# Master of Applied Science in Music Technology and Computation

**Subject Requirements**

The Master of Applied Science in Music Technology and Computation requires a minimum of 92 units of subject credit.

### Foundation Subjects

- **21M.540** Musical Thinking 12

One of the following, selected by the advisor at the time of admission:

- **21M.541** Harmony and Counterpoint I with Computational Applications 12
- **21M.565** Programming for Music

A 12-unit Restricted Elective or Advanced Subject

### Overviews

Select three of the following subjects in conjunction with the advisor:

- **21M.572** Overview of Music Perception and Cognition 12
- **21M.573** Overview of Acoustics and the Physics of Sound
- **21M.574** Overview of Musical Software and Formats
- **21M.576** Overview of Mathematics for Music Applications
- **21M.577** Overview of the Principles of Signals

### Restricted Elective

Select one of the following subjects:

- **21M.560** Introduction to Music Technology 12
- **21M.561** Electronic Music Composition I
- **21M.562** Electronic Music Composition II
- **21M.569** Studies in Music Technology
- **21M.570** Digital Instrument Design
- **21M.580(J)** Musical Aesthetics and Media Technology
- **21M.731** Sound Design for Theater and Dance
- **MAS.837** Principles of Electronic Music Interfaces

### Elective

Select 12 units from Restricted Electives, Overviews, or Advanced Subjects; **21M.517**; or with permission of advisor, any other subjects in music, computation, or technology.

### Colloquium

- **21M.590** Colloquium in Music Technology (taken twice) 2

### Capstone

- **21M.591** Capstone Project in Music Technology 6

**Total Units** 92

**Note:**

Some required subjects may be exempted for students on the basis of successful performance on a diagnostic examination. In these cases, the units shall be substituted by an equal number of units from the Elective requirement.