

Sonic Arts, Minor

Sonic Arts Minor

Kelly Delaney, Advisor
 kellydel@andrew.cmu.edu
<https://ideate.cmu.edu> (<http://ideate.cmu.edu>)

Overview

~~Sonic artists craft transformative experiences through sound as a primary medium.~~ Just as visual artists create landscapes, portraits, and narratives through light, color, and form, sonic artists craft transformative experiences through sound, noise, and music.

Students in the *Sonic Arts* minor explore the processes and products of digital sound design and music production. Combining ~~specialized~~ training with courses that bring together experts from many disciplines, they create experimental music and explore emerging applications and markets for sound design, music creation, and performance.

Receive training in key component areas:

- ~~Principles of computer and electronic music~~
- ~~Sound synthesis~~
- ~~Spatial audio~~
- ~~Core practices in sound design~~

~~The *Sonic Arts* minor is offered through a collaboration between IDeATe and the School of Music (<https://www.cmu.edu/cfa/music/>), bringing together expertise from across the university.~~

Curriculum

Sonic Arts Minor Minimum of 45 Units

One Computing Course - Minimum of 9 Units

		Units
15-104	Introduction to Computing for Creative Practice	10
15-110	Principles of Computing	10
15-112	Fundamentals of Programming and Computer Science	12
60-212	Intermediate Studio: Creative Coding	12

One IDeATe Portal Course - Minimum of 9 Units

57-345	Twisted Signals: Multimedia Processing for the Arts offered only in the Spring	10
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IDeATe Sonic Arts Courses - Minimum of 27 Units

15-322	Introduction to Computer Music	9
33-114	Physics of Musical Sound	9
54-166	Introduction to Sound Design for Theatre	6
54-267	Conceptual Sound Design	9
57-337	Sound Recording	6
57-344/60-407	Experimental Sound Synthesis	9
57-347	Electronic and Computer Music	6
57-358	Understanding Electronic Music portfolio required for registration	9
57-359	Audiovisual Composition	9
57-421	Exploded Ensemble	6
57-458	Business of Music	6

Additional course options as available. Please refer to the IDeATe website for courses for the current and upcoming semester.

Double-Counting

Students may double-count up to two of their *Sonic Arts* minor courses for other requirements.