

85-756 (Graduate) Music and Mind: The Cognitive Neuroscience of Sound 9u





MUSIC AND TECHNOLOGY MAJOR (graduate) 2010 and later

Core Cou A specific se		rses will be identified by the Gradua	60 units e in consultation with each student on the basis of his or her bac	ekground and experience. At least 24 units will be	
courses in the	e School of M		urses in Computer Scie	ence or Electrical and Computer Engineering. Courses fulfilling	
courses fisted	below. Con	e courses and support courses may n	iciude mesis research t	mits.	
When?	Grade?	Title		Units	
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	_				
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Support 6		chosen by the student. A graduate	ctudent chould not rer	36 units eat courses previously taken as an undergraduate student at Carr	nagia Mallan or alcowhere Courses fulfilling this
				support courses may include thesis research units.	negic inches of cisewicie. Courses furning uns
When?	Grade?	Title		Units	
mun:	Graue:				
D C	10	4 m •		10 4	
Periorma	ince/Caps	stone Thesis		18 units	
When?	Grade?	Title		Units	
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				_	
		logy Seminar		4 units	
Candidates to	or the School	of Music Master of Science degree	in music and technolog	sy are required to pass Sound and Music Computing Seminar ever	ry semester of residence in the School of Music.
When?	Grade?	Title		Units	
		57-970 Sound and Music		inar <u>1</u>	
		57-970 Sound and Music			
		57-970 Sound and Music 57-970 Sound and Music		inar <u>I</u>	
		37-970 Soulid and Music	Computing Sem	<u>1</u>	
Elective (Courses			26 units	
When?	Grade?			Units	
	_				
				-	
TOTAL	UNITS: 1	144			
S. in Music and Technologies and a second leteral	ology Course	Nestors students are an assurated to	talea agunaga in Musi	c, Computer Science, and Electrical Engineering and any other	demonstrates that are not angelifically Mysic and
				ning offered by various departments at Carnegie Mellon. Any of	
		aduate Catalog for a complete unde e will help you select courses.	rgraduate course listin	g. Courses, including graduate courses, are listed in the University	ity Schedule of Classes (with link to short course
scriptions). Tour adviso	лу сопшис	e will help you select courses.			
	er Music Systems and Technology			85-785 Auditory Perception: Sense of Sound 57-377 Psychology of Music	var. 9u
15-323 Computer Musi	22 Introduction to Computer Music 23 Computer Music Systems and Information Processing			Music Theory	, u
50-439 Advanced SIS: nal Processing	39 Advanced SIS: Hybrid Instrument Building			57-441 Analysis of 19 th Century Music 57-442 Analytical Techniques	9u 9u
	90 Signals and Systems			57-430 Music of Iran	9u 9u
	91 Digital Signal Processing 51 Digital Communication and Signal Processing System Design			57-605 Theory and Analysis for Graduate Students	6u
	92 Advanced Digital Signal Processing			57-760 Schenker Analysis 57-934 Advanced Analytic Techniques	9u 9u
18-798 Image, Video, a	98 Image, Video, and Multimedia			57-968 20th Century Techniques	6u
sic Information Retrie 11-755 Machine Learn	nformation Retrieval 55 Machine Learning for Signal Processing			57-954 Shaping Time in Performance Music History	9u
5-826 Multimedia Da	26 Multimedia Databases and Datamining			57-606 Music History for Graduate Students 1	9u
chine Learning 0-601 or 10-701 Intro	e Learning 01 or 10-701 Intro to Machine Learning			57-609 Music History for Graduate Students 2 57-209 The Beatles	9u 9u
0-705 Intermediate St	05 Intermediate Statistics			79-345 The Roots of Rock and Roll, 1870-1970	9u 9u
oustics/Recording/Inst	rument Desig	n	12u	Composition	
8-493 Electroacoustic 7-947 Sound Recordii			12u 6u	57-721 Major Studio (Composition) 57-258 20 th and 21 st Century Techniques	9u 6u
57-947 Sound Recording a		3	6u	57-27x Orchestration	6u
57-949 Multitrack Reco	49 Multitrack Recording			Performance	
48-726 Environment II: Acoustics and Lighting			9u	57-969 (Graduate) Score Reading/Keyboard Harmony	6u

57-xxx Technologically-assisted performance independent study