At Cornell Engineering we are learning to change the world. Here, great science and an exceptional academic program are not enough. We aspire to make discoveries and educate leaders who will have a lasting impact. We are problem finders, not just problems solvers.

We are a surprising, eclectic, and visionary group with a broad range of experiences and interests that compel us to tackle pressing problems from many angles. Cornell Engineering students think their way over, under, around, and through problems, with a tenacious and entrepreneurial spirit, to make the world a better place. They do it with world-class faculty at their back, fanning the spark of discovery and innovation.

Materials Science is at the forefront of many current technological advances, from fuel cells to drug delivery. The Materials Science and Engineering Department at Cornell is broadly interdisciplinary and has led the way in moving the study of Materials Science away from a curriculum based on materials classes -- polymers, metals, semiconductors, ceramics -- to one based on systems and applications. There is a great need for advanced materials in the new world economy and Materials Science has developed systematic approaches to move forward with groundbreaking innovation.

WE WANT YOU!
For More Information & Admission Requirements for the MSE MEng program:
http://www.meng.mse.cornell.edu
Admissions for both Fall & Spring semester

MSE Graduate Admissions
210E Bard Hall
Cornell University
Ithaca, NY 14853
Phone: (607) 255-9617
Email: mse@cornell.edu
Master of Engineering (M.Eng.) 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: You must have taken the GRE within 5 years of applying. Typical GRE scores of qualified candidates are: quantitative (160), verbal (160), analytical (4).
- TOEFL (IBT Version): You must have taken the TOEFL within 5 years of applying. Typical TOEFL scores of qualified candidates are: Writing: 25, Listening: 25, Reading: 25, Speaking: 25

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 should 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.

MSE M.Eng. Degree Requirements

The requirements for a Master of Engineering degree in Materials Science & Engineering are:
- Minimum of 30 qualifying course credits, as follows
  - 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)
    - 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, CEES900, CEE 5910, CEE 5930, or CEE 6900)
  - 6 technical elective credits:
    - Consistent with preparing for a career in a materials related field
    - Minimum semester MSE GPA of 2.50, and a minimum GPA of 2.50 across all MSE courses.
    - No grade below a C- in any graded course taken.

For more detailed information on degree requirements for each concentration or minor, including substitutions and exceptions, see the MSE Master of Engineering Student Handbook (PDF).

For more Information & Admissions Requirements for the MSE MEng program: http://www.meng.mse.cornell.edu/Admissions/apply
Admissions for both Fall & Spring semester

Cornell Engineering Career Center

The Cornell Engineering Career Center inspires and empowers students to create lifelong career success through a mix of tools and resources, workshops, and individual appointments. They are also dedicated to building and maintaining relationships with employers seeking to recruit Cornell MSE M.Eng. students.

Cornell Engineering Career Center staff members will help you explore career options, confidently communicate your skills and abilities in job applications and networking situations, and implement an effective strategy to attain your desired career outcomes.

For more information:
https://www.engineering.cornell.edu/resources/career_services/

Hiring International Students

The diverse student population at the Cornell University College of Engineering is among its greatest assets. International students come from all over the world to learn, explore, and create solutions to new problems. In our global economy, lessons learned in Engineering transcend borders and prepare students to work in the U.S. or return to their home countries in leadership roles.

For more information:
https://www.engineering.cornell.edu/resources/career_services/employers/recruiting/hiring_international.cfm

Below is the list of employers who have hired MSE grads from the classes of 2013-2016 as reported in the post grad survey:

3M
Accenture
Amazon
ams AG
Anheuser-Busch
Armour Flooring
ASML
Bose State University
Cabot Corporation
Carbon3D
City Year
Clark Construction Group
Collagen Matrix, Inc.
Continental Automotive Systems

Coming Incorporated
Deloitte Consulting
Eigemlight Corporation
Energy Market Innovations (EMI) Consulting
Epic Systems
ExxonMobil
First Solar
Formosa Plastics Corporation, U.S.A.
Fraunhofer USA
GlobalFoundries
Goodyear Tire and Rubber Company
Greene Tweed
Harris Corporation
IBM
Intel Corporation
Intertek
Kearny Green Mountain
Korea Institute of Science and Technology
L’Oreal
Lawrence Berkeley National Laboratory
Lawrence Livermore National Laboratory
Material Connection
Maxim Integrated
Moon Capital Management, LP
Ots Elevator Company
Oxford University
Pacific Opal
Raytheon
Ropes & Gray LLP
Sage Electromechanics, Inc.
Samyang Corporation
Smith & Nephew
Space Systems/Loral
Strood International
Teach for America
Texas Instruments
TTO SUD America
United States Army Corps of Engineers
United States Navy
University of Illinois at Urbana-Champaign
UTC Aerospace Systems
Veolia Environnement North America