

Electronic Music, B.F.A

Overview

The Electronic Music major at CMU combines instruction in emerging practices for sound design, computer-based music generation, and electronic/electro-acoustic/intermedia performance, together with a rigorous education in traditional music subjects. Our students' exploration of emerging modes of sound synthesis, creative coding, and electronic instrument design are grounded with courses in music theory, history, solfege, and conducting. The Electronic Music major combines studies in electronic music composition, performance, production, and sonic art to form an integrative approach to the future of music-making.

Electronic Music majors write and perform music with CMU's groundbreaking Exploded Ensemble, a group dedicated to multimedia performances of new experimental music. Working in state-of-the-art facilities for immersive sound, visuals, and immersive interaction, the Electronic Music major culminates in an ambitious capstone, which may take the form of an evening-length performance, an interactive experience, or a multimedia recording project.

Bachelor of Science Programs in Music	Minimum Units Required for Graduation
Bachelor of Fine Arts in Electronic Music	404

Curriculum

Bachelor of Fine Arts (BFA) in Electronic Music students must take at least 3 semesters of 57-421 Exploded Ensemble, after which they can enroll in other **6-unit ensembles only**, if they choose.

FIRST-YEAR FALL (58 units)

	Units
57-100 Convocation	1
57-149 Basic Harmony I	9
or 57-152 Harmony I	
57-161 Eurhythmics I	3
57-180 Basic Solfege I	3
or 57-181 Solfege I	
or 57-185 Advanced Solfege I	
57-191 Keyboard Studies I	3
or 57-193 Keyboard Studies III	
57-358 Understanding Electronic Music	9
57-421 Exploded Ensemble	6
57-523 Major Studio (Electronic Music)	9
57-560 Electronic Music Seminar	3
76-1XX First-Year Writing Course	9
99-101 Core@CMU	3
	58

FIRST-YEAR SPRING (56 units)

	Units
57-100 Convocation	1
57-150 Basic Harmony II	9
or 57-153 Harmony II	
57-162 Eurhythmics II	3
57-182 Solfege II	3
or 57-186 Advanced Solfege II	
57-192 Keyboard Studies II	3
or 57-194 Keyboard Studies IV	
57-345 Twisted Signals: Multimedia Processing for the Arts	10
57-421 Exploded Ensemble	6
57-523 Major Studio (Electronic Music)	9
57-560 Electronic Music Seminar	3

XX-XXX	Global, Cultural, & Diverse Perspectives Course	9
		56

SECOND-YEAR FALL (53 units)

	Units
57-100 Convocation	1
57-163 Eurhythmics III	3
57-173 Survey of Western Music History	9
57-183 Solfege III	3
or 57-487 Advanced Solfege III	
57-188 Repertoire and Listening for Musicians	1
57-193 Keyboard Studies III	3
57-257 Orchestration I	6
57-421 Exploded Ensemble	6
57-523 Major Studio (Electronic Music)	9
57-560 Electronic Music Seminar	3
XX-XXX Electronic Music Support Course	9
	53

SECOND-YEAR SPRING (52 units)

	Units
57-100 Convocation	1
57-164 Eurhythmics IV	3
57-184 Solfege IV	3
or 57-488 Advanced Solfege IV	
57-194 Keyboard Studies IV	3
57-408 Form and Analysis	6
57-421 Exploded Ensemble	6
or 57-4XX other Ensemble	
57-285 Music History III	9
57-523 Major Studio (Electronic Music)	9
57-560 Electronic Music Seminar	3
57-XXX Music Elective	9
XX-XXX Electronic Music Support Course	9
	61

THIRD-YEAR FALL (52 units)

	Units
15-104 Introduction to Computing for Creative Practice	10
or 15-110 Principles of Computing	
or 15-112 Fundamentals of Programming and Computer Science	
57-332 Introduction to Conducting	6
57-421 Exploded Ensemble	6
or 57-4XX Exploded Ensemble or other Ensemble	
57-521 Major Studio (Composition)	9
57-560 Electronic Music Seminar	3
XX-XXX Electronic Music Support Course	9
XX-XXX General Studies Course(s)	12
	55

THIRD-YEAR SPRING (47 units)

	Units
57-344 Experimental Sound Synthesis	9
57-359 Audiovisual Composition	9
57-421 Exploded Ensemble	6
or 57-4XX Exploded Ensemble or other Ensemble	
57-521 Major Studio (Composition)	9
57-560 Electronic Music Seminar	3
XX-XXX General Studies Course(s)	12
	48

FOURTH-YEAR FALL (45 units)

	Units
57-421 Exploded Ensemble or 57-4XX Exploded Ensemble or other Ensemble	6
57-521 Major Studio (Composition)	9
57-560 Electronic Music Seminar	3
57-XXX Music Elective	9
XX-XXX Electronic Music Support Course	9
XX-XXX General Studies Course(s)	9
	45

FOURTH-YEAR SPRING (43 units)

	Units
57-421 Exploded Ensemble or 57-4XX Exploded Ensemble or other Ensemble	6
57-521 Major Studio (Composition)	9
57-560 Electronic Music Seminar	3
57-595 Senior Electronic Music Project	1
57-XXX Music Elective	9
XX-XXX Electronic Music Support Course	6
XX-XXX General Studies Course(s)	9
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BFA in Electronic Music Course Categories	Total Units Required
Major Studio	72
Ensemble	48
Electronic Music Support	42
Music Electives	27
Electronic Music Seminar	24
Convocation	4
Other Music Courses	120
Mandatory CMU Courses (Core@CMU, First-Year Writing, GCD)	21
General Studies	36
15-104, 15-110, or 15-112	10/12