HUMANITIES AND ENGINEERING (COURSE 21E)

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 (http://web.mit.edu/commreq/cim/course21e21s.html). 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>Subjects</th>
</tr>
</thead>
<tbody>
<tr>
<td>Science Requirement</td>
<td>6</td>
</tr>
<tr>
<td>Humanities, Arts, and Social Sciences (HASS)</td>
<td>8</td>
</tr>
<tr>
<td>Requirement [between three and six subjects can be from the Departmental Program. Only one subject being used to meet the distribution component of the HASS Requirement may be counted toward the degree program.]; at least two of these subjects must be designated as communication-intensive (CI-H) to fulfill the Communication Requirement.</td>
<td></td>
</tr>
<tr>
<td>Restricted Electives in Science and Technology (REST) Requirement</td>
<td>2</td>
</tr>
<tr>
<td>Laboratory Requirement (12 units)</td>
<td>1</td>
</tr>
<tr>
<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):
- American Studies ¹
- Ancient and Medieval Studies ¹

Restricted Electives Units

<table>
<thead>
<tr>
<th>Subjects</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>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):</td>
<td></td>
</tr>
<tr>
<td>American Studies ¹</td>
<td>81-114</td>
</tr>
<tr>
<td>Ancient and Medieval Studies ¹</td>
<td></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>
</tr>
</thead>
<tbody>
<tr>
<td>63-84</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Subjects</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>21.THT Humanities Pre-Thesis Tutorial ¹</td>
<td>6</td>
</tr>
<tr>
<td>21.THU Undergraduate Thesis in Humanities</td>
<td>12</td>
</tr>
<tr>
<td>Total Units</td>
<td>81-102</td>
</tr>
</tbody>
</table>

¹ With the consent of the faculty advisor, a student may substitute two subjects for 21.THT and 21.THU.
## Humanities and Engineering (Course 21E)

### Ancient and Medieval Studies
Select seven elective subjects that follow the general structure of the Minor  
21THT Humanities Pre-Thesis Tutorial  
21THU Undergraduate Thesis in Humanities  
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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>21A.00</td>
<td>Introduction to Anthropology: Comparing Human Cultures</td>
<td>12</td>
</tr>
<tr>
<td>or 21A.01</td>
<td>How Culture Works</td>
<td></td>
</tr>
</tbody>
</table>

Select eight elective subjects  
Total Units 102-108

2 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  
21THT Humanities Pre-Thesis Tutorial  
21THU Undergraduate Thesis in Humanities  
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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>CMS.100</td>
<td>Introduction to Media Studies</td>
<td>12</td>
</tr>
<tr>
<td>CMS.701</td>
<td>Current Debates in Media</td>
<td>12</td>
</tr>
</tbody>
</table>

Select one of the following Practice and Production Subjects:  
CMS.335[J] Short Attention Span Documentary  
CMS.362     | Civic Media Collaborative Design Studio | 12 |
CMS.590[J]  | Design and Development of Games for Learning | 12 |
CMS.609[J]  | The Word Made Digital | 12 |
CMS.622     | Applying Media Technologies in the Arts and Humanities | 12 |
CMS.633     | Digital Humanities: Topics, Techniques, and Technologies | 12 |
CMS.634     | Designing Interactions | 12 |

### 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

<table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>21H.THT</td>
<td>History Pre-Thesis Tutorial</td>
<td>6</td>
</tr>
<tr>
<td>21H.THU</td>
<td>History Thesis</td>
<td>12</td>
</tr>
</tbody>
</table>

Total Units 81-102

### Latin American and Latino/a Studies
Select six elective subjects, including study in at least two disciplines and subjects in either Spanish or Portuguese  
21THT Humanities Pre-Thesis Tutorial  
21THU Undergraduate Thesis in Humanities  
Total Units 84-102

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

### Music

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course 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 Monteverdi to Mozart: 1600-1800  
21M.260 Stravinsky to the Present

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

### Making Documentary: Audio, Video, and More
Select five CMS electives  
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.
Restricted Electives
A coherent program of four subjects from the music curriculum chosen in consultation with faculty advisor(s) 48
Total Units 96

Russian and Eurasian Studies
Select seven elective subjects, two of which must satisfy the language requirement 63-84
21.THT Humanities Pre-Thesis Tutorial 6
21.THU Undergraduate Thesis in Humanities 12
Total Units 81-102

Science, Technology, and Society (STS)
Select seven elective subjects 1 63-84
STS.004 Intersections: Science, Technology, and the World 12
STS.THT Undergraduate Thesis Tutorial 6
STS.THU Undergraduate Thesis 12
Total Units 93-114

1 Must include at least one Tier I subject (http://sts-program.mit.edu/academics/undergraduate/tier-i-subjects) in addition to STS.004 and one Tier II subject (http://sts-program.mit.edu/academics/undergraduate/tier-ii-subjects).

Theater Arts
Select six elective subjects 54-72
21M.710 Script Analysis 12
Select 12 units of the following: 12
21M.803 Performance and Design Workshop
21M.806 Applied Performance and Design Production
21M.809 Performance and Design Intensive
21M.851 Independent Study in Performance and Design
21M.THT Pre-Thesis Tutorial 6
21M.THU Undergraduate Thesis 12
Total Units 96-114

Women's and Gender Studies
WGS.101 Introduction to Women's and Gender Studies 12
WGS.301 Feminist Thought 12
Select five elective subjects 60
21.THT Humanities Pre-Thesis Tutorial 1 6
21.THU Undergraduate Thesis in Humanities 12
Total Units 102

1 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 1 84
21W.THT Writing and Humanistic Studies Pre-Thesis Tutorial 6
21W.THU Writing and Humanistic Studies Thesis 12
Total Units 102

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

Writing: Digital Media
21W.765[J] Interactive Narrative 12
21W.785 Communicating with Web-Based Media 12
Select a CI-M subject in writing 12
Select three related subjects from another department 27-36
21W.THT Writing and Humanistic Studies Pre-Thesis Tutorial 6
21W.THU Writing and Humanistic Studies Thesis 12
Total Units 93-102

Writing: Science Writing
Select a subject in basic exposition 1 12
Select a subject in digital media 12
Select a subject in science, technology, and society 9-12
Select an elective writing subject 12
21W.777 Science Writing in Contemporary Society 12
21W.778 Science Journalism 12
21W.792 Science Writing Internship 12
21W.THT Writing and Humanistic Studies Pre-Thesis Tutorial 6
21W.THU Writing and Humanistic Studies Thesis 12
Total Units 99-102

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