

Lean Six Sigma, Graduate Certificate (Boston)

The Graduate Certificate in Lean Six Sigma focuses on enhancing engineering knowledge and skills with the fundamentals of lean manufacturing thinking and six sigma concepts to improve business processes through optimizing flow, eliminating waste, and emphasizing quality.

This four-course graduate certificate seeks to provide students with opportunities to apply the fundamentals of lean six sigma concepts across an enterprise to contribute to an organization's continuous improvement initiatives by identifying and employing lean and quality tools and techniques, along with utilizing statistical methods to achieve quality control.

Program Requirements

Complete all courses and requirements listed below unless otherwise indicated.

Core Requirements

| Code | Title | Hours |
|-------------|--|--------------|
| IE 5617 | Lean Concepts and Applications | 4 |
| IE 6200 | Engineering Probability and Statistics | 4 |
| IE 7280 | Statistical Methods in Engineering | 4 |
| IE 7285 | Statistical Quality Control | 4 |

Program Credit/GPA Requirements

16 total semester hours required

Minimum 3.000 GPA required