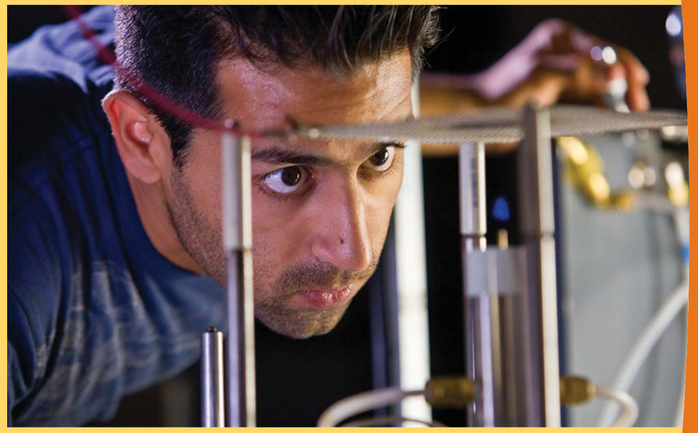
UC Irvine's **MSEM program** offers the following benefits:

- 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 with MBA students
- Work with a team and consult with a biotechnology company to solve a real management problem
- Obtain career planning information and practical skills for long-term career success



"UC Irvine's MSEM program is an excellent blend of the best of the engineering and business curriculums to help develop top-quality engineering managers. Our managers rise from the engineering population and would benefit from this kind of program. Since we support graduate degree programs for our employees in both engineering and business administration, this program is of high value to Northrop Grumman."

Dwight C. Streit, PhD, Vice President, Electronics and Sensors, Northrop Grumman Aerospace Systems

Master of Science in Engineering Management

Life in the O.C.

The Land of Beaches, Business and Big Ideas

Irvine is strategically located in the heart of Orange County, the second largest county in the state. It's also at the center of Southern California's Tech Coast, with Irvine being the primary breeding ground for on-the-rise businesses and industries – mainly biotech, medical, fashion, real estate, finance and auto design. Innovative companies, such as Allergan, Abbott Medical Optics, Boeing, Kingston Technologies, IBM, Sage, Toyota, and Verizon Wireless, are all just minutes away from UC Irvine.

The University of California, Irvine

Founded in 1965, the University of California, Irvine combines the strengths of a major research university with the bounty of an incomparable Southern California location. UC Irvine's unyielding commitment to rigorous academics, cutting-edge research, and leadership development makes the campus a driving force for innovation and discovery that serves our local, national, and global communities in many ways.

The Paul Merage School of Business at UC Irvine consistently ranks among the top 10% of business schools in the world. Our pioneering curriculum and dynamic network attract business leaders, the best and brightest students, and the global companies that recruit them. Our reputation includes accolades from *BusinessWeek*, *U.S. News & World Report*, and the *Financial Times*.

The Henry Samueli School of Engineering at UC Irvine is becoming a powerhouse for innovative engineering education and the development of tomorrow's advanced technologies. Working in partnership with state and federal agencies and industry, the School promotes the transfer of research to applications that benefit society. The School's faculty members are leaders in their disciplines and have achieved world wide honors and recognition for their pioneering research and dedicated teaching. The School, and many of its engineering disciplines, are ranked among the top 50 in the nation in *U.S. News & World Report's* graduate program annual rankings.

Learn more at **engineering.uci.edu/msengmgmt**

UC Irvine

The Paul Merage School of Business
The Henry Samueli School of Engineering

Master of Science in Engineering Management
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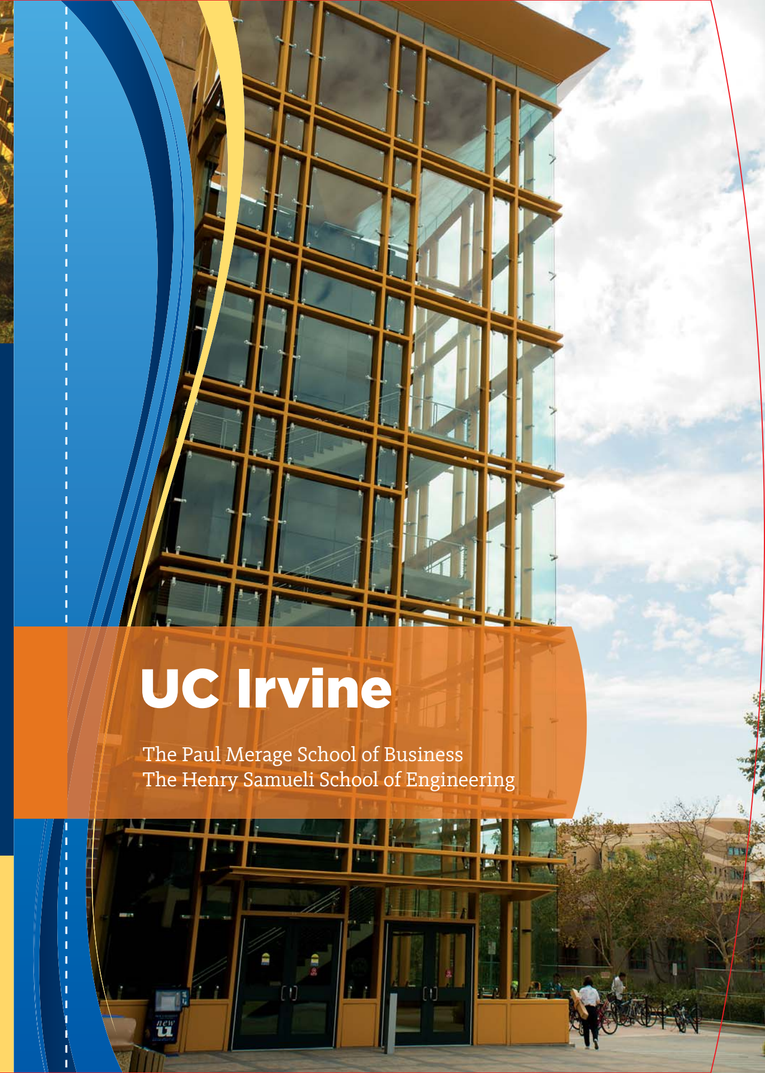
gradengr@uci.edu



UC Irvine

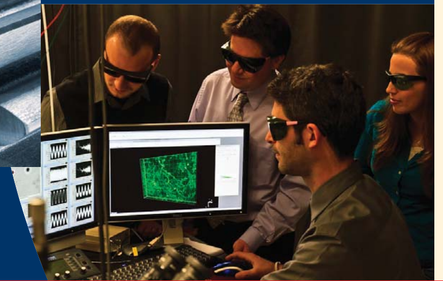
The Paul Merage School of Business
The Henry Samueli School of Engineering

Engineers know.

One degree can change everything.

Are you succeeding in engineering, but want to take your career to the next level? The Master of Science in Engineering Management (MSEM) from UC Irvine is a full-time, one-year program, and may just be the degree that can change the course of your future.

The highly focused MSEM program integrates the extensive resources and networks of The Paul Merage School of Business and The Henry Samueli School of Engineering – 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.



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 Henry Samueli School of Engineering and courses in business from The Paul Merage School of Business.

Students will emerge as innovators by taking on the role of business and engineering project managers tasked with solving complex engineering product development challenges through consulting projects, business plans, and exposure to current issues within the engineering sector. Through this process, quantitative and qualitative skills along with business communication skills will be developed.

Coursework

Due to the interdisciplinary nature of this degree, it is important to establish a common foundation in Engineering Management for students from various backgrounds. This foundation is sufficiently covered in the following courses:

- **MBA200:** Business & Management in the 21st Century
- **MBA211:** MBA Proseminar
- **MBA298:** Experiential Learning or **MBA290:** Launching Technology Ventures
- **ENGR280:** Entrepreneurship for Scientists and Engineers
- **Engineering Departmental Seminar:** based on Specialization (i.e., BME298, CEE295, CBEMS298, EECS294, or MAE298)

In addition to the core courses, at least 5 additional courses from The Paul Merage School of Business are required along with 5 additional courses from The Henry Samueli School of Engineering.

Three MBA core courses from the following:

- Statistics for Management
- Organizational Behavior for Management
- Financial Reporting for Management
- Microeconomics for Management
- Marketing Management
- Information Technology for Management
- Operations Management
- Managerial Finance
- Strategic Management

Three engineering courses are required from a chosen primary specialization in Engineering:

- Biomedical Engineering
- Chemical & Biochemical Engineering
- Civil Engineering
- Electrical and Computer Engineering
- Materials Science & Engineering
- Mechanical and Aerospace Engineering

Four elective courses are also required – two from the business school and two from the engineering school.

Admissions Requirements

Applicants may apply online and must hold a BS 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 may, in some cases, undertake remedial work. Those admitted from an allied field may be required to take supplementary upper-division courses in basic engineering subjects.

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

- Application
- Official transcripts from all institutions attended to obtain degree(s) (with English translation if needed)
- Official Graduate Record Examination (GRE) score report – scores valid for five years
- Resume
- Three letters of recommendation
- Statement of purpose
- Application fee
- Official TOEFL or IELTS – international applicants
- A video interview (by invitation only)
- A personal interview (by invitation only)

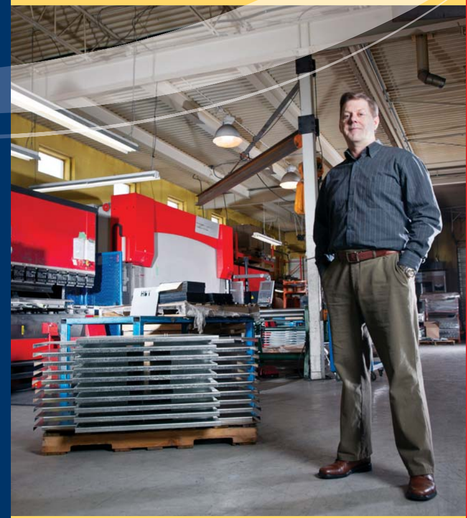
Deadlines and additional application information are available at engineering.uci.edu/msengmgmt.

Note: If you are an international applicant, we encourage you to apply early to allow sufficient time to obtain your student visa.

Career Concepts Course

This course 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



Learn more at

engineering.uci.edu/msengmgmt