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

Life in the O.C.

The University of California, Irvine

Irvine is strategically located in the heart of Orange County, the second largest county in the state. It is also at the center of Southern California’s Tech Coast, with Silicon Valley only an hour away, providing the primary breeding ground for on-the-rise businesses and innovations in biotech, medical device, real estate, finance and auto design. Innovative companies, such as Boeing, McAfee, Intel, Microsemi, Oracle, Parametrix, Qualcomm, Technicorp, BMW, Sagi, Toyota, and Verizon-Wireless, are all just minutes away from UC Irvine.

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 highly motivated faculty members in their disciplines 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.
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 and engineering-based companies and organizations. Empowered with cutting-edge engineering skills and proven, real world business practices from UC Irvine is a full-time, one-year program, and may just be the next level? The Master of Science in Engineering Management (MSEM) is developed.

**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 leverage 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:

- MBA205: Responding to Dynamic Times
- MBA217: MBA Project Seminar
- MBA278: Merage Consulting Projects or MBA279: Consulting Projects for Entrepreneurial Companies
- ENGR280: Engineering Seminar: Student Directed Specialization (i.e., BMI279, CEEMA275, CHM275, ECE275, or MAE279)

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
- Managerial Finance
- Strategic Management

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

- Biomedical Engineering
- Chemical & Biomedical Engineering
- Civil Engineering
- Electrical & Computer Engineering
- Materials Science & Engineering
- Mechanical & 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 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 without admissions will not be granted admission without the prerequisite scholarship record or, in some cases, demonstrate significant work experience. Those admitted from an allied field may be required to take supplementary offerings.

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

- Application
- Application Fee
- Statement Of Purpose
- Personal History Statement
- Official TOEFL or IELTS Score Report
- Official GRE Score Report
- Personal Statement
- Statement Of Purpose
- Application Fee
- Statement Of Purpose
- Official TOEFL or IELTS Score Report (International Applicants Only)
- Please note that an 80 or higher is required on the TOEFL iBT or an overall minimum score of 7.0 for admission, with a score of no less than 6.0 on any individual module as required by the IELTS.

Applicants Only) - Please note that an 80 or higher is required on the TOEFL iBT or an overall minimum score of 7.0 for admission, with a score of no less than 6.0 on any individual module as required by the IELTS.

- Transcripts (Bachelors, Masters, if applicable) - Please note that a 3.0 GPA (out of 4.0) or a minimum grade of B is required for admission.
- Letters of Recommendation
- Selection of an Engineering specialization
- Letter of Recommendation
- Selection of an Engineering specialization

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

**Career Concepts Course**

MBA 271: This Seminar is a course that prepares 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