Online Master of Science in Engineering

This program is designed to enable engineers to advance their professional education and enhance their value to their employers. Delivered over the Internet with state-of-the-art technology, it gives engineers the opportunity to learn a specialization in depth and to renew and update their knowledge of technological advances.

Specialization in Bioengineering

This specialization emphasizes principles and application of bioengineering based on a solid fundamental foundation in biological science and engineering. It equips students with diverse communications skills and training in bioengineering research so that they can become leaders in their respective fields. The result is a rigorous, but exceptionally interactive and welcoming educational training for bioengineering graduate students.

Courses Required

- ENGR 200: Engineering in the Global Environment
- ENGR 201: Technology Innovation and Strategy for Engineers
- ENGR 202: Introduction to Systems Engineering
- ENGR 203: Principles of Engineering Management
- BIEN 223: Engineering Analysis of Physiological Systems
- BIEN 224: Cellular and Molecular Engineering
- BIEN 249: Integration of Computational and Experimental Biology
- BIEN 264: Dynamics of Biological Systems
- ENGR 296A: Design Project (includes a literature review and a report)

Benefits of the MSOL program

- Study when and where it’s convenient for you
- Delivered completely online
- Exams given at convenient regional locations
- Degrees in fields with high demand in industry and academia

About the Bourns College of Engineering

U.S. News & World Report ranks BCOE in the top two among public colleges of engineering of similar size. With nearly 3,000 students in its highly ranked B.S., M.S., and Ph.D. programs, BCOE students are the most sought-after and highly paid graduates at UC Riverside.

Additional Specializations

The MSOL program also offers specializations in Materials at the Nanoscale and Environmental Engineering Systems (Water).

For more information or to apply:

- E-mail: msol@engr.ucr.edu
- Tel: (951) 827-5196
- Website: www.msol.ucr.edu