Bachelor of Science in Humanities and Engineering

As a matter of general Course 21 policy, subjects used to meet the General Institute Science Requirement, the REST Requirement, and the Laboratory Requirement may not be included in the six-subject Engineering component of 21E degrees.

Students must designate two CI-M subjects by petitioning the Subcommittee on the Communication Requirement (https://registrar.mit.edu/sites/default/files/2018-05/ci-m_designation_form_21e_21s.pdf). Normally, students are expected to complete one CI-M from each area of study, usually chosen from the subjects designated as CI-M for each major.

General Institute Requirements (GIRs)

The General Institute Requirements include a Communication Requirement that is integrated into both the HASS Requirement and the requirements of each major; see details below.

Summary of Subject Requirements

<table>
<thead>
<tr>
<th>Subjects</th>
<th>Science Requirement</th>
<th>6</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Humanities, Arts, and Social Sciences (HASS)</td>
<td>8</td>
</tr>
<tr>
<td></td>
<td>Restricted Electives in Science and Technology (REST) Requirement</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>Laboratory Requirement (12 units)</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Total GIR Subjects Required for SB Degree</td>
<td>17</td>
</tr>
</tbody>
</table>

Physical Education Requirement

Swimming requirement, plus four physical education courses for eight points.

Departmental Program

Choose at least two subjects in the major that are designated as communication-intensive (CI-M) to fulfill the Communication Requirement.

Restricted Electives

For the humanities component, choose one of the following (further details may be obtained from the descriptions of programs in specific fields and the relevant field office):

<table>
<thead>
<tr>
<th>Units</th>
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<tbody>
<tr>
<td>81-114</td>
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<table>
<thead>
<tr>
<th>Subjects</th>
</tr>
</thead>
<tbody>
<tr>
<td>American Studies</td>
</tr>
<tr>
<td>Ancient and Medieval Studies</td>
</tr>
<tr>
<td>Anthropology</td>
</tr>
<tr>
<td>Asian and Asian Diaspora Studies</td>
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<tr>
<td>Comparative Media Studies</td>
</tr>
<tr>
<td>Global Studies and Languages (in French, German, or Spanish)</td>
</tr>
<tr>
<td>History</td>
</tr>
<tr>
<td>Latin American and Latino/a Studies</td>
</tr>
<tr>
<td>Literature</td>
</tr>
<tr>
<td>Music</td>
</tr>
<tr>
<td>Russian and Eurasian Studies</td>
</tr>
<tr>
<td>Science, Technology, and Society (STS)</td>
</tr>
<tr>
<td>Theater Arts</td>
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<tr>
<td>Women’s and Gender Studies</td>
</tr>
<tr>
<td>Writing: Creative</td>
</tr>
<tr>
<td>Writing: Digital Media</td>
</tr>
<tr>
<td>Writing: Science Writing</td>
</tr>
</tbody>
</table>

Restricted Electives: Humanities Component (by area of study)

American Studies

Select seven elective subjects, including two in history and two in literature

<table>
<thead>
<tr>
<th>Units</th>
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<tbody>
<tr>
<td>63-84</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Subjects</th>
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</thead>
<tbody>
<tr>
<td>21.THT</td>
</tr>
</tbody>
</table>

1. American Studies, Ancient and Medieval Studies, Asian and Asian Diaspora Studies, Latin American and Latino/a Studies, Russian and Eurasian Studies and Women’s and Gender Studies are also available as options within the Course 21 degree program (http://catalog.mit.edu/degree-charts/humanities-course-21), by special arrangement with the Dean of the School of Humanities, Arts, and Social Sciences.

2. This chart has been calculated based on an overlap of 36 units (three subjects) between the HASS General Institute Requirement and the departmental requirements. Students who develop a program of study with more overlap will be able to select more unrestricted electives to meet the number of total units beyond the GIRs required for an SB degree.
HUMANITIES AND ENGINEERING (COURSE 21E)

21.THU Undergraduate Thesis in Humanities 12

Total Units 81-102

1 With the consent of the faculty advisor, a student may substitute two subjects for 21.THT and 21.THU.

Ancient and Medieval Studies

Select seven elective subjects that follow the general structure of the Minor 1

21.THT Humanities Pre-Thesis Tutorial 6
21.THU Undergraduate Thesis in Humanities 12

Total Units 81-102

1 See the minor in Ancient and Medieval Studies (http://catalog.mit.edu/interdisciplinary/undergraduate-programs/minors/ancient-medieval-studies) for a list of available subjects and a description of the structure of the program.

Anthropology

21A.00 Introduction to Anthropology: Comparing Human Cultures 12

or 21A.01 How Culture Works

Select eight elective subjects 1 90-96

Total Units 102-108

1 An honors thesis may be done at the invitation and approval of faculty.

Asian and Asian Diaspora Studies

Select seven elective subjects that follow the general structure of the Minor 1

21.THT Humanities Pre-Thesis Tutorial 6
21.THU Undergraduate Thesis in Humanities 12

Total Units 81-102

1 See the minor in Asian and Asian Diaspora Studies (http://catalog.mit.edu/interdisciplinary/undergraduate-programs/minors/asian-studies) for a list of available subjects and a description of the structure of the program.

Comparative Media Studies

CMS.100 Introduction to Media Studies 12
CMS.701 Current Debates in Media 12

Select one of the following Practice and Production subjects:

CMS.335[J] Short Attention Span Documentary
CMS.362 Civic Media Collaborative Design Studio
CMS.590[J] Design and Development of Games for Learning
CMS.609[J] The Word Made Digital

Total Units 84-102

CMS.622 Applying Media Technologies in the Arts and Humanities
CMS.633 Digital Humanities: Topics, Techniques, and Technologies
CMS.634 Designing Interactions
21W.752 Making Documentary: Audio, Video, and More

Select five CMS electives 1 45-60

Total Units 81-96

1 A pre-thesis tutorial (CMS.THT) and thesis (CMS.THU), totaling 18 units of credit, may be substituted for one CMS elective.

Global Studies and Languages (in French, German, or Spanish)

Select nine elective subjects, which may include a pre-thesis tutorial and thesis (21G.THT and 21G.THU), subject to faculty approval

Total Units 81-108

History

Select five elective subjects 1 54-60

Select one 21H seminar subject (excluding 21H.390) 2 9-12
21H.390 Theories and Methods in the Study of History
21H.THT History Pre-Thesis Tutorial 12
21H.THU History Thesis 12

Total Units 99-108

1 The five 21H subjects must include one pre-modern subject (before 1700).
2 Select from among 21H subjects for which the first digit after the decimal point is 3. See the History website (http://history.mit.edu/subjects) for additional information.

Latin American and Latino/a Studies

17.55[J] Introduction to Latin American Studies 12

Select six elective subjects, including study in at least two disciplines and subjects in either Spanish or Portuguese 54-72
21.THT Humanities Pre-Thesis Tutorial 6
21.THU Undergraduate Thesis in Humanities 12

Total Units 84-102

Literature

Select eight elective subjects, including two seminars and subjects in three historical periods or thematic complexes 96

Total Units 96
### Music

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>21M.301</td>
<td>Harmony and Counterpoint I</td>
<td>12</td>
</tr>
</tbody>
</table>

Select two terms of performance subjects (6 units each)

Select one of the following:

- 21M.220 Medieval and Renaissance Music
- 21M.235 Baroque and Classical Music
- 21M.260 Music since 1900

Select one of the following:

- 21M.291 Music of India
- 21M.292 Music of Indonesia
- 21M.293 Music of Africa
- 21M.294 Popular Musics of the World
- 21M.299 Studies in World Music

### Restricted Electives

A coherent program of four subjects from the music curriculum chosen in consultation with faculty advisor(s)

Total Units: 48

### Russian and Eurasian Studies

Select seven elective subjects, two of which must satisfy the language requirement

- 21.THT Humanities Pre-Thesis Tutorial
- 21.THU Undergraduate Thesis in Humanities

Total Units: 81-102

### Science, Technology, and Society (STS)

Select seven elective subjects

- STS.004 Intersections: Science, Technology, and the World
- STS.THT Undergraduate Thesis Tutorial
- STS.THU Undergraduate Thesis

Total Units: 63-84

### Theater Arts

Select seven elective subjects. Qualified students may, with departmental approval, substitute a thesis (21M.THU) for one of these 12-unit electives.

- 21M.710 Script Analysis
- 21M.803 Performance and Design Workshop

Select 12 units of the following:

- 21M.806 Applied Performance and Design Production
- 21M.809 Performance and Design Intensive
- 21M.851 Independent Study in Performance and Design

Total Units: 90-108

### Women's and Gender Studies

Select five elective subjects

- WGS.101 Introduction to Women's and Gender Studies
- WGS.301[i] Feminist Thought
- WGS.301[j] Feminist Thought

Total Units: 102

[i] With the permission of the director of the program, students may substitute two 12-unit subjects for 21.THT and 21.THU.

### Writing: Creative

Select seven subjects centered in creative or expository writing

- 21W.THT Writing and Humanistic Studies Pre-Thesis Tutorial
- 21W.THU Writing and Humanistic Studies Thesis

Total Units: 102

[i] One of these subjects is normally at the introductory level; one may be selected from a related field.

### Writing: Digital Media

Select a CI-M subject in writing

- 21W.764[i] The Word Made Digital
- 21W.765[i] Interactive Narrative
- 21W.785 Communicating with Web-Based Media

Select three related subjects from another department

- 21W.THT Writing and Humanistic Studies Pre-Thesis Tutorial
- 21W.THU Writing and Humanistic Studies Thesis

Total Units: 93-102

### Writing: Science Writing

Select a subject in basic exposition

- 21W.764[ii] The Word Made Digital

Select a subject in digital media

- 21W.785 Communicating with Web-Based Media

Select a subject in science, technology, and society

- 21W.785 Communicating with Web-Based Media

Select an elective writing subject

- 21W.803 Performance and Design Workshop
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>21W.777</td>
<td>Science Writing in Contemporary Society</td>
<td>12</td>
</tr>
<tr>
<td>21W.778</td>
<td>Science Journalism</td>
<td>12</td>
</tr>
<tr>
<td>21W.792</td>
<td>Science Writing Internship</td>
<td>12</td>
</tr>
<tr>
<td>21W.THT</td>
<td>Writing and Humanistic Studies Pre-Thesis Tutorial</td>
<td>6</td>
</tr>
<tr>
<td>21W.THU</td>
<td>Writing and Humanistic Studies Thesis</td>
<td>12</td>
</tr>
<tr>
<td><strong>Total Units</strong></td>
<td></td>
<td><strong>99-102</strong></td>
</tr>
</tbody>
</table>

2 Select from the 21W subjects for which the first digit after the decimal is 0.