

Bachelor of Science in Music Technology

Learn more about the Bachelor of Science in Music Technology.

Music technology fuses musical skill and technological knowledge that enables one trained in these areas to create works, or to pursue employment or graduate education in an extremely wide variety of areas. Some of these include music production, performance, composition, recording and editing, software and hardware development, systems design, equipment installation, music editing and publishing, as well as numerous audio fields such as the recording and editing of concerts, events, films and television, and games, among others. It is not an exaggeration to state that virtually every area of the music industry has been influenced by technology.

The Bachelor of Science degree in Music Technology offers a sequence of courses in general education, music, music performance, music studies, recording technology, music technology, mathematics, and computer science. Students who complete the program will be prepared for entry level jobs in the field or to pursue graduate education in music technology at top graduate programs nationally.

Summary of Requirements

The Bachelor of Science in Music Technology is conferred upon a student by recommendation of the faculty and upon the satisfactory completion of a minimum of 124 credits.

University Requirements

- All students are required to complete the university's General Education (GenEd) curriculum.
- All students must take a minimum of two writing-intensive courses. The specific writing-intensive courses required for the major are MUST 3196 and MUST 3696.

Program Requirements

Code	Title	Credit Hours
General Education courses		32
Music Theory		
MUST 1711	Theory I	4
MUST 1712	Theory II	4
MUST 2711	Theory III	4
MUST 2712	Theory IV	4
Secondary Piano		
MUSC 1405	Secondary Piano for Music Majors	1
MUSC 1406	Secondary Piano for Music Majors	1
MUSC 2405	Secondary Piano for Music Majors	1
MUSC 2406	Secondary Piano for Music Majors	1
Intermediate Conducting		
MUSC 2323	Basic Conducting	1
MUSC 2324	Conducting Intermediate	1
Orchestration		
MUST 3713	Orchestration	3
Music History		
MUST 2703	Music in History	3
MUST 2704	Music in History	3
MUST 3196	History of Pop	3
MUST 3696	Music in History	3
Music Technology		
MUST 3763	Analog and Modular Sound Synthesis	3
MUST 3764	Scoring for Film and Digital Media	3
MUST 3765	Scoring and Audio Design for Video Games	3
MUST 4711	Computers in Musical Applications	3
MUST 4712	Computer Synthesis of Music	3
MUST 4713	Sound Recording	3

MUST 4714	Sound Editing	3
MUST 4720	New Music Seminar (Take 3 times for 3 total credits)	3
MUST 4882	Project in Music Technology	3
Music Technology Elective Courses		
Select at least one of the following courses:		3
MUST 4719	MIDI	
MUST 4721	Computer Music Studio	
MUST 4724	Printing Music Scores and Parts	
MUST 4725	Advanced Audio Production	
MUST 4727	Electronic Music Composition: Practice, History, Theory	
MUST 4762	Music Technology	
Mathematics Courses (prerequisite for Computer Science courses)		
MATH 1021	College Algebra ¹	4
MATH 1022	Precalculus ¹	4
Computer Science Courses (counted as part of the major)		
CIS 1051	Introduction to Problem Solving and Programming in Python	4
CIS 1068	Program Design and Abstraction	4
CIS 2229	Architecture, Operating Systems and Networking	4
Ensembles		
Take any combination of the following three courses for a total of 2 credits:		2
MUSC 3300	Choral Ensemble	
MUSC 4300	Concert Choir	
MUSC 4310	Graduate Conductors Choir	
Electives		
Free Electives		3
Total Credit Hours		124

¹ Students placing beyond this level of mathematics through Placement Testing may take any course with advisor permission as an elective in lieu of this course.

Suggested Academic Plan

Bachelor of Science in Music Technology

Requirements for New Students starting in the 2020-2021 Academic Year

Year 1		Credit Hours
Fall		
MUSC 1405	Secondary Piano for Music Majors	1
Select one of the following:		1
MUSC 3300	Choral Ensemble	
MUSC 4300	Concert Choir	
MUSC 4310	Graduate Conductors Choir	
MUST 1711	Theory I	4
MUST 4711	Computers in Musical Applications	3
ENG 0802, 0812, or 0902	Analytical Reading and Writing [GW]	4
GenEd Breadth Course		3
Term Credit Hours		16
Spring		
MUSC 1406	Secondary Piano for Music Majors	1
Select one of the following:		1
MUSC 3300	Choral Ensemble	
MUSC 4300	Concert Choir	
MUSC 4310	Graduate Conductors Choir	
MUST 1712	Theory II	4

MUST 4713	Sound Recording	3
GenEd Quantitative Literacy Course [GQ]		4
GenEd Breadth Course		3
Term Credit Hours		16
Year 2		
Fall		
MUSC 2405	Secondary Piano for Music Majors	1
MUSC 2323	Basic Conducting	1
MUST 2711	Theory III	4
MUST 4714	Sound Editing	3
IH 0851 or 0951	Intellectual Heritage I: The Good Life [GY]	3
MATH 1021	College Algebra ¹	4
Term Credit Hours		16
Spring		
MUSC 2406	Secondary Piano for Music Majors	1
MUSC 2324	Conducting Intermediate	1
MUST 2712	Theory IV	4
MUST 3763	Analog and Modular Sound Synthesis	3
IH 0852 or 0952	Intellectual Heritage II: The Common Good [GZ]	3
MATH 1022	Precalculus ¹	4
Term Credit Hours		16
Year 3		
Fall		
GenEd Breadth Course		3
MUST 2703	Music in History	3
MUST 3196	History of Pop [WI]	3
MUST 3713	Orchestration	3
MUST 4720	New Music Seminar	1
CIS 1051	Introduction to Problem Solving and Programming in Python	4
Term Credit Hours		17
Spring		
GenEd Breadth Course		3
MUST 2704	Music in History	3
MUST 3764	Scoring for Film and Digital Media	3
MUST 4712	Computer Synthesis of Music	3
MUST 4720	New Music Seminar	1
CIS 1068	Program Design and Abstraction	4
Term Credit Hours		17
Year 4		
Fall		
GenEd Breadth Course		3
MUST 3696	Music in History [WI]	3
MUST 3765	Scoring and Audio Design for Video Games	3
MUST 4720	New Music Seminar	1
CIS 2229	Architecture, Operating Systems and Networking	4
Term Credit Hours		14
Spring		
GenEd Breadth Course		3
Free Elective		3
Music Technology Elective ²		3

MUST 4882	Project in Music Technology	3
	Term Credit Hours	12
	Total Credit Hours:	124

¹ Students placing beyond this level of mathematics through Placement Testing may take any course with advisor permission as an elective in lieu of this course.

² Select from the following Music Technology Elective Courses: MUST 4719, MUST 4721, MUST 4724, MUST 4725, MUST 4727, or MUST 4762.