (0-2-1)	
MSAP 135	Large Ensemble 1	2 (0-4-2)	MSAP 136	Large Ensemble 2	2 (0-4-2)	
MSPF 111/	Keyboard Skills 1 /	1 (0-2-1)	MSPF 112/	Keyboard Skills 2 /	1 (0-2-1)	
MSPF 113	Keyboard Harmony 1		MSPF 114	Keyboard Harmony 2		
MSTC 131	Sight Singing and Ear Training 1	1 (0-2-1)	MSTC 132	Sight Singing and Ear Training 2	1 (0-2-1)	
MSTC 151	Western Music Theory 1	2 (2-0-4)	MSTC 152	Western Music Theory 2	2 (2-0-4)	
MSVO 101/	English Diction for Singing /	1 (0-2-1)	MSTE 122	Audio Engineering	2 (2-0-4)	
MSVO 111	Voice Class 1		MSTE 123	Electronic Music Production 1	2 (2-0-4)	
MSTE 100	Recording Engineering Overview (Recital Attendance)	1 (1-0-2)		(Recital Attendance)		
<b>Total 20 Credits</b>			<b>Total 21 Credits</b>			

Music Technology – Western Music, Year 2					
Year 2/1			Year 2/2		
MSGE 211	English 3	2 (2-0-4)	MSGE 212	English 4	2 (2-0-4)
MSAP 211	Major Performance 3	4 (0-8-4)	MSBU 241	Principle of Management	2 (2-0-4)
MSCY 211	Western Music History 1	2 (2-0-4)	MSAP 212	Major Performance 4	4 (0-8-4)
MSPF 211/	Keyboard Skills 3 /	1 (0-2-1)	MSCY 212	Western Music History 2	2 (2-0-4)
MSPF 213/	Keyboard Harmony 3 /		MSPF 212/	Keyboard Skills 4 /	1 (0-2-1)
MSJA 111/	Instrumental Class - Jazz 1 /		MSPF 214/	Keyboard Harmony 4 /	
MSJA 211/	Jazz Piano Class 1 /		MSJA 112/	Instrumental Class - Jazz 2 /	
MSEN 211	Popular Keyboard Skills 1		MSJA 212/	Jazz Piano Class 2 /	
MSTC 231/	Sight Singing and Ear Training 3 /	1 (0-2-1)	MSEN 212	Popular Keyboard Skills 2	
MSJA 213	Ear Training for Jazz and Pop Musicians 1		MSTC 232/	Sight Singing and Ear Training 4 /	1 (0-2-1)
MSTC 251/	Western Music Theory 3 /	2 (2-0-4)	MSJA 214	Ear Training for Jazz and Pop Musicians 2	
MSTC 253	Popular Music Theory 1		MSTC 252/	Western Music Theory 4 /	2 (2-0-4)
MSTH 111	Basic Gong Wong Yai 1	1 (0-2-1)	MSTC 254	Popular Music Theory 2	
MSTE 271	Studio Recording 1	2 (0-4-2)	MSTE 272	Studio Recording 2	2 (0-4-2)
MSTE 273	Digital Recording Technology 1	2 (2-0-4)	MSTE 274	Digital Recording Technology 2	2 (2-0-4)
MSTE 281	Recording Laboratory 1 (Recital Attendance)	1 (0-2-1)	MSTE 282	Recording Laboratory 2 (Recital Attendance)	1 (0-2-1)
<b>Total 18 Credits</b>			<b>Total 19 Credits</b>		

Music Technology – Western Music, Year 3					
Year 3/1			Year 3/2		
MSGE 313	Thai 1	2 (2-0-4)	MSGE 314	Thai 2	2 (2-0-4)
MSGE 341	Personality Development	1 (1-0-2)	MSBU 141	Principles of Economics	2 (2-0-4)
MSCY 311	Western Music History 3	2 (2-0-4)	MSCY 312	Western Music History 4	2 (2-0-4)
MSTH 301	History and Theory of Thai Music	1 (1-0-2)	MSTE 342	Lighting Design	2 (2-0-4)
MSTC 255	Orchestration 1	2 (2-0-4)	MSTE 372	Studio Recording 4	2 (0-4-2)
MSTE 322	Electronic Music Production 2	2 (2-0-4)	MSTE 374	Ensemble Recording 2	2 (1-2-3)
			MSTE 377	Orchestra Recording	2 (2-0-4)
			MSTE 378	Digital Mastering	2 (2-0-4)

MSTE 341	Sound Design	2 (2-0-4)	MSTE 382	Recording Laboratory 4	1 (0-2-1)
MSTE 371	Studio Recording 3	2 (0-4-2)	MSTE 383	Electronic Live Music Technology	2 (2-0-4)
MSTE 373	Ensemble Recording 1	2 (1-2-3)		(Free Electives)	2 Credits
MSTE 375	Studio Electronics Equipment	1 (0-2-1)		(Recital Attendance)	
MSTE 381	Recording Laboratory 3 (Recital Attendance)	1 (0-2-1)			
<b>Total 18 Credits</b>			<b>Total 21 Credits</b>		

<b>Music Technology – Western Music, Year 4</b>					
<b>Year 4/1</b>			<b>Year 4/2</b>		
MSGE 423	Ethical Issues in Music	2 (2-0-4)	MSTE 462	Music Recording Production 2	2 (2-0-4)
MSGE 422	The Arts and Cultures of Southeast Asia	2 (2-0-4)	MSTE 481	Music Technology Internship	5 (0-10-5)
MSTE 451	Live Sound Reinforcement	2 (0-4-2)	MSTE 482	Show Production and Management	3 (2-2-5)
MSTE 461	Music Recording Production 1 (Free Electives) (Recital Attendance)	2 (2-0-4) 2 Credits		(Free Electives) (Recital Attendance)	2 Credits
<b>Total 10 Credits</b>			<b>Total 12 Credits</b>		

### Music Technology (Thai and Eastern Music)

<b>Music Technology - Thai and Eastern Music, Year 1</b>					
<b>Year 1/1</b>			<b>Year 1/2</b>		
MUGE 101	General Educations for Human Development	2 (1-2-3)	MSGE 103	Arts and Sciences for Human Development	2 (2-0-4)
MSGE 102	Social Studies for Human Development	3 (3-0-6)	MSGE 112	English 2	2 (2-0-4)
MSGE 111	English 1	2 (2-0-4)	MSTE 102	Foundations of Technology in Music	2 (2-0-4)
MSAP 111	Major Performance 1	4 (0-8-4)	MSAP 112	Major Performance 2	4 (0-8-4)
MSAP 131	Small Ensemble 1	1 (0-2-1)	MSAP 132	Small Ensemble 2	1 (0-2-1)
MSAP 135	Large Ensemble 1	2 (0-4-2)	MSAP 136	Large Ensemble 2	2 (0-4-2)
MSTC 101	Introduction to Western Music Theory	2 (2-0-4)	MSTH 117	Thai Rhythmic Percussion 1	1 (0-2-1)

MSTH 111/	Basic Gong Wong Yai 1 /	1 (0-2-1)	MSTH 119	Thai Folk Music	1 (0-2-1)
MSTH 113/	Basic Ranad Ake 1 /			Performance	
MSTH 115/	Basic Gong Wong Lek /		MSTH 132	Thai Music Theory 2	1 (1-0-2)
MSTH 116	Basic Ranad Tum		MSTH 231	Thai Musical	1 (1-0-2)
MSTH 131	Thai Music Theory 1	1 (1-0-2)		Instrumentation and Tuning	
MSTH 161	Thai Folk Music 1	1 (1-0-2)	MSTE 122	Audio Engineering	2 (2-0-4)
MSTE 100	Recording Engineering	1 (1-0-2)	MSTE 123	Electronic Music	2 (2-0-4)
	Overview			Production 1	
	(Recital Attendance)			(Recital Attendance)	
<b>Total 20 Credits</b>			<b>Total 21 Credits</b>		

Music Technology - Thai and Eastern Music, Year 2					
Year 2/1			Year 2/2		
MSGE 211	English 3	2 (2-0-4)	MSGE 212	English 4	2 (2-0-4)
MSAP 211	Major Performance 3	4 (0-8-4)	MSBU 241	Principle of Management	2 (2-0-4)
MSCY 210	Introduction to	1 (1-0-2)	MSAP 212	Major Performance 4	4 (0-8-4)
	Western Music History		MSTH 211/	Basic Thai Strings 1 /	1 (0-2-1)
MSPF 111	Keyboard Skills 1	1 (0-2-1)	MSTH 213/	Basic Thai Percussion 1 /	
MSTH 217	Basic Thai Voice 1	1 (0-2-1)	MSTH 215	Basic Thai Wind	
MSTH 237	Transcription and	1 (0-2-1)		Instrument 1	
	Notation in Music		MSTH 219	Kaen Ensemble 1	1 (0-2-1)
MSTH 241	History and	2 (2-0-4)	MSTH 235	Vocal Music for Thai	1 (0-2-1)
	Development of Thai Music			Traditional Performance	
MSTH 243	Music of the	2 (2-0-4)	MSTH 236	Thai Music Melodic	2 (2-0-4)
	Southeast Asia			Variation	
MSTE 271	Studio Recording 1	2 (0-4-2)	MSTH 261	Thai Musical	1 (0-2-1)
MSTE 273	Digital Recording	2 (2-0-4)		Instrument Production and	
	Technology 1			Maintenance	
MSTE 281	Recording Laboratory 1	1 (0-2-1)	MSTE 272	Studio Recording 2	2 (0-4-2)
	(Recital Attendance)		MSTE 274	Digital Recording	2 (2-0-4)
				Technology 2	
			MSTE 282	Recording Laboratory 2	1 (0-2-1)
				(Recital Attendance)	
<b>Total 19 Credits</b>			<b>Total 19 Credits</b>		

Music Technology - Thai and Eastern Music, Year 3						
Year 3/1			Year 3/2			
MSGE 313	Thai 1	2 (2-0-4)	MSGE 314	Thai 2	2 (2-0-4)	
MSGE 341	Personality Development	1 (1-0-2)	MSBU 141	Principles of Economics	2 (2-0-4)	
MSTH 321	Basic Eastern Music 1	1 (0-2-1)	MSTH 432	Form and Analysis of	2 (2-0-4)	
MSTC 255	Orchestration 1	2 (2-0-4)		Thai Music		
MSTE 322	Electronic Music	2 (2-0-4)	MSTE 342	Lighting Design	2 (2-0-4)	
	Production 2		MSTE 372	Studio Recording 4	2 (0-4-2)	
MSTE 341	Sound Design	2 (2-0-4)	MSTE 374	Ensemble Recording 2	2 (1-2-3)	
MSTE 371	Studio Recording 3	2 (0-4-2)	MSTE 377	Orchestra Recording	2 (2-0-4)	
MSTE 373	Ensemble Recording 1	2 (1-2-3)	MSTE 378	Digital Mastering	2 (2-0-4)	
MSTE 375	Studio Electronics	1 (0-2-1)	MSTE 382	Recording Laboratory 4	1 (0-2-1)	
	Equipment		MSTE 383	Electronic Live Music	2 (2-0-4)	
MSTE 381	Recording Laboratory 3	1 (0-2-1)		Technology		
	(Recital Attendance)			(Free Electives)	2 Credits	
				(Recital Attendance)		
<b>Total 16 Credits</b>			<b>Total 21 Credits</b>			

Music Technology - Thai and Eastern Music, Year 4						
Year 4/1			Year 4/2			
MSGE 423	Ethical Issues in Music	2 (2-0-4)	MSTE 462	Music Recording	2 (2-0-4)	
MSGE 422	The Arts and Cultures of	2 (2-0-4)		Production 2		
	Southeast Asia		MSTE 481	Music Technology	5 (0-10-5)	
MSTH 334	Music Accompaniment	1 (0-2-1)		Internship		
	for Thai Performing Arts		MSTE 482	Show Production	3 (2-2-5)	
MSTE 451	Live Sound	2 (0-4-2)		and Management		
	Reinforcement			(Free Electives)	2 Credits	
MSTE 461	Music Recording	2 (2-0-4)		(Recital Attendance)		
	Production 1					
	(Free Electives)	2 Credits				
	(Recital Attendance)					
<b>Total 11 Credits</b>			<b>Total 12 Credits</b>			