The MGTSC-MIN degree program consists of 27 units of MS&E coursework as outlined on this sheet. Any prerequisite math or fundamentals course outside the MS&E core and elective courses listed may be duplicated in the breadth (not depth) of another degree program.

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<tr>
<th>Dept</th>
<th>Course</th>
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**Prerequisites (both required):**

- CME 100 or MATH 51 (choose one)
- CS 106A Programming Methodology

**Core Courses (all required):**

- MS&E 111 Introduction to Optimization
- MS&E 120 Probabilistic Analysis
- MS&E 121 Introduction to Stochastic Modeling
- MS&E 125 Introduction to Applied Statistics
- MS&E 180 Organizations
- MS&E 100- or 200-level MS&E elective course
- MS&E 100- or 200-level MS&E elective course

**Recommended Courses:**

- ECON 50 Economic Analysis I
- MS&E 140/140X Accounting (MS&E 140 may be used as one of the required electives above)

**Program total (26-28 units)**

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**Notes**

- All courses taken for the minor must be taken for a letter grade, if that option is offered by the instructor.
- Form is available as an Excel file at ughb.stanford.edu. You must use a program sheet from a year you are enrolled at Stanford. Printed form must be signed by the departmental representative.
- Combined GPA of all courses taken for the minor must be a minimum of 2.0.

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**Program Approvals**

**Departmental**

Printed Name: Lori Cottle  
Date: ________

Signature: ________________________________

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**School of Engineering (No action required - office use only)**

Printed Name: __________________________  Date: ________

Signature: ________________________________

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