

## MUSIC AND THEATER ARTS

### Undergraduate Study

#### **Bachelor of Science in Music (Course 21M)**

The undergraduate program leading to the Bachelor of Science in Music (<https://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 21T)**

The undergraduate program leading to the Bachelor of Science in Theater Arts (<https://catalog.mit.edu/degree-charts/theater-arts-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 (<https://catalog.mit.edu/schools/humanities-arts-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 I: Introduction**

Select up to two of the following:

0-24

21M.011 Introduction to Western Music

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

#### **Tier II: Breadth**

Select 36 units, with 12 units from each of the following branches: 36

##### History/Culture

21M.120 Tuning Systems and Temperament

21M.128 Moments in Music: History/Culture A

21M.129 Moments in Music: History/Culture B

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<sup>1</sup>

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.443 MIT Vocal Jazz Ensemble

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21M.445	Chamber Music Society
21M.450	MIT Balinese Gamelan
21M.451	Collaborative Piano
21M.460	MIT Senegalese Drum Ensemble
21M.470	MIT Laptop Ensemble
21M.475	Music Performance
21M.480	Advanced Music Performance
21M.490	Solo Recital
<b>Tier III: Electives</b>	
<i>Select up to 36 additional units from the following:</i> 12-36	
History/Culture	
21M.120	Tuning Systems and Temperament
21M.128	Moments in Music: History/Culture A
21M.129	Moments in Music: History/Culture B
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.297[J]	Cultures of Popular Music in East Asia: Japan, Korea, China
21M.299	Studies in Global Musics
Composition/Theory	
21M.138	Moments in Music: Composition A
21M.139	Moments in Music: Composition B
21M.150	Accelerated Fundamentals of Music
21M.151	Accelerated Fundamentals of Music
21M.158	Moments in Music: Theory and Analysis A
21M.159	Moments in Music: Theory and Analysis B
21M.302	Harmony and Counterpoint II

21M.303	Writing in Tonal Forms I
21M.304	Writing in Tonal Forms II
21M.310	Techniques of 20th-Century Composition
21M.340	Jazz Harmony and Arranging
21M.341	Jazz Composition
21M.342	Composing for Jazz Orchestra
21M.351	Music Composition
21M.355	Musical Improvisation
21M.359	Studies in Musical Composition, Theory and Analysis
21M.361	Electronic Music Composition I
21M.362	Electronic Music Composition II
21M.370	Digital Instrument Design
21M.369	Studies in Music Technology
21M.383	Computational Music Theory and Analysis
21M.385[J]	Interactive Music Systems
21M.387[J]	Fundamentals of Music Processing
Performance (four terms)	
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.443	MIT Vocal Jazz Ensemble
21M.445	Chamber Music Society
21M.450	MIT Balinese Gamelan
21M.451	Collaborative Piano
21M.460	MIT Senegalese Drum Ensemble
21M.470	MIT Laptop Ensemble
21M.475	Music Performance
21M.480	Advanced Music Performance
21M.490	Solo Recital
Advanced Seminar in Music	
21M.500	Advanced Seminar in Music

**Total Units** **72**

<sup>1</sup> *Students who enter with additional training in music theory should take 21M.302 or an upper-level subjects as a substitute for 21M.301.*

### **Minor in Music Technology**

The Minor in Music Technology gives students the opportunity to learn about important techniques and methodologies applied to music using technology, computation, and engineering. Minors take

additional subjects to broaden their understanding of music through theory, history/culture, and/or performance.

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**Music Theory**<sup>1</sup> **12**

21M.301 Harmony and Counterpoint I

**Music Scholarship and Performance** **12**

Select 12 units from History and Culture or Music Performance:

*History and Culture*

21M.120 Tuning Systems and Temperament

21M.129 Moments in Music: History/Culture B

21M.128 Moments in Music: History/Culture A

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.285 The Beatles

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 Performance*

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.443 MIT Vocal 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 Technology Foundations** **24**

Select 24 units 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

21T.223 Sound Design

**Advanced Music Technology**<sup>2</sup> **12**

Select 12 units from:

21M.383 Computational Music Theory and Analysis

21M.385[J] Interactive Music Systems

21M.387[J] Fundamentals of Music Processing

**Restricted Electives: Select 12 units from 21M.000-21M.599-21M.599.** **12**
**Total Units** **72**

<sup>1</sup> 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.

<sup>2</sup> Subjects have prerequisites outside of the minor.

**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.

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**Required Subjects**

Select one of following: **12**

21T.101 Introduction to Acting

21T.110 Physical Improvisation: Bodies in Motion

21T.120 Fundamentals of Theater Design

21T.130 Performance Media

21T.131 Script Analysis

21T.150[J] Playwriting Fundamentals

**Restricted Electives**

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In conjunction with the minor advisor, students select a coherent program of Theater Arts subjects. <sup>1</sup>	57-60
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<b>Total Units</b>	<b>69-72</b>
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<sup>1</sup> See the Theater Arts subject listing (<http://catalog.mit.edu/schools/humanities-arts-social-sciences/theater-arts/#subjectstext>) for a list of available subjects.

### ***Inquiries***

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