

LEADERS FOR GLOBAL OPERATIONS MBA AND SM IN ENGINEERING

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

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

MBA Program Requirements

| MBA Coursework ¹ | | |
|--|---|------------|
| 15.002 | Leadership Challenges for an Inclusive World ² | 1 |
| 15.010 | Economic Analysis for Business Decisions | 9 |
| 15.280 | Communication for Leaders | 9 |
| 15.311 | Organizational Processes | 9 |
| 15.515 | Financial Accounting | 9 |
| MBA Core Elective | | 9 |
| <i>Select one of the following subjects:</i> | | |
| 15.401 | Managerial Finance | |
| 15.814 | Marketing Innovation | |
| 15.900 | Competitive Strategy | |
| Leaders for Global Operations Content | | |
| 15.086 | Engineering Probability | 3 |
| 15.316 | Building and Leading Effective Teams | 4 |
| 15.317 | Leadership and Organizational Change ³ | 12 |
| 15.761 | Introduction to Operations Management ⁴ | 9 |
| 15.769 | Operations Strategy | 9 |
| 15.792[J] | Global Operations Leadership Seminar ⁵ | 4 |
| 15.794 | Research Project in Operations ⁶ | 18 |
| One 3-unit subject in lean operations | | 3 |
| One 3-unit practical leadership subject | | 3 |
| One 6-unit plant tour and partner integration subject | | 6 |
| Unrestricted Electives | | |
| Select at least 40 units of graduate-level subjects. No more than three subjects can be taken in departments other than Management. ⁷ | | 40 |
| Total Units | | 157 |

¹ LGO students do not take 15.060 Data, Models, and Decisions in the MBA core.

² LGO students must complete Ethics Module only of MBA Core LEAD Requirement.

- ³ Taken during the first summer and final spring for 6 units each, with deliverables during LGO internship on-site period.
- ⁴ For Operations Research students, this subject is usually approved as an OR Elective.
- ⁵ This 2-unit subject is taken twice during the program.
- ⁶ Taken over multiple terms for a total of 18 units.
- ⁷ Operations Research students must take 15.066[J] System Optimization and Analysis for Operations and 15.087 Engineering Statistics and Data Science as part of their electives.

SM in Mechanical Engineering Program Requirements

| LGO Required Engineering Subjects | | |
|---|---|-----------|
| 15.066[J] | System Optimization and Analysis for Operations | 12 |
| 15.087 | Engineering Statistics and Data Science | 12 |
| One 3-unit subject in Python ¹ | | |
| Mechanical Engineering Required Subjects | | |
| Three 12-unit graduate subjects in Mechanical Engineering ^{2, 3} | | 36 |
| Engineering Electives | | 12 |
| Any graduate engineering subject ³ | | |
| Thesis (X.THG) ⁴ | | 24 |
| Total Units | | 96 |

¹ This subject is taught at the undergraduate level and does not count toward the units required for the degree.

² Chosen Mechanical Engineering subjects (<http://catalog.mit.edu/subjects/2>) cannot be cross-listed with Management subjects (15.XX) unless approved by the advisor.

³ Subject(s) must be chosen in consultation with advisor.

⁴ All LGO students must fulfill the 24#unit minimum dual-degree thesis requirement based on the internship. By incorporating management and engineering content from the respective specialty, students fulfill the thesis requirement for the Master of Business Administration (or Master of Science in Management) and the Master of Science in the engineering specialty. The thesis units are applied to the home department (through which the student 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.

