

# GRADUATE PROGRAM

# Engineering Management

*Offered jointly by the Henry Samueli School of Engineering  
and the Paul Merage School of Business*

<http://engineering.uci.edu/msengmgmt>



The MSEM program integrates the extensive resources and networks of the Samueli School of Engineering and the Merage School of Business – two of Southern California's premier educational institutions. Working together, these schools provide the cutting-edge engineering skills and proven, real world business practices that engineers need for leadership roles in technology, science, government, and engineering-based companies and organizations. Empowered with a dynamic skill set, you will be able to lead cross-functional teams and successfully bring innovative projects to market.

## DEGREES OFFERED

M.S.

## SPECIALIZATIONS

- Biomedical Engineering
- Chemical and Biomolecular Engineering
- Civil and Environmental Engineering
- Electrical and Computer Engineering
- Materials Science and Engineering
- Mechanical and Aerospace Engineering

## ADMISSIONS

Applicants must hold a B.S. degree in engineering or an allied field as well as meet all other prerequisite requirements at the time of matriculation into the program.

Those seeking admission without the prerequisite scholarship record should undertake remedial work prior to application.

Applicants will be evaluated on their prior academic record and their potential for management and leadership as demonstrated in submitted application materials.

## PROGRAM STRUCTURE

The MSEM program requires a minimum of 17 courses beyond the bachelor's degree. Students complete a two-week orientation and an intensive course in September preceding the Fall Quarter, which presents fundamental concepts of management to initiate students into the concrete challenges that managers in high-performing organizations typically confront.

Courses in engineering are offered through the Samueli School of Engineering and courses in business from the Merage School of Business.

## BENEFITS

- Gain cutting-edge engineering skills and experience-proven, real-world business practices
- Lead cross-functional teams and successfully bring innovative projects to market
- Experience an intensive four-day management and leadership course
- Work with a team and consult with local companies to solve a real management problem
- Obtain career planning information and practical skills for long-term career success

## CAREER CONCEPTS COURSE

MBA 211: Pro Seminar is a course that provides students with information and practical skills for success in the career planning and job search process.

Workshop topics include:

- Job Search Strategies
- Resume Writing
- Networking
- Interviewing
- Negotiating