

# BXA-Music

Fall 2023

## 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:** [Sharon Johnston](mailto:slj@cmu.edu), CFA 108, 412-268-2385, [slj@cmu.edu](mailto:slj@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

<u>Required Course for All Concentration Options</u>	<u>9 units</u>	<u>Music Performance Required Courses</u>	<u>76 units</u>		
57-152	Harmony I	9	57-161	Eurhythmics I (recommended co-req: 57-181)	3
or 57-149	Basic Harmony I		57-181	Solfege I	3
<b>Work with Music Advisor to Approve Concentration Option (99 units minimum):</b>			or 57-180	Basic Solfege I	
<b>Composition Required Courses</b>		<b>76 units</b>	or 57-185	Advanced Solfege I	
57-161	Eurhythmics I (recommended co-req: 57-181)	3	57-173	Survey of Western Music History (co-req: 57-188)	9
57-181	Solfege I	3	57-188	Repertoire and Listening for Musicians	1
or 57-180	Basic Solfege I		57-49x	BXA Studio (4 semesters)	36
or 57-185	Advanced Solfege I		57-xxx	Major Ensemble (4 semesters)	24
57-173	Survey of Western Music History (co-req: 57-188)	9	A minimum of <b>23</b> additional Music units must be approved by the Music advisor. A list of these selected courses must be filed in the BXA office.		
57-188	Repertoire and Listening for Musicians	1			
57-49x	BXA Studio (4 semesters)	36			
57-xxx	Major Ensemble (4 semesters)	24			

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 2023

## 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:** [Sharon Johnston](mailto:slj@cmu.edu), CFA 108, 412-268-2385, [slj@cmu.edu](mailto:slj@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

**Required Course for All Concentration Options** **9 units**

57-152	Harmony I	9	57-478	Survey of Historical Recording	6
or 57-149	Basic Harmony I		57-622	Independent Study in Sound Recording Production	3
			60-131	3D Media Studio I: Foundations in Sculpture, Installation, and Site work	10

**Work with Music Advisor to Approve Concentration Option (99 units minimum):**

**Audio Recording & Production Required Courses** **40 units**

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

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
54-275	History of Sound Design	3
54-666	Production Audio	Var.
57-161	Eurhythmics I	3
57-344	Experimental Sound Synthesis	9
57-347	Electronic and Computer Music	6
57-358	Introduction to Electronic Music (with instructor permission as space allows)	9
57-421	Exploded Ensemble	6
57-427	Advanced Seminar in Film Musicology	9

**Sound Theory & Practice Required Courses** **47 units**

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
57-911	Music Since 1945	9
57-616	Independent Study in Sound Studies	9

Choose **52** 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
57-337	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 (with instructor permission as space allows)	9
57-421	Exploded Ensemble	6
57-438	Multitrack Recording	9
57-478	Survey of Historical Recording	6
60-131	3D Media Studio I: Foundations in Sculpture, Installation, and Site work	10

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