

# BXA-Music

Fall 2024

## Bachelor of Computer Science and Arts, Engineering Studies and Arts, Humanities and Arts, & Science and Arts

### College of Fine Arts (CFA) Concentration in Music

**108 units (minimum)**

**Advisor:** Kate Ganczarz, HOA 141, 412-268-2385, [kganczar@andrew.cmu.edu](mailto:kganczar@andrew.cmu.edu)

**Audition required for the Music Performance concentration option. Portfolio review/interview required for Audio Recording & Production, Composition or Sound Theory & Practice concentration option.**

Options Available in the following areas:

1) Audio Recording & Production, 2) Composition, 2) Music Performance (instrumental, organ, piano, voice), 4) Sound Theory & Practice

Note: BXA music performance only considers internal transfer applicants in the spring semester for fall enrollment, unless currently enrolled in Music performance.

#### Composition Required Courses **85 units**

57-152	Harmony I	9
or 57-149	Basic Harmony I	
57-161	Eurhythmics I (recommended co-req: 57-181)	3
57-181	Solfège I	3
or 57-180	Basic Solfège I	
or 57-185	Advanced Solfège I	
57-173	Survey of Western Music History (co-req: 57-188)	9
57-188	Repertoire and Listening for Musicians	1
57-49x	BXA Studio (4 semesters)	36
57-xxx	Major Ensemble (4 semesters)	24

#### Composition Electives **23 units minimum**

A minimum of **23** additional Music units must be approved by the Music advisor. A list of these selected courses must be filed in the BXA office.

#### Music Performance Required Courses **85 units**

57-152	Harmony I	9
or 57-149	Basic Harmony I	
57-161	Eurhythmics I (recommended co-req: 57-181)	3
57-181	Solfège I	3
or 57-180	Basic Solfège I	
or 57-185	Advanced Solfège I	
57-173	Survey of Western Music History (co-req: 57-188)	9
57-188	Repertoire and Listening for Musicians	1
57-49x	BXA Studio (4 semesters)	36
57-xxx	Major Ensemble (4 semesters)	24

#### Music Performance Electives **23 units minimum**

A minimum of **23** additional Music units must be approved by the Music advisor. A list of these selected courses must be filed in the BXA office.

# BXA-Music Technology

Fall 2024

## Bachelor of Computer Science and Arts, Engineering Studies and Arts, Humanities and Arts, & Science and Arts

### College of Fine Arts (CFA) Concentration in Music

**108 units (minimum)**

**Advisor:** Kate Ganczarz, HOA 141, 412-268-2385, [kganczar@andrew.cmu.edu](mailto:kganczar@andrew.cmu.edu)

**Audition required for the Music Performance concentration option. Portfolio review/interview required for Audio Recording & Production, Composition or Sound Theory & Practice concentration option.**

Options Available in the following areas:

1) Audio Recording & Production, 2) Composition, 2) Music Performance (instrumental, organ, piano, voice), 4) Sound Theory & Practice

#### Audio Recording & Production Required Courses **49 units**

57-152	Harmony I	9
or 57-149	Basic Harmony I	
57-101	Introduction to Music Technology (or 57-171 self-paced)	6
57-181	Solfege I	3
or 57-180	Basic Solfege I	
or 57-185	Advanced Solfege I	
57-173	Survey of Western Music History (co-req: 57-188)	9
57-188	Repertoire and Listening for Musicians	1
57-337	Sound Recording	6
57-338	Sound Editing and Mastering	6
57-438	Multitrack Recording	9

#### Audio Recording & Production Electives **59 units minimum**

Choose **59** units from:

57-153	Harmony II	9
or 57-150	Basic Harmony II	
57-182	Solfege II	3
or 57-186	Advanced Solfege II	
10-301	Introduction to Machine Learning	12
15-104	Introduction to Computing for Creative Practice	10
15-213	Introduction to Computer Systems	12
15-322	Introduction to Computer Music	9
18-090	Twisted Signals: Multimedia Processing for the Arts	10
33-114	Physics of Musical Sound	9
54-166	Introduction to Sound Design for Theatre	6
54-666B	Production Audio	4
57-161	Eurhythmics I	3
57-162	Eurhythmics II	3
57-344	Experimental Sound Synthesis	9
57-347	Electronic and Computer Music	6
57-358	Introduction to Electronic Music	9
	(with instructor permission as space allows)	
57-421	Exploded Ensemble	6
57-427	Advanced Seminar in Film Musicology	9
57-478	Survey of Historical Recording	6
57-622	Independent Study in Sound Recording Production	3
60-131	Foundations: Sculpture	10
85-385	Auditory Perception: Sense of Sound	9

Note: Students completing an IDEATe minor may double-count up to two of the IDEATe minor courses towards the Audio Recording & Production concentration.

#### Sound Theory & Practice Required Courses **53 units**

57-152	Harmony I	9
or 57-149	Basic Harmony I	
57-101	Introduction to Music Technology (or 57-171 self-paced)	6
57-181	Solfege I	3
or 57-180	Basic Solfege I	
or 57-185	Advanced Solfege I	
57-173	Survey of Western Music History (co-req: 57-188)	9
57-188	Repertoire and Listening for Musicians	1
18-090	Twisted Signals: Multimedia Processing for the Arts	10
57-421	Exploded Ensemble	6
57-911	Music Since 1945	9

#### Sound Theory & Practice Electives **55 units minimum**

Choose **55** units from:

57-153	Harmony II	9
or 57-150	Basic Harmony II	
57-182	Solfege II	3
or 57-186	Advanced Solfege II	
15-104	Introduction to Computing for Creative Practice	10
15-322	Introduction to Computer Music (prereq: 15-112)	9
33-114	Physics of Musical Sound	9
57-161	Eurhythmics I	3
57-162	Eurhythmics II	3
57-337	Sound Recording	6
57-338	Sound Editing and Mastering	6
57-343	Music, Technology, and Culture	9
57-344	Experimental Sound Synthesis	9
57-347	Electronic and Computer Music (prereq: 57-101 or 57-171)	6
57-358	Introduction to Electronic Music	9
	(with instructor permission as space allows)	
57-438	Multitrack Recording	9
57-478	Survey of Historical Recording	6
57-616	Independent Study in Sound Studies	9

Note: Students completing an IDEATe minor may double-count up to two of the IDEATe minor courses towards the Sound Theory & Practice concentration.