

Stanford University Department of Music — MA/MST Program 2004-05

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, 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 Debbie Barney in Braun 101 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		Chafe, C	4
250A.01	HCI Theory and Practice		Verplank, W	4
320.01	Introduction to Digital Audio Signal Processing		Smith, J	3
CCRMA Electives				
120.01	Auditory Remapping of Bioinformatics		Berger, J	1-3
120Z.01	Musique Concrète in the Digital Era		Staff	3
192C.01	Session Recording		Kadis, J	1-2
319.01	Research Seminar on Computational Models of Sound Perception		Slaney, M	1-3
423.01	Graduate Seminar in Signal Processing Research		Smith, J	1

Cat. #	Title	Winter	Instructor	Required Units
Required Courses				
151.01	Psychophysics and Cognitive Psychology for Musicians		Berger, J	4
192B.01	Advanced Sound-Recording Technology		Kadis, J	3
220B.01	Compositional Algorithms, Psychoacoustics, and Spatial Processing		Lopez-Lezcano, F	4
420.01	Signal Processing Models in Musical Acoustics		Smith, J	3
CCRMA Electives				
192C.01	Session Recording		Kadis, J	1-2
250B.01	HCI Performance Systems		Verplank, W	4
253.01	Musical Information: An Introduction		Selfridge-Field, E	1-4
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, J	1

Cat. #	Title	Spring	Instructor	Required Units
Required Courses				
154.01	Composition and Performance of Instrumental Music with Electronics		Berger, J	1-3
220C.01	Research Seminar in Computer-Generated Music		Chafe, C	4
421.01	Audio Applications of the Fast Fourier Transform		Smith, J	3
CCRMA Electives				
150.01	Musical Acoustics		Staff	3
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, J	1
424.01	Signal Processing Techniques for Digital Audio Effects		Staff	1

*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.