Bachelor of Science in Humanities and Science

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 Science component of 21S degrees. Up to six subjects (72 units) may be used for both the major and the GIRs, but the units from those subjects may not count toward the 180 units required beyond the GIRs. In addition, no more than one subject that counts toward the distribution component of the HASS Requirement may also be counted toward this major. At least eight of the subjects required for the chosen program cannot also count toward another major or a minor.

Students must designate two CI-M subjects by petitioning the Subcommittee on the Communication Requirement. 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>Units</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>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><strong>Total GIR Subjects Required for SB Degree</strong></td>
<td><strong>17</strong></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, 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>Subjects</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>African and African Diaspora Studies ¹</td>
<td></td>
</tr>
<tr>
<td>American Studies ¹</td>
<td></td>
</tr>
<tr>
<td>Ancient and Medieval Studies ¹</td>
<td></td>
</tr>
<tr>
<td>Anthropology</td>
<td></td>
</tr>
<tr>
<td>Asian and Asian Diaspora Studies ¹</td>
<td></td>
</tr>
<tr>
<td>Comparative Media Studies</td>
<td></td>
</tr>
<tr>
<td>Global Studies and Languages (in French, German, or Spanish)</td>
<td></td>
</tr>
<tr>
<td>History</td>
<td></td>
</tr>
<tr>
<td>Latin American and Latino/a Studies ¹</td>
<td></td>
</tr>
<tr>
<td>Literature</td>
<td></td>
</tr>
<tr>
<td>Music</td>
<td></td>
</tr>
<tr>
<td>Russian and Eurasian Studies ¹</td>
<td></td>
</tr>
<tr>
<td>Science, Technology, and Society (STS)</td>
<td></td>
</tr>
<tr>
<td>Theater Arts</td>
<td></td>
</tr>
<tr>
<td>Women's and Gender Studies ¹</td>
<td></td>
</tr>
<tr>
<td>Writing</td>
<td></td>
</tr>
</tbody>
</table>

For the science component, select six elective subjects restricted to one of the science curricula and approved by a faculty member in the field.

**Units in Major**

<table>
<thead>
<tr>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>135-186</td>
</tr>
</tbody>
</table>

**Unrestricted Electives**

<table>
<thead>
<tr>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-117</td>
</tr>
</tbody>
</table>

**Units in Major That Also Satisfy the GIRs**

<table>
<thead>
<tr>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>36-72</td>
</tr>
</tbody>
</table>

**Total Units Beyond the GIRs Required for SB Degree**

<table>
<thead>
<tr>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>180</td>
</tr>
</tbody>
</table>

The units for any subject that counts as one of the 17 GIR subjects cannot also be counted as units required beyond the GIRs.

¹ African and African Diaspora Studies, 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.
Restricted Electives: Humanities Component (by area of study)

African and African Diaspora Studies
Select seven elective subjects that follow the general structure of the Minor

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

Total Units: 81-102

American Studies
Select seven elective subjects that follow the structure of the Minor

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

Total Units: 81-102

Ancient and Medieval Studies
Select seven elective subjects that follow the general structure of the Minor

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

Total Units: 81-102

Anthropology

| 21A.00 | Introduction to Anthropology: Comparing Human Cultures | 12 |
| 21A.01 | How Culture Works | |
| 21A.157 | The Meaning of Life | |

Select eight elective subjects

Total Units: 102-108

Global Studies and Languages (in French, German, or Spanish)
Select nine elective subjects, which may include a pre-thesis tutorial (21G.THT) and thesis (21G.THU), subject to faculty approval

Total Units: 81-108

History
Select five elective subjects

Select one 21H seminar subject (excluding 21H.390)

Select five CMS electives

Total Units: 81-108

Asian and Asian Diaspora Studies
Select seven elective subjects that follow the general structure of the Minor

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

Total Units: 81-102

Comparative Media Studies

Select one of the following Practice and Production subjects:

| CMS.100 | Introduction to Media Studies | 12 |
| CMS.362 | Civic Media Collaborative Design Studio | |
| CMS.590 | Design and Development of Games for Learning | |
| CMS.609 | The Word Made Digital | |
| CMS.633 | Digital Humanities: Topics, Techniques, and Technologies | |
| CMS.634 | Designing Interactions | |
| CMS.635 | Short Attention Span Documentary | |
| CMS.636 | Civic Media Collaborative Design Studio | |
| CMS.637 | Design and Development of Games for Learning | |
| CMS.638 | The Word Made Digital | |
| CMS.639 | Digital Humanities: Topics, Techniques, and Technologies | |
| CMS.640 | Designing Interactions | |
| CMS.641 | Short Attention Span Documentary | |

Total Units: 45-60

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

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

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

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

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

3 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.

4 An honors thesis may be done at the invitation and approval of the faculty.
The five 21H subjects must include one pre-modern subject (before 1700).

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](http://history.mit.edu/subjects) for additional information.

### Latin American and Latino/a Studies

<table>
<thead>
<tr>
<th>Subject</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>17.55IJ</td>
<td>Introduction to Latin American Studies</td>
<td>12</td>
</tr>
</tbody>
</table>

Select six elective subjects, including study in at least two disciplines and subjects in Spanish or Portuguese. 54-72

### 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>Subject</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>
<tr>
<td>21M.500</td>
<td>Advanced Seminar in Music</td>
<td>12</td>
</tr>
</tbody>
</table>

Select two terms of Performance subjects (6 units each). 12

Select one of the following: 12

- 21M.220: Medieval and Renaissance Music
- 21M.235: Baroque and Classical Music
- 21M.250: Nineteenth-Century Music
- 21M.260: Music since 1900
- 21M.271: Symphony and Concerto
- 21M.273: Opera

Select one of the following: 12

- 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

### Total Units

96

### Restricted Electives

A coherent program of four subjects from the music curriculum chosen in consultation with faculty advisor(s). 36

### Total Units

96

### Russian and Eurasian Studies

Select seven elective subjects, two of which must satisfy the language requirement 1. 63-84

### Total Units

102

1. Must include at least one Tier I subject ([http://sts-program.mit.edu/academics/undergraduate/tier-i-subjects](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](http://sts-program.mit.edu/academics/undergraduate/tier-ii-subjects)).

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

Select six elective subjects 1. 54-72

<table>
<thead>
<tr>
<th>Subject</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>STS.004</td>
<td>Intersections: Science, Technology, and the World</td>
<td>12</td>
</tr>
<tr>
<td>STS.THT</td>
<td>Undergraduate Thesis Tutorial</td>
<td>6</td>
</tr>
<tr>
<td>STS.THU</td>
<td>Undergraduate Thesis</td>
<td>12</td>
</tr>
</tbody>
</table>

### Total Units

84-102

### Theater Arts

Select seven elective subjects. Qualified students may, with departmental approval, substitute a thesis (21M.ThU) for one these 12-unit electives. 66-84

### Select 12 units of the following:

- 21M.710: Script Analysis | 12
- 21M.803: Performance and Design Workshop | 12
- 21M.806: Applied Performance and Design Production | 12
- 21M.809: Performance and Design Intensive | 12
- 21M.851: Independent Study in Performance and Design | 12

### Total Units

90-108

### Women's and Gender Studies

Select five elective subjects. | 60

### 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

Select seven subjects in Writing 1. 84

### Total Units

84

21W.THT | Writing Pre-Thesis Tutorial | 6

1. Must include at least one Tier I subject ([http://sts-program.mit.edu/academics/undergraduate/tier-i-subjects](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](http://sts-program.mit.edu/academics/undergraduate/tier-ii-subjects)).
One of these subjects is normally at the introductory level; one may be selected from a related field.