MSE M.Eng. Degree Requirements

Minimum of 30 qualifying credits

- **21 Credits:**
  - MSE Core Courses: Either in our M.Eng. program, or in previous work, students must have completed 2060, 3030, and 3040 (or equivalents) and one “properties” class (2610, 2620, 3010, 3050, or 4020)
  - MSE electives and Materials Application Electives (or similar content at grad level):
    - [http://www.mse.cornell.edu/academics/undergraduate/courses/index.cfm](http://www.mse.cornell.edu/academics/undergraduate/courses/index.cfm)
    - Project: 4-8 credits
    - A minimum of 6 credits in MSE numbered courses beyond the project
    - 2 credits seminar (1/semester)

- **3 credits:**
  - one management course (NCC 5540, CHEM 5720, CEE5900, CEE 5910, CEE 5930, or CEE 6900)

- **6 technical elective credits:**
  - consistent with preparing for a career in a materials related field

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MSE M.Eng: What are **YOU** made of?
What distinguishes Cornell’s MSE M.Eng. degree?

- Corporate experience: Current and past projects with the following companies:
  - Corning, Inc.
  - Kionix, Inc.
  - Pall Corporation
  - T+ink, Inc.
  - Advanced Design Consulting USA, Inc.
  - Incodema3D, LLC
  - Primet Precision Materials, Inc.

- Innovation and Entrepreneurship training:
  - MSE 5070: Interdisciplinary Design Concepts
  - Work with companies in the McGovern Center, Cornell’s Incubator for Life Science Companies. Current and previous projects with:
    - ZYMtronix Catalytic Systems, Inc.
    - Ionica Sciences
    - Seraph Robotics, Inc.

- Interdisciplinary projects: Current and past projects in collaboration with faculty from:
  - Chemical & Biological Engineering
  - Chemistry
  - Cornell Center for Materials Research (CCMR)
  - Fiber Science
  - Mechanical & Aerospace Engineering

- Professional Skills Development Training

Graduate Admissions

An online application for admission and financial aid for the Master of Engineering program must be completed through the Cornell University Graduate School. Go here to apply: http://gradschool.cornell.edu/admissions/apply

Test requirements:
- GRE: MSE does not have a minimum score; however you must have taken the GRE within 5 years of applying. Typical GRE scores of qualified candidates are: quantitative (165), verbal (155), analytical (3.5).

- TOEFL (IBT Version): These minimum scores are a Graduate School Requirement that MUST be met:
  - Writing: 20, Listening: 15, Reading: 20, Speaking: 22

Statement of Purpose and Recommendation Letters
Each applicant must submit a personal statement. Three recommendation letters are required (early admit Cornell students need two letters). Letters may be submitted by faculty members or those familiar with your professional performance.

Transcripts
Unofficial transcripts may be submitted with your application. They must be submitted in English. If you are admitted to the program, you will be required to submit an official transcript. All official transcripts may be sent to the MSE program office for submission to the Graduate School.