

Stanford University Department of Music — MA/MST Program 2008-09

You must take at least 11 units per quarter to be full-time, but to meet the requirement for the Master's (45 units) you should take at least 15; you cannot take more than 18 without an extra tuition charge. REMEMBER: You must take all Music Department courses* you wish to count toward your Master's for a letter grade (an A or B is needed to count the units), unless the instructor has designated the course as "S/NC" (Satisfactory/No Credit).

Please plan your year in the Autumn quarter, and fill out the MA Program Proposal form; submit to Tricia Schroeter by the end of Autumn quarter. Any changes incorporated into this Program Proposal must be authorized by your advisor, in writing!

Cat. # Title	Autumn	Instructor	Required Units
Required Courses			
192A.01 Foundations of Sound-Recording Technology		Kadis, J	3
220A.01 Fundamentals of Computer-Generated Sound		Wang, G	4
250A.01 HCI Theory and Practice		Ju, W	4
320.01 Introduction to Digital Audio Signal Processing		Abel, J; Berners, D.	4
CCRMA Electives			
128X.01 Composing, Coding, and Performance for Laptop Orchestra (extended)		Wang, G	1
192C.01 Session Recording		Kadis, J	1-2
256.01 Music, Computing, and Design		Wang, G	1-4
319.01 Research Seminar on Computational Models of Sound Perception		Slaney, M	1-3
423.01 Graduate Seminar in Signal Processing Research		Abel, J; Berners, D.	1
Cat. # Title	Winter	Instructor	Required Units
Required Courses			
151.01 Psychophysics and Cognitive Psychology for Musicians		Berger, J; Menon, V	4
192B.01 Advanced Sound-Recording Technology		Kadis, J	3
220B.01 Compositional Algorithms, Psychoacoustics, and Spatial Processing		Wang, G	4
420.01 Signal Processing Models in Musical Acoustics		Smith, JO	3
CCRMA Electives			
128X.01 Composing, Coding, and Performance for Laptop Orchestra (extended)		Wang, G	1
150.01 Musical Acoustics		Rossing, T	3
158.01 Soundwire Ensemble		Chafe, C	2-3
192C.01 Session Recording		Kadis, J	1-2
250B.01 HCI Performance Systems		Ju, W	1-4
251.01 Music, the Brain and Human Behavior		Berger, J; Menon, V	1-5
253.01 Musical Information: An Introduction		Selfridge-Field, E	1-4
318.01 Advanced Acoustics: Sound and Vibration		Rossing, T	1-5
319.01 Research Seminar on Computational Models of Sound Perception		Slaney, M	1-3
422.01 Perceptual Audio Coding		Bosi, M	1-3
423.01 Graduate Seminar in Signal Processing Research		Smith, JO	1-4
Cat. # Title	Spring	Instructor	Required Units
Required Courses			
154.01 Composition and Performance of Instrumental Music with Electronics		Staff	3
220C.01 Research Seminar in Computer-Generated Music		Staff	4
421.01 Audio Applications of the Fast Fourier Transform (FFT)		Smith, JO	3
CCRMA Electives			
128.01 Composing, Coding, and Performance for Laptop Orchestra		Wang, G	1-5
192C.01 Session Recording		Kadis, J	1-2
254.01 Applications of Musical Information: Query, Analysis, and Style Simulation		Selfridge-Field, E	1-4
319.01 Research Seminar on Computational Models of Sound Perception		Slaney, M	1-3
423.01 Graduate Seminar in Signal Processing Research		Smith, JO	1-4
424.01 Signal Processing Techniques for Digital Audio Effects		Berners, Abel	3-4

*Of course, MA/MST students may also take other department's classes (i.e. Engineering, Computer Science, or anything else), for "CR/NC" (Credit/No Credit), and as long as these extra-departmental classes are numbered at or above the 100 level, units may be counted toward the degree; see the Bulletin and Time Schedule and ask your advisor and/or any CCRMA faculty for tips on topics/ensembles, etc. that may interest you.