ARCHAEOLOGY AND MATERIALS (COURSE 3-C)

Department of Materials Science and Engineering (http://catalog.mit.edu/schools/engineering/materials-science-engineering/#undergraduate_text)

Bachelor of Science in Archaeology and Materials as Recommended by the Department of Materials Science and Engineering

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>Humanities, Arts, and Social Sciences (HASS)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Science Requirement</td>
<td>6</td>
<td>8</td>
</tr>
<tr>
<td>Laboratory Requirement (12 units) [can be satisfied by 3.012 and 12.001 in the Departmental Program]</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Total GIR Subjects Required for SB Degree</td>
<td>17</td>
<td></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.

Required Subjects

<table>
<thead>
<tr>
<th>Units</th>
<th>Subjects</th>
</tr>
</thead>
<tbody>
<tr>
<td>15</td>
<td>3.012</td>
</tr>
<tr>
<td>12</td>
<td>3.014</td>
</tr>
<tr>
<td>12</td>
<td>3.016</td>
</tr>
<tr>
<td></td>
<td>or 18.03</td>
</tr>
<tr>
<td>12</td>
<td>3.022</td>
</tr>
<tr>
<td>12</td>
<td>3.032</td>
</tr>
</tbody>
</table>

or 3.044 Materials Processing
3.985[J] Archaeological Science
3.986 The Human Past: Introduction to Archaeology
3.987 Human Evolution: Data from Palaeontology, Archaeology, and Materials Science
3.990 Seminar in Archaeological Method and Theory (CI-M)
3.THU Undergraduate Thesis 2
12.001 Introduction to Geology
12.119 Analytical Techniques for Studying Environmental and Geologic Samples
21A.00 Introduction to Anthropology: Comparing Human Cultures
Select one of the following: 12
1.00 Engineering Computation and Data Science
3.021 Introduction to Modeling and Simulation
6.01 Introduction to EECS via Robotics

Restricted Electives 3
3.982 The Ancient Andean World
or 3.983 Ancient Mesoamerican Civilization
Select one of the following: 12
3.052 Nanomechanics of Materials and Biomaterials
3.07 Introduction to Ceramics
3.14 Physical Metallurgy

Units in Major 183

Unrestricted Electives 69-81

Units in Major That Also Satisfy the GIRs (81)

Total Units Beyond the GIRs Required for SB Degree 180

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 18.032 Differential Equations is also an acceptable option.
2 Students may elect up to 9–12 units.
3 Substitution of similar subjects may be permitted by petition.