# MUSIC AND THEATER ARTS

# **Undergraduate Study**

### Bachelor of Science in Music (Course 21M-1)

The undergraduate program leading to the Bachelor of Science in Music (http://catalog.mit.edu/degree-charts/music-course-21m) degree comprises a grounding in foundational skills in music history and culture, performance, and music theory; a capstone Advanced Seminar; and a coherent program of electives chosen in consultation with the advisor. Five required subjects (one of which consists of two terms of performance, and two of which satisfy the CI-M requirement) and five restricted electives satisfy these requirements, but should be supplemented by additional electives. The program is analogous to those for music majors at leading liberal arts institutions and prepares a student for graduate study in music. Students should demonstrate proficiency in musical fundamentals and have performance experience before declaring the major and should consult the major advisor in music no later than the first term of their junior year.

## Bachelor of Science in Theater Arts (Course 21M-2)

The undergraduate program leading to the Bachelor of Science in Theater Arts (http://catalog.mit.edu/degree-charts/theaterarts-course-21m-2) degree comprises a broad foundation in theoretical and practical studies, and intensive performance and design practica. To satisfy the requirements, students complete a coherent set of restricted elective subjects (two of which satisfy the CI-M requirement), and may complete a capstone thesis with departmental approval. With an emphasis on artistic practice, this course of study prepares students who plan either to enter the field or to pursue graduate studies in theater arts. Students should demonstrate proficiency in theater arts fundamentals, should have some performance experience before declaring the major, and should consult the major advisor in Theater Arts no later than the first term of their junior year.

#### Joint Degree Programs

Joint degree programs are offered in both Music and Theater Arts in combination with a field in engineering or science (21E, 21S). See the joint degree programs (http://catalog.mit.edu/schools/humanitiesarts-social-sciences/humanities/#undergraduatetext) listed under Humanities.

#### Minor in Music

The Minor in Music requires six subjects that will give students experience within the three main branches of music: history/culture, composition/theory, and performance.

Tier	l:	Intr	od	uct	ion
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Select up to two of the following: 0-24

Introduction to Western Music 21M.011

	21M.013[J]	The Supernatural in Music, Literature and Culture	
	21M.030	Introduction to Musics of the World	
	21M.051	Fundamentals of Music	
	21M.053	Rhythms of the World	
	21M.065	Introduction to Musical Composition	
	21M.080	Introduction to Music Technology	
Ti	er II: Breadth		
	elect three subj ategories:	ects, one from each of the following	36
	History/Cultur	re	
	21M.215	Music of the Americas	
	21M.220	Medieval and Renaissance Music	
	21M.223	Folk Music of the British Isles and	
		North America	
	21M.226	Jazz	
	21M.235	Baroque and Classical Music	
	21M.250	Nineteenth-Century Music	
	21M.260	Music since 1900	
	21M.269	Studies in Western Music History	
	21M.271	Symphony and Concerto	
	21M.273	Opera	
	21M.283	Musicals	
	21M.284	Film Music	
	21M.289	Studies in Western Classical Genres	
	21M.291	Music of India	
	21M.292	Musics in Bali	
	21M.293	Music of Africa	
	21M.294	Popular Musics of the World	
	21M.295	American Popular Music	
	21M.296	Studies in Jazz and Popular Music	
	21M.299	Studies in Global Musics	
	Composition/	Theory	
	21M.301	Harmony and Counterpoint I	
	Performance (	12 units)	
	21M.401	MIT Concert Choir	
	21M.405	MIT Chamber Chorus	
	21M.410	Vocal Repertoire and Performance	
	21M.421	MIT Symphony	
	21M.423	Conducting and Score-Reading	
	21M.426	MIT Wind Ensemble	
	21M.442	MIT Festival Jazz Ensemble	
	21M.445	Chamber Music Society	
	21M.450	MIT Balinese Gamelan	
	21M.451	Collaborative Piano	
	21M.460	MIT Senegalese Drum Ensemble	

0414 1	MIT Lanton Encombia		11-0-M.c	Interactive Music Customs	
21M.470	MIT Laptop Ensemble		21M.385[J]	Interactive Music Systems	
21M.475	Music Performance		21M.387[J]	Fundamentals of Music Processing	
21M.480	Advanced Music Performance			e (four terms)	
21M.490	Solo Recital		21M.401	MIT Concert Choir	
Tier III: Elective			21M.405	MIT Chamber Chorus	
	hree subjects from the following:	12-36	21M.410	Vocal Repertoire and Performance	
History/Cult			21M.421	MIT Symphony	
21M.215	Music of the Americas		21M.423	Conducting and Score-Reading	
21M.220	Medieval and Renaissance Music		21M.426	MIT Wind Ensemble	
21M.223	Folk Music of the British Isles and		21M.442	MIT Festival Jazz Ensemble	
	North America		21M.445	Chamber Music Society	
21M.226	Jazz		21M.450	MIT Balinese Gamelan	
21M.235	Baroque and Classical Music		21M.451	Collaborative Piano	
21M.250	Nineteenth-Century Music		21M.460	MIT Senegalese Drum Ensemble	
21M.260	Music since 1900		21M.470	MIT Laptop Ensemble	
21M.269	Studies in Western Music History		21M.475	Music Performance	
21M.271	Symphony and Concerto		21M.480	Advanced Music Performance	
21M.273	Opera		21M.490	Solo Recital	
21M.283	Musicals		Advanced Se	eminar in Music	
21M.284	Film Music		21M.500	Advanced Seminar in Music	
21M.289	Studies in Western Classical Genres		Total Units		72
21M.291	Music of India				
21M.292	Musics in Bali		Minor in Music		
21M.293	Music of Africa		Music Theory 1		12
			-		
21M.294	Popular Musics of the World		21M.301	Harmony and Counterpoint I	
21M.294 21M.295	Popular Musics of the World American Popular Music		_		12
			Music Scholars Select 12 units	Harmony and Counterpoint I	12
21M.295	American Popular Music		Music Scholars Select 12 units Performance:	Harmony and Counterpoint I ship and Performance from History and Culture or Music	12
21M.295 21M.296	American Popular Music Studies in Jazz and Popular Music Studies in Global Musics n/Theory		Music Scholars Select 12 units Performance: History and	Harmony and Counterpoint I ship and Performance from History and Culture or Music Culture	12
21M.295 21M.296 21M.299	American Popular Music Studies in Jazz and Popular Music Studies in Global Musics		Music Scholars Select 12 units Performance: History and 21M.120	Harmony and Counterpoint I  ship and Performance  from History and Culture or Music  Culture  Tuning Systems and Temperament	12
21M.295 21M.296 21M.299 Composition	American Popular Music Studies in Jazz and Popular Music Studies in Global Musics n/Theory		Music Scholars Select 12 units Performance: History and 21M.120 21M.129	Harmony and Counterpoint I  ship and Performance  from History and Culture or Music  Culture  Tuning Systems and Temperament  Moments in Music: History/Culture B	12
21M.295 21M.296 21M.299 Composition 21M.302	American Popular Music Studies in Jazz and Popular Music Studies in Global Musics n/Theory Harmony and Counterpoint II		Music Scholars Select 12 units Performance: History and 21M.120 21M.129 21M.128	Harmony and Counterpoint I  ship and Performance  from History and Culture or Music  Culture  Tuning Systems and Temperament  Moments in Music: History/Culture B  Moments in Music: History/Culture A	12
21M.295 21M.296 21M.299 Composition 21M.302 21M.303	American Popular Music Studies in Jazz and Popular Music Studies in Global Musics n/Theory Harmony and Counterpoint II Writing in Tonal Forms I Writing in Tonal Forms II Techniques of 20th-Century		Music Scholars Select 12 units Performance: History and 21M.120 21M.129 21M.128 21M.215	Harmony and Counterpoint I ship and Performance from History and Culture or Music  Culture Tuning Systems and Temperament Moments in Music: History/Culture B Moments in Music: History/Culture A Music of the Americas	12
21M.295 21M.296 21M.299 Composition 21M.302 21M.303 21M.304	American Popular Music Studies in Jazz and Popular Music Studies in Global Musics n/Theory Harmony and Counterpoint II Writing in Tonal Forms I Writing in Tonal Forms II Techniques of 20th-Century Composition		Music Scholars Select 12 units Performance: History and 21M.120 21M.129 21M.128 21M.215 21M.220	Harmony and Counterpoint I  ship and Performance  from History and Culture or Music  Culture  Tuning Systems and Temperament  Moments in Music: History/Culture B  Moments in Music: History/Culture A  Music of the Americas  Medieval and Renaissance Music	12
21M.295 21M.296 21M.299 Composition 21M.302 21M.303 21M.304	American Popular Music Studies in Jazz and Popular Music Studies in Global Musics n/Theory Harmony and Counterpoint II Writing in Tonal Forms I Writing in Tonal Forms II Techniques of 20th-Century Composition Jazz Harmony and Arranging		Music Scholars Select 12 units Performance: History and 21M.120 21M.129 21M.128 21M.215	Harmony and Counterpoint I  ship and Performance  from History and Culture or Music  Culture  Tuning Systems and Temperament  Moments in Music: History/Culture B  Moments in Music: History/Culture A  Music of the Americas  Medieval and Renaissance Music  Folk Music of the British Isles and	12
21M.295 21M.296 21M.299 Composition 21M.302 21M.303 21M.304 21M.310	American Popular Music Studies in Jazz and Popular Music Studies in Global Musics n/Theory Harmony and Counterpoint II Writing in Tonal Forms I Writing in Tonal Forms II Techniques of 20th-Century Composition Jazz Harmony and Arranging Jazz Composition		Music Scholars Select 12 units Performance: History and 21M.120 21M.129 21M.128 21M.215 21M.220 21M.223	Harmony and Counterpoint I ship and Performance from History and Culture or Music  Culture Tuning Systems and Temperament Moments in Music: History/Culture B Moments in Music: History/Culture A Music of the Americas Medieval and Renaissance Music Folk Music of the British Isles and North America	12
21M.295 21M.296 21M.299 Composition 21M.302 21M.303 21M.304 21M.310	American Popular Music Studies in Jazz and Popular Music Studies in Global Musics n/Theory Harmony and Counterpoint II Writing in Tonal Forms I Writing in Tonal Forms II Techniques of 20th-Century Composition Jazz Harmony and Arranging		Music Scholars Select 12 units Performance: History and 21M.120 21M.129 21M.128 21M.215 21M.220 21M.223	Harmony and Counterpoint I ship and Performance from History and Culture or Music  Culture Tuning Systems and Temperament Moments in Music: History/Culture B Moments in Music: History/Culture A Music of the Americas Medieval and Renaissance Music Folk Music of the British Isles and North America Jazz	12
21M.295 21M.296 21M.299 Composition 21M.302 21M.303 21M.304 21M.310	American Popular Music Studies in Jazz and Popular Music Studies in Global Musics n/Theory Harmony and Counterpoint II Writing in Tonal Forms I Writing in Tonal Forms II Techniques of 20th-Century Composition Jazz Harmony and Arranging Jazz Composition Composing for Jazz Orchestra Music Composition		Music Scholars Select 12 units Performance: History and 21M.120 21M.129 21M.128 21M.215 21M.220 21M.223	Harmony and Counterpoint I  ship and Performance  from History and Culture or Music  Culture  Tuning Systems and Temperament  Moments in Music: History/Culture B  Moments in Music: History/Culture A  Music of the Americas  Medieval and Renaissance Music  Folk Music of the British Isles and  North America  Jazz  Baroque and Classical Music	12
21M.295 21M.296 21M.299 Composition 21M.302 21M.303 21M.304 21M.310 21M.340 21M.341 21M.341	American Popular Music Studies in Jazz and Popular Music Studies in Global Musics n/Theory Harmony and Counterpoint II Writing in Tonal Forms I Writing in Tonal Forms II Techniques of 20th-Century Composition Jazz Harmony and Arranging Jazz Composition Composing for Jazz Orchestra		Music Scholars Select 12 units Performance: History and 21M.120 21M.129 21M.128 21M.215 21M.220 21M.223 21M.226 21M.235 21M.250	Harmony and Counterpoint I ship and Performance from History and Culture or Music  Culture Tuning Systems and Temperament Moments in Music: History/Culture B Moments in Music: History/Culture A Music of the Americas Medieval and Renaissance Music Folk Music of the British Isles and North America Jazz Baroque and Classical Music Nineteenth-Century Music	12
21M.295 21M.296 21M.299 Composition 21M.302 21M.303 21M.304 21M.310 21M.340 21M.341 21M.342 21M.351	American Popular Music Studies in Jazz and Popular Music Studies in Global Musics n/Theory Harmony and Counterpoint II Writing in Tonal Forms I Writing in Tonal Forms II Techniques of 20th-Century Composition Jazz Harmony and Arranging Jazz Composition Composing for Jazz Orchestra Music Composition Musical Improvisation Studies in Musical Composition,		Music Scholars Select 12 units Performance: History and 21M.120 21M.129 21M.226 21M.223 21M.226 21M.235 21M.250 21M.260	Harmony and Counterpoint I ship and Performance from History and Culture or Music  Culture Tuning Systems and Temperament Moments in Music: History/Culture B Moments in Music: History/Culture A Music of the Americas Medieval and Renaissance Music Folk Music of the British Isles and North America Jazz Baroque and Classical Music Nineteenth-Century Music Music since 1900	12
21M.295 21M.296 21M.299 Composition 21M.302 21M.303 21M.304 21M.310 21M.340 21M.341 21M.342 21M.351 21M.355 21M.359	American Popular Music Studies in Jazz and Popular Music Studies in Global Musics n/Theory Harmony and Counterpoint II Writing in Tonal Forms I Writing in Tonal Forms II Techniques of 20th-Century Composition Jazz Harmony and Arranging Jazz Composition Composing for Jazz Orchestra Music Composition Musical Improvisation Studies in Musical Composition, Theory and Analysis		Music Scholars Select 12 units Performance: History and 21M.120 21M.129 21M.128 21M.215 21M.220 21M.223 21M.226 21M.235 21M.250 21M.260 21M.269	Harmony and Counterpoint I  ship and Performance  from History and Culture or Music  Culture  Tuning Systems and Temperament  Moments in Music: History/Culture B  Moments in Music: History/Culture A  Music of the Americas  Medieval and Renaissance Music  Folk Music of the British Isles and  North America  Jazz  Baroque and Classical Music  Nineteenth-Century Music  Music since 1900  Studies in Western Music History	12
21M.295 21M.296 21M.299 Composition 21M.302 21M.303 21M.304 21M.310 21M.340 21M.341 21M.342 21M.351 21M.355 21M.359 21M.361	American Popular Music Studies in Jazz and Popular Music Studies in Global Musics n/Theory Harmony and Counterpoint II Writing in Tonal Forms I Writing in Tonal Forms II Techniques of 20th-Century Composition Jazz Harmony and Arranging Jazz Composition Composing for Jazz Orchestra Music Composition Musical Improvisation Studies in Musical Composition, Theory and Analysis Electronic Music Composition I		Music Scholars Select 12 units Performance: History and 21M.120 21M.129 21M.128 21M.215 21M.220 21M.223 21M.226 21M.235 21M.250 21M.260 21M.269 21M.271	Harmony and Counterpoint I ship and Performance from History and Culture or Music  Culture  Tuning Systems and Temperament Moments in Music: History/Culture B Moments in Music: History/Culture A Music of the Americas Medieval and Renaissance Music Folk Music of the British Isles and North America Jazz Baroque and Classical Music Nineteenth-Century Music Music since 1900 Studies in Western Music History Symphony and Concerto	12
21M.295 21M.296 21M.299 Composition 21M.302 21M.303 21M.304 21M.340 21M.340 21M.341 21M.342 21M.355 21M.355 21M.359 21M.361 21M.362	American Popular Music Studies in Jazz and Popular Music Studies in Global Musics n/Theory Harmony and Counterpoint II Writing in Tonal Forms I Writing in Tonal Forms II Techniques of 20th-Century Composition Jazz Harmony and Arranging Jazz Composition Composing for Jazz Orchestra Music Composition Musical Improvisation Studies in Musical Composition, Theory and Analysis Electronic Music Composition II		Music Scholars Select 12 units Performance: History and 21M.120 21M.129 21M.128 21M.215 21M.220 21M.223 21M.226 21M.226 21M.260 21M.260 21M.269 21M.271 21M.273	Harmony and Counterpoint I ship and Performance from History and Culture or Music  Culture  Tuning Systems and Temperament Moments in Music: History/Culture B Moments in Music: History/Culture A Music of the Americas Medieval and Renaissance Music Folk Music of the British Isles and North America Jazz Baroque and Classical Music Nineteenth-Century Music Music since 1900 Studies in Western Music History Symphony and Concerto Opera	12
21M.295 21M.296 21M.299 Composition 21M.302 21M.303 21M.304 21M.310  21M.340 21M.341 21M.342 21M.351 21M.355 21M.359  21M.361 21M.362 21M.370	American Popular Music Studies in Jazz and Popular Music Studies in Global Musics n/Theory Harmony and Counterpoint II Writing in Tonal Forms I Writing in Tonal Forms II Techniques of 20th-Century Composition Jazz Harmony and Arranging Jazz Composition Composing for Jazz Orchestra Music Composition Musical Improvisation Studies in Musical Composition, Theory and Analysis Electronic Music Composition II Electronic Music Composition II Digital Instrument Design		Music Scholars Select 12 units Performance: History and 21M.120 21M.129 21M.128 21M.215 21M.220 21M.223 21M.226 21M.235 21M.250 21M.260 21M.260 21M.269 21M.271 21M.273 21M.283	Harmony and Counterpoint I  ship and Performance  from History and Culture or Music  Culture  Tuning Systems and Temperament  Moments in Music: History/Culture B  Moments in Music: History/Culture A  Music of the Americas  Medieval and Renaissance Music  Folk Music of the British Isles and  North America  Jazz  Baroque and Classical Music  Nineteenth-Century Music  Music since 1900  Studies in Western Music History  Symphony and Concerto  Opera  Musicals	12
21M.295 21M.296 21M.299 Composition 21M.302 21M.303 21M.304 21M.340 21M.340 21M.341 21M.342 21M.355 21M.355 21M.359 21M.361 21M.362	American Popular Music Studies in Jazz and Popular Music Studies in Global Musics n/Theory Harmony and Counterpoint II Writing in Tonal Forms I Writing in Tonal Forms II Techniques of 20th-Century Composition Jazz Harmony and Arranging Jazz Composition Composing for Jazz Orchestra Music Composition Musical Improvisation Studies in Musical Composition, Theory and Analysis Electronic Music Composition II		Music Scholars Select 12 units Performance: History and 21M.120 21M.129 21M.128 21M.215 21M.220 21M.223 21M.226 21M.226 21M.260 21M.260 21M.269 21M.271 21M.273	Harmony and Counterpoint I ship and Performance from History and Culture or Music  Culture  Tuning Systems and Temperament Moments in Music: History/Culture B Moments in Music: History/Culture A Music of the Americas Medieval and Renaissance Music Folk Music of the British Isles and North America Jazz Baroque and Classical Music Nineteenth-Century Music Music since 1900 Studies in Western Music History Symphony and Concerto Opera	12

12

21M.289	Studies in Western Classical Genres	
21M.291	Music of India	
21M.292	Musics in Bali	
21M.293	Music of Africa	
21M.294	Popular Musics of the World	
21M.295	American Popular Music	
21M.296	Studies in Jazz and Popular Music	
21M.297[J]	Cultures of Popular Music in East Asia: Japan, Korea, China	
21M.299	Studies in Global Musics	
Music Perfori	mance	
21M.401	MIT Concert Choir	
21M.405	MIT Chamber Chorus	
21M.410	Vocal Repertoire and Performance	
21M.421	MIT Symphony	
21M.423	Conducting and Score-Reading	
21M.426	MIT Wind Ensemble	
21M.442	MIT Festival Jazz Ensemble	
21M.445	Chamber Music Society	
21M.450	MIT Balinese Gamelan	
21M.451	Collaborative Piano	
21M.460	MIT Senegalese Drum Ensemble	
21M.475	Music Performance	
21M.480	Advanced Music Performance	
21M.490	Solo Recital	
Music Technolo	gy Foundations	24
Select 24 units f	from:	
21M.080	Introduction to Music Technology	
21M.361	Electronic Music Composition I	
21M.362	Electronic Music Composition II	
21M.369	Studies in Music Technology	
21M.370	Digital Instrument Design	
21M.383	Computational Music Theory and Analysis	
21M.385[J]	Interactive Music Systems	
21M.387[J]	Fundamentals of Music Processing	
21M.470	MIT Laptop Ensemble	
21M.731	Sound Design for Theater and Dance	
Advanced Music		12
Select 12 units f	rom:	
21M.383	Computational Music Theory and Analysis	
21M.385[J]	Interactive Music Systems	

# Restricted Electives: Select 12 units from 21M.000-21M.599-21M.599.

**Total Units** 72

Students who enter with a background that allows them to place out of 21M.301 will instead take 24 units of Music Scholarship and Performance,  $from\ both\ History\ and\ Culture\ AND\ Music\ Performance.$ 

### Minor in Theater Arts

The Minor in Theater Arts is designed to give students the opportunity to experiment in the making of theater. The flexibility of the minor allows students either to explore the basic principles of several theater disciplines or to concentrate more deeply on one.

Required Stubje	cts	
Select one of foll	owing:	12
21M.600	Introduction to Acting	
21M.603	Fundamentals of Theater Design	
21M.604[J]	Playwriting Fundamentals	
21M.623	Physical Improvisation: Bodies in Motion	
21M.710	Script Analysis	
21M.840	Performance Media	

## **Restricted Electives**

In conjunction with the minor advisor, students select	57-60
a coherent program of Theater Arts subjects. 1	

**Total Units** 69-72

### Inquiries

For further information on subjects and programs, contact the Music and Theater Arts Office, Room 10-219, 617-253-3210.

Subjects have prerequisites outside of the minor.

See the Theater Arts subject listing (http://catalog.mit.edu/schools/ humanities-arts-social-sciences/music-theater-arts/#subjectstext) for a list of available subjects.