

Business Administration and Engineering: MBA/MEng

UC Berkeley's integrated Master's of Business Administration/Master's of Engineering (MBA/MEng) program is designed to prepare students to become leaders in technological innovation in an array of different industries. It enables students to earn two master's degrees in the time it would normally take to earn only one, and at a lower cost than enrolling in each program separately. Applicants who have a technical undergraduate education can normally complete this program in four semesters.

Students will earn a Master of Business Administration (MBA) degree from the Haas School of Business and a Master of Engineering (MEng) degree from one of seven departments in the College of Engineering:

- Bioengineering
- Civil and Environmental Engineering
- Electrical Engineering and Computer Science
- Industrial Engineering and Operations Research
- Materials Science and Engineering
- Mechanical Engineering
- Nuclear Engineering

The concurrent degree program is designed to help address the need in the high-tech industry for leaders who possess both technical skills and business acumen. Academic excellence combined with the innovation culture of the San Francisco Bay Area makes UC Berkeley the perfect place to prepare graduates from this selective program to be leaders in technological innovation and entrepreneurship. Students will take both business and engineering courses, and they will participate in courses and interdisciplinary projects designed especially for the concurrent program. Employment opportunities abound, from Silicon Valley to Wall Street to locations around the world.

Curricular details can be found at the "Master's Degree Requirements" tab in the upper right of this page.

MBA/MEng program applicants must complete the MBA application (<https://applynow.haas.berkeley.edu/apply/>) form and select the concurrent degree program. Applicants will be considered for admission to both departments and a combined committee will make decisions on admission to the concurrent program. Applicants who are admitted to only one of the two programs may enroll in that program. When applying, applicants must indicate their first choice and second choice (optional) among the seven departments in the College of Engineering.

Admission to the University

Minimum Requirements for Admission

The following minimum requirements apply to all graduate programs and will be verified by the Graduate Division:

1. A bachelor's degree or recognized equivalent from an accredited institution;
2. A grade point average of B or better (3.0);

3. If the applicant has completed a basic degree from a country or political entity (e.g., Quebec) where English is not the official language, adequate proficiency in English to do graduate work, as evidenced by a TOEFL score of at least 90 on the iBT test, 570 on the paper-and-pencil test, or an IELTS Band score of at least 7 on a 9-point scale (note that individual programs may set higher levels for any of these); and
4. Sufficient undergraduate training to do graduate work in the given field.

Applicants Who Already Hold a Graduate Degree

The Graduate Council views academic degrees not as vocational training certificates, but as evidence of broad training in research methods, independent study, and articulation of learning. Therefore, applicants who already have academic graduate degrees should be able to pursue new subject matter at an advanced level without the need to enroll in a related or similar graduate program.

Programs may consider students for an additional academic master's or professional master's degree only if the additional degree is in a distinctly different field.

Applicants admitted to a doctoral program that requires a master's degree to be earned at Berkeley as a prerequisite (even though the applicant already has a master's degree from another institution in the same or a closely allied field of study) will be permitted to undertake the second master's degree, despite the overlap in field.

The Graduate Division will admit students for a second doctoral degree only if they meet the following guidelines:

1. Applicants with doctoral degrees may be admitted for an additional doctoral degree only if that degree program is in a general area of knowledge distinctly different from the field in which they earned their original degree. For example, a physics PhD could be admitted to a doctoral degree program in music or history; however, a student with a doctoral degree in mathematics would not be permitted to add a PhD in statistics.
2. Applicants who hold the PhD degree may be admitted to a professional doctorate or professional master's degree program if there is no duplication of training involved.

Applicants may apply only to one single degree program or one concurrent degree program per admission cycle.

Required Documents for Applications

1. **Transcripts:** Applicants may upload *unofficial* transcripts with your application for the departmental initial review. *If the applicant is admitted*, then *official* transcripts of all college-level work will be required. Official transcripts must be in sealed envelopes as issued by the school(s) attended. If you have attended Berkeley, upload your unofficial transcript with your application for the departmental initial review. *If you are admitted*, an official transcript with evidence of degree conferral *will not* be required.
2. **Letters of recommendation:** Applicants may request online letters of recommendation through the online application system. Hard copies of recommendation letters must be sent directly to the program, not the Graduate Division.
3. **Evidence of English language proficiency:** All applicants who have completed a basic degree from a country or political entity in which the official language is not English are required to submit official evidence of English language proficiency. This applies to institutions

from Bangladesh, Burma, Nepal, India, Pakistan, Latin America, the Middle East, the People's Republic of China, Taiwan, Japan, Korea, Southeast Asia, most European countries, and Quebec (Canada). However, applicants who, at the time of application, have already completed at least one year of full-time academic course work with grades of B or better at a US university may submit an official transcript from the US university to fulfill this requirement. The following courses will not fulfill this requirement:

- courses in English as a Second Language,
- courses conducted in a language other than English,
- courses that will be completed after the application is submitted, and
- courses of a non-academic nature.

If applicants have previously been denied admission to Berkeley on the basis of their English language proficiency, they must submit new test scores that meet the current minimum from one of the standardized tests. Official TOEFL score reports must be sent directly from Educational Test Services (ETS). The institution code for Berkeley is 4833. Official IELTS score reports must be sent electronically from the testing center to University of California, Berkeley, Graduate Division, Sproul Hall, Rm 318 MC 5900, Berkeley, CA 94720. TOEFL and IELTS score reports are only valid for two years.

Where to Apply

Visit the Berkeley Graduate Division application page (<http://grad.berkeley.edu/admissions/apply/>).

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MBA Requirements

MBA 200S	Data and Decisions	2
MBA 201A	Economics for Business Decision Making	2
MBA 201B	Macroeconomics in the Global Economy	2
MBA 202	Financial Accounting	2
MBA 203	Introduction to Finance	2
MBA 204	Operations	2
MBA 205	Leading People	2
MBA 206	Marketing	2
MBA 207	Ethics and Responsible Business Leadership	1
MBA 299	Strategic Leadership	2

New MBA Core Courses as of Fall 2021

Communication in Diverse Environments (tentative title; MBA 205D; 1 unit)

Presentation Design for Analytical Communication (tentative title; MBA 200D; 1 unit)

Data Analytics (MBA 200A; 2 units)

MBA Electives

Six units of courses designed for the concurrent program or chosen from an approved list

Thirteen units of other MBA electives including an Applied Innovation course

Required Interdisciplinary Project

MBA/MEng Capstone Project (ENG 296MB; 3 units)

General MEng Requirements

ENGIN 270B	R&D Technology Management & Ethics	1
ENGIN 270C	Teaming & Project Management	1

Departmental MEng Requirements

Further courses will be required to complete the Engineering degree within the chosen department. See below for details.

BIOENGINEERING

12 units of approved graduate-level coursework in Bioengineering. See <https://bioeng.berkeley.edu/meng> (<https://bioeng.berkeley.edu/meng/>) for information on concentrations and pertinent courses. Students may also select their own graduate-level courses with the approval of the MEng Faculty Lead Advisor in Bioengineering. Course offerings may differ from year to year.

CIVIL & ENVIRONMENTAL ENGINEERING

12 units of approved graduate level coursework in Civil & Environmental Engineering. See <https://ce.berkeley.edu/grad/degrees/promote/meng> (<https://ce.berkeley.edu/grad/degrees/promote/meng/>) for an overview of the two technical concentrations. Requirements for the Large Scale Cyber-Physical Systems concentration appear at <https://ce.berkeley.edu/programs/sys/graduate-requirements> (<https://ce.berkeley.edu/programs/sys/graduate-requirements/>), and requirements for the Intelligent Transportation Systems concentration appear at <https://ce.berkeley.edu/programs/trans/graduate-requirements#certificate-Intelligent-transportation-systems> (<https://ce.berkeley.edu/programs/trans/graduate-requirements/#certificate-Intelligent-transportation-systems>). Slight modifications are allowed with the approval of the MEng Faculty Lead Advisor in Civil & Environmental Engineering. Course offerings may differ from year to year.

ELECTRICAL ENGINEERING & COMPUTER SCIENCE

4 courses (each with 3 or more units) in Electrical Engineering & Computer Science chosen among courses on the lists for the various concentrations, which are shown at <https://eecs.berkeley.edu/academics/graduate/industry-programs/meng> (<https://eecs.berkeley.edu/academics/graduate/industry-programs/meng/>). Course offerings may differ from year to year.

INDUSTRIAL ENGINEERING & OPERATIONS RESEARCH

12 units of approved graduate-level coursework in Industrial Engineering & Operations Research. See <https://ieor.berkeley.edu/academics/>

master-of-engineering/ for an overview. There are two required courses, IEOR 240 (Optimization Analytics, 3 units) and IEOR 241 (Risk Modeling, Simulation and Data Analysis, 3 units). The remaining courses may be taken from the list of approved electives available at: <https://ieor.berkeley.edu/wp-content/uploads/2019/03/MEng-IEOR-Tech-Electives.pdf>. The list of approved electives is updated from time to time and course offerings may differ from year to year.

MATERIALS SCIENCE & ENGINEERING

12 units of approved graduate-level coursework in Materials Science & Engineering. See <https://mse.berkeley.edu/master-of-engineering/> for information on concentrations (including a general concentration) and pertinent courses. Course offerings may differ from year to year.

MECHANICAL ENGINEERING

12 units of approved graduate-level coursework in Mechanical Engineering. See <https://me.berkeley.edu/graduate/meng/> for an overview and information on areas of concentration. Slight modifications are allowed with the approval of the MEng Faculty Lead Advisor in Mechanical Engineering. Course offerings may differ from year to year.

NUCLEAR ENGINEERING

12 units of approved graduate-level coursework in Nuclear Engineering. See information on technical concentrations at <https://nuc.berkeley.edu/master-of-engineering-program/>. Course offerings may differ from year to year.