LEADERS FOR GLOBAL OPERATIONS MBA AND SM IN ENGINEERING

Master of Business Administration (or Master of Science in Management) and Master of Science in Chemical Engineering

Leaders for Global Operations (http://catalog.mit.edu/interdisciplinary/graduate-programs/leaders-global-operations)

MBA Program Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>15.002</td>
<td>Leadership Challenges for an Inclusive World</td>
<td>1</td>
</tr>
<tr>
<td>15.010</td>
<td>Economic Analysis for Business Decisions</td>
<td>9</td>
</tr>
<tr>
<td>15.280</td>
<td>Communication for Leaders</td>
<td>9</td>
</tr>
<tr>
<td>15.311</td>
<td>Organizational Processes</td>
<td>9</td>
</tr>
<tr>
<td>15.515</td>
<td>Financial Accounting</td>
<td>9</td>
</tr>
</tbody>
</table>

MBA Coursework

Select one of the following subjects:

- 15.401 Managerial Finance
- 15.814 Marketing Innovation
- 15.900 Competitive Strategy

Leaders for Global Operations Content

15.086 Engineering Probability
15.316 Building and Leading Effective Teams
15.317 Leadership and Organizational Change
15.761 Introduction to Operations Management
15.769 Operations Strategy
15.792 Global Operations Leadership Seminar
15.794 Research Project in Operations

One 3-unit subject in Lean Operations
One 3-unit practical leadership subject
One 6-unit plant tour and partner integration subject

Unrestricted Electives

Select at least 40 units of graduate-level subjects. No more than three subjects can be taken in departments other than Management.

Total Units

157

SM in Chemical Engineering Program Requirements

LGO Required Engineering Subjects

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>15.066</td>
<td>System Optimization and Analysis for Operations</td>
<td>12</td>
</tr>
<tr>
<td>15.087</td>
<td>Engineering Statistics and Data Science</td>
<td>12</td>
</tr>
</tbody>
</table>

One 3-unit subject in Python

Chemical Engineering Required Subjects

Select two of the following subjects:

- 10.34 Numerical Methods Applied to Chemical Engineering
- 10.40 Chemical Engineering Thermodynamics
- 10.50 Analysis of Transport Phenomena
- 10.65 Chemical Reactor Engineering

Engineering Electives

Graduate subjects in Chemical Engineering, chosen in consultation with the advisor

Thesis (X.THG)

Total Units

90

1. This subject is taught at the undergraduate level and does not count toward the units required for the degree.
2. The number of Engineering Electives units represents the minimum requirement. Actual units may be higher based on the subjects chosen.
4. The thesis fulfills thesis requirements for the Master of Business Administration (or Master of Science in Management) and the Master of Science in the engineering specialty. All LGO students must fulfill the 24-unit minimum thesis requirement based on the internship. The thesis units are applied to the home department (where a student has applied to LGO) and the thesis subject number registration depends on the student’s primary department. Consult the LGO program guide or program officer prior to thesis registration.

LGO students do not take 15.060 Data, Models, and Decisions in the MBA core.

LGO students must complete Ethics Module only of MBA Core LEAD Requirement.