### INSTITUTE REQUIREMENTS

<table>
<thead>
<tr>
<th>Subject</th>
<th>Term</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemistry (1)</td>
<td>3.091/5.11</td>
<td></td>
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<tr>
<td>Biology (1)</td>
<td>7.01</td>
<td></td>
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<tr>
<td>Calculus (2)</td>
<td>18.01</td>
<td>18.02</td>
</tr>
<tr>
<td>Physics (2)</td>
<td>8.01</td>
<td>8.02</td>
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#### Institute Lab (1)

6.01 + (6.02 or 6.03), or 6.504

#### REST (2)

18.03, 18.06, 6.002, 6.005, 6.041, 6.042

#### HASS (8)

- HASS-H
- HASS-A
- HASS-S

#### Concentration

- Concentration
- Concentration
- Concentration/Elective
- Elective

### DEPARTMENT REQUIREMENTS

<table>
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<th>Subject</th>
<th>Term</th>
<th>Grade</th>
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<tbody>
<tr>
<td>Introductory (2)</td>
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<tr>
<td>Mathematics* (2)</td>
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<tr>
<td>Foundations (3 or 4)</td>
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<tr>
<td>Department Lab (1)</td>
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<tr>
<td>Advanced Undergraduate Subjects (2)</td>
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<tr>
<td>Advanced Project** (1 or 2)</td>
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<tr>
<td>M.Eng. Restricted Electives (2)</td>
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<tr>
<td>M.Eng. Advanced Approved Graduate Subjects (4)</td>
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<tr>
<td>M.Eng. Thesis (24 units minimum)</td>
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### Notes

- * Check which math courses are prerequisites for your other courses. 6.008 can be used instead of 6.042 as a prereq for CS courses, by petition.
- ** If taken Fall 2015 or after, 12 units of 6.UAR also satifies the 6.UAT requirement; otherwise 6.UAT is required for all students.
- Juniors must take one of the EECS CI-M courses -- see [http://www.eecs.mit.edu/academics-admissions/undergraduate-programs/curriculum/communication-requirement](http://www.eecs.mit.edu/academics-admissions/undergraduate-programs/curriculum/communication-requirement)

Dept. requirements may be used to satisfy the Institute Lab, REST and CI-M requirements. Otherwise: NO DOUBLE COUNTING!
M.Eng. Program, AUS Subjects and Concentrations in EECS

42 units: Four EECS Approved Advanced Graduate Subjects (AAGS); one of the four can be non-EECS AAGS by petition
24 units: Two subjects from Restricted Electives list
24 units: M.Eng. thesis (6.THM)
90 units TOTAL


Concentration Fields: one three-subject concentration from among the 2 AUS and 4 AAGS subjects. Classes in bold may be used as AUS by Advisor permission.

Approved Substitution: ___________________________________________

Approved Substitution: ___________________________________________

Approved Substitution: ___________________________________________

Circuits AUS: 6.301, 6.302
AAGS: 6.331, 6.332, 6.333, 6.334, 6.374, 6.375, 6.376, 6.775, 6.776
Approved Substitution: ___________________________________________

Communications AUS: 6.207, 6.36
Approved Substitution: ___________________________________________

Computer Systems AUS: 6.035 (if not used as Lab), 6.172 (not if used as Lab), 6.173* (if not used as lab), 6.805, 6.814, 6.816
Approved Substitution: ___________________________________________

Control AUS: 6.302.
Approved Substitution: ___________________________________________

Graphics and Human-Computer Interfaces AUS: 6.801, 6.807, 6.813 (if not used for Lab), 6.815, 6.819, 6.837
Approved Substitution: ___________________________________________

Approved Substitution: ___________________________________________

Numerical Methods
Approved Substitution: ___________________________________________

Signals and Systems
Approved Substitution: ___________________________________________

Theoretical Computer Science AUS: 6.045
Approved Substitution: ___________________________________________

*no longer satisfies requirement or no longer exists; but can be used if taken previously. Bold subjects can be used to satisfy the AUS requirement by advisor permission only.

Subjects used a AUS cannot also be counted for Lab or Senior Project (6.UAP).