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 Laboratories, Edwards Lifesciences, Genentech, Quest Diagnostics and Vasix, 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.

U.S. News & World Report ranks UC Irvine’s School of Biological Sciences among the nation’s top 50 programs, and the National Research Council consistently ranks our program in Molecular Biology and Biochemistry in the top 15% of biochemistry/biophysics programs nationwide. The School’s highly ranked faculty participates in diverse areas of translational research, ranging from health-oriented issues such as interorganogenesis, critical homeostatic pathways and effector mechanisms in disease, to environmental and agricultural development.

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. 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’s many engineering disciplines are ranked among the top 10 in the nation. UC Irvine’s School of Engineering consistently ranks in the top 10% of all U.S. News & World Report’s graduate program annual rankings.

**Distinctive benefits of the MSBTM program:**

- Be a part of a unique program – there are no programs like it in California or nationwide
- Receive exposure to case analysis, group problem solving, and effective skill and strategy development associated with managerial action
- Conduct research with a faculty member in either the School of Biological Sciences or the Department of Biomedical Engineering
- Experience an intensive week-long, off-campus management and leadership course with MBAs and students
- Work with a team and consult with a biotechnology company to solve real management problems
- Obtain career planning information and practical skills for long-term career success

**Learn more at** [merage.uci.edu/go/msbtm](http://merage.uci.edu/go/msbtm)
Is Business Management in Your DNA?

More than 300 biotech companies in the Southern California region are looking for individuals capable of bridging the gap between business and biotechnology. The Master of Science in Biotechnology Management (MSBTM) is a joint-graduate degree designed to prepare scientists and biotechnology professionals for business leadership roles in biotechnology, science, and engineering-based companies. The program is comprised of courses from three premier schools at UC Irvine: the School of Biological Sciences, The Paul Merage School of Business, and The Henry Samueli School of Engineering.

Through this two-year graduate program, you will receive advanced training in biotechnology through coursework, a teaching laboratory, and two quarters of independent research. Students will engage in independent research with a faculty member of their choosing (School of Biological Sciences or biomedical engineering) and will perform research in labs outside of Biological Science or Biomedical Engineering. Also, students will be prepared to identify opportunities.

Coursework

MSBTM students are required to complete a total of 7 biotechnology courses (36 units) including:

- 2 core biological science courses (MB204 and MB203)
- 2 additional graduate-level elective courses in biological sciences or biomedical engineering
- 1 teaching laboratory course focusing on essential methods in biotechnology
- 2 quarters of research (2 units in winter quarter of year one and 2 units in spring quarter of year two) whereby students will engage in independent research with a faculty member of their choosing (School of Biological Sciences, Biomedical Engineering), and perform research in labs outside of Biological Science or Biomedical Engineering. The curriculum will be designed to integrate the MSBTM program’s two-year curriculum and provide a format for the required comprehensive exam. The curriculum will address a minimum of 17 courses (77 units) within the emphasis of every quarter and two units in spring quarter of year two) whereby students will engage in independent research with a faculty member of their choosing (School of Biological Sciences or biomedical engineering). Also, students will be prepared to identify opportunities.

Program Structure

The MSBTM program requires students to complete a total of 7 biotechnology courses (36 units) including:

- 2 core biological science courses (MB204 and MB203) and at least 6 courses from the following:

  - MBA293: Business Law
  - MBA285: Financial Accounting for Management
  - MBA286: Marketing Management
  - MBA291: Managerial Finance
  - MBA216: Business Law (3 units)
  - MBA219: Supply Chain Management
  - MBA221: Project Management
  - MBA272: Business Law
  - 1 additional elective course of the student’s choosing.

Admissions Requirements

Applicants may apply online and must hold a BA or BS degree from an accredited institution 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, be accepted on a conditional basis. Those admitted from an allied field may be required to take supplementary upper-division courses in basic biological sciences subjects. Career management resources are also available to help you obtain an internship, post-graduate job, and career planning skills. Upon completion, you will be prepared for well-paying jobs in biotechnology, pharmaceutical, and biomedical device companies and organizations.

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