Engineer the Future.

Influence the way we communicate (Computer Science). Build customized health care devices (Bioengineering). Or reduce pollutants in the air, water and soil (Chemical Engineering). BCOE’s nine majors — taught by world-renowned faculty — will help you to engineer the future!

View all majors: admissions.ucr.edu/academics

Earning Potential with a BCOE Bachelor’s Degree

<table>
<thead>
<tr>
<th>Major</th>
<th>Early Career Pay</th>
<th>Mid-Career Pay</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemical Engineering</td>
<td>$71,800</td>
<td>$126,900</td>
</tr>
<tr>
<td>Computer Engineering</td>
<td>$72,600</td>
<td>$120,000</td>
</tr>
<tr>
<td>Electrical Engineering</td>
<td>$69,900</td>
<td>$118,100</td>
</tr>
<tr>
<td>Computer Science</td>
<td>$68,800</td>
<td>$113,900</td>
</tr>
<tr>
<td>Biomedical Engineering</td>
<td>$66,000</td>
<td>$110,300</td>
</tr>
<tr>
<td>Mechanical Engineering</td>
<td>$65,800</td>
<td>$108,700</td>
</tr>
</tbody>
</table>

Based on national averages. Higher earning potential with advanced degrees. (PayScale, 2017–2018 College Salary Report)

Innovative Research

Get the Competitive Edge with Undergraduate Research

UCR offers research opportunities to all undergraduate students! This advantage catapults you to the “top of the list” for jobs and/or graduate school. Current BCOE research includes:

- Squeezing nearly 100 percent of the water from salt solutions to prevent water shortages
- Creating a ceramic cranial implant for on-demand ultrasound treatments
- Examining fires and their impact on human health — thanks to two grants nearing $1 million from the National Oceanic and Atmospheric Administration (NOAA)!

High-Profile Companies Hire BCOE Graduates

BCOE graduates go on to become software engineers, spacecraft propulsion engineers, entrepreneurs and more.

Google  Boeing  Lockheed Martin  AMGEN  Applied Materials  Panasonic

The 2019 U.S. News & World Report graduate school rankings moved UCR’s Marlan and Rosemary Bourns College of Engineering (BCOE) to No. 61.

82nd in undergraduate engineering programs. (U.S. News & World Report, 2018 survey)

BCOE’s graduate program has grown nearly 20 percent during the last two years. (U.S. News & World Report, 2019)
28th
in the United States based on social mobility, research and service.
(Washington Monthly 2018 College Guide and Rankings)

Value
One of America’s Best Value Colleges.
(Forbes, 2018)

35th
best public school in the United States.
(U.S. News & World Report 2019 Best College Rankings)

BCOE Faculty
You Have Big Dreams. We’ll Help Them Come True!

KELLEY BARSANTI
Assistant Professor of Chemical and Environmental Engineering
• Develops mechanistic models for the prediction of atmospheric particular matter
• NSF CAREER Award Winner, 2017
• Received $1 million in research grants to study impact of wildfires on air quality

SUVEEN NIGEL MATHAUDHU
Associate Professor of Mechanical Engineering and Materials Science and Engineering
Faculty Graduate Advisor for Mechanical Engineering
• Expert on the science of superheroes in comic books and movies
• Moderator for Awesome-Con 2017, Washington, D.C.’s comic con
• National Science Foundation (NSF) CAREER Award Winner, 2016

Success Programs
Every program is designed to help you succeed — from the moment you first step on campus to the day you graduate.

Engineering First Year Learning Community (EFLC)
Be a part of a ready-made support network! Take classes with other BCOE students and engage in focused study groups. Includes guaranteed seating in courses, peer mentoring and invitations to BCOE-only social events. EFLC students earn higher grades, finish their programs faster and get the best jobs! student.engr.ucr.edu/success/eflc/.html

BCOE Scholarships
One application submission covers all eligible scholarships. The application filing period is March 1–31. Notifications sent by April 30. student.engr.ucr.edu/scholarships.html

Additional Scholarships
Fund your education with prestigious scholarships, such as the Donald A. Strauss Scholarship. Support is offered throughout the application process. ssp.ucr.edu/scholarships
UCR, regional and national scholarships are also available. scholarshiplist.ucr.edu

First-Year Mentor Program
Register and be paired with a trained peer mentor. Get help navigating student life and accessing campus resources. studentlife.ucr.edu/secret-your-first-year

Academic Resource Center (ARC)
Maximize student success with peer/staff mentoring, tutoring and graduate school preparation. Improves leadership, time management, public speaking and study skills. arc.ucr.edu

Undergraduate Research
Putting Research in Your Hands
Take part in hands-on research with faculty. Develop real-world technical skills. Gain the experience needed to jump-start your career in engineering. student.engr.ucr.edu/lead/ugresearch.html

“People at UCR are nice, especially the professors. If you have questions, they are very attentive and will answer quickly. My advisor is really patient. He helped me get into Summer Sessions, which gave me a head start on my classes.

Xingyu Chen
Chemical Engineering
Zhejiang Province of China

50% of BCOE’s students participate in undergraduate research.

Engineering Transfer Center
Meet with peer mentors, receive guidance on undergraduate research opportunities, learn about course offerings, take advantage of academic success workshops, connect with BCOE study groups and more.
transfer.engr.ucr.edu

Transfer Transition Program (TTP)
Take part in this exclusive yearlong program, which is housed in the Engineering Transfer Center. Includes academic success workshops, networking, faculty/peer mentoring, academic advising and connections to BCOE study groups, clubs and professional organizations. transfer.engr.ucr.edu

BCOE Student Organizations
Enhance your college experience with BCOE’s professional student organizations. Enjoy social activities, competitions, industry field trips and regional/national conferences. Includes a leadership council, honor society, professional fraternity and more:
• Biomedical Engineering Society (BMES)
• Engineers Without Borders
• Institute of Electrical and Electronics Engineers (IEEE)
• National Society of Black Engineers (NSBE)
• Society for Advancement of Chicanos and Native Americans in Science (SACNAS)
• Society of Automotive Engineers (SAE)
• Society of Hispanic Professional Engineers (SHPE)
• Society of Women Engineers (SWE)
View a full list of student organizations: highlanderlink.ucr.edu/organizations

50% of BCOE’s students participate in undergraduate research.
Student Spotlight

JAYME DRYDEN ’03 (Environmental Engineering)
Senior Environmental Engineer, IGP Trainer of Record/QISP, Ashworth Leininger Group
“The engineering professors are amazing, the lab resources are excellent and the student body is a diverse mix of minds and experiences. UCR takes education seriously but provides plenty of opportunities to have some fun along the way.”

RAVI KURANI ’09 (Mechanical Engineering)
• Co-Founder of Sutro
• Listed among the Forbes 30 Under 30 as one of 2017’s brightest young entrepreneurs and innovators

“I am starting an internship as an undergraduate student research assistant for emissions and fuels research. I absolutely enjoy every day that I walk into that lab, getting to work with cars and gaining hands-on engineering experience.

Michelle Le
Junior, Mechanical Engineering

BCOE Alumni
Join Us in Making Global Impacts

BEST STUDENT PROFESSIONAL ORGANIZATION
For the second consecutive year, the Society of Women Engineers (SWE) earned UCR’s Student Organization of the Year. Winners represent the highest level of achievement, campus and community engagement, and membership retention and development.

FIRST PLACE WIN AT LEADERSHIP CONFERENCE
Bioengineering student Jessica Leon (pictured third from the left) was awarded first place at The National Institute for Leadership Advancement Conference (NILA), held by the Society for Hispanic Professional Engineers, for her team’s ideas to empower more Latinas in STEM (Science, Technology, Engineering and Mathematics).

ENGINEERING STUDENT NAMED GOLDWATER SCHOLAR
Nicolas Pham, a double major in Chemical Engineering and Physics, earned the Barry M. Goldwater Scholarship. This scholarship is one of the most prestigious and competitive undergraduate STEM awards.

GAIN EXPERIENCE. EARN CREDIT. GET PAID.
BCOE offers department-specific internships to put your learning into practice. Earn course/service credit and maybe even a paycheck!

I am starting an internship as an undergraduate student research assistant for emissions and fuels research. I absolutely enjoy every day that I walk into that lab, getting to work with cars and gaining hands-on engineering experience.

Michelle Le
Junior, Mechanical Engineering

Career Center
Get Help with Career Success

UCR’s Career Center — and Virtual Career Center — offers full-service counseling and resources, regardless of major or class level. Includes:
• Career and graduate/professional school planning
• Job/internship search strategies and database
• Skill-building workshops, employer information sessions and panel discussions
• 11 fairs, including the STEM Job Fair and the Engineering and Technology Job Fair

Learn more: careers.ucr.edu

On-Campus Housing for BCOE Students
Make new friends and get academic support in Enginuity, BCOE’s Living-Learning Community. Freshman students benefit from peer mentoring, academic/social resources and proximity to BCOE (about 500 feet or 152 meters away).

Learn more: go.ucr.edu/housing
You can afford a UC degree, regardless of income and without going into debt.

**Next Steps**

Get ready to take your place in the UCR family. And when you need help, we’ll be here — every step of the way!

**Help to Apply**

Undergraduate Admissions

admissions.ucr.edu | admissions@ucr.edu
(951) 827-3411

Our admissions counselors will answer questions and help you to apply!

**Help Once Admitted**

Professional Advising for BCOE Students

student.engr.ucr.edu/people
bcoeadvising@engr.ucr.edu

Academic and faculty advisors will help you to declare a major, prepare for graduate/professional school and find independent study/research/internship opportunities.

**Important Dates & Deadlines**

**Fall Admission:** Freshman and Transfer Students

Aug. 1 Access the UC application. universityofcalifornia.edu/apply
Nov. 1–30 Application filing period opens. universityofcalifornia.edu/apply
March Fall admission notifications begin. my.ucr.edu
May 1 Freshman Students: Deadline to submit your Statement of Intent to Register (SIR).
June 1 Transfer Students: Deadline to submit your Statement of Intent to Register (SIR).

**Winter Admission:** Transfer Students

July 1–31 Access and submit the UC application. universityofcalifornia.edu/apply
Sept. Winter admission notifications begin. my.ucr.edu
Oct. 15 Deadline to submit your Statement of Intent to Register (SIR).

**Undergraduate Admissions Open Houses**

Come tour our beautiful campus, meet with faculty and students, learn about financial aid and so much more. Family members — and questions — are always welcome!

**Take a Tour**

Schedule a student-guided walking tour, or get a virtual 360-degree view of labs, studios and popular hangouts. visit.ucr.edu

**UCR ON YouTube**

Catch highlights and see what campus life is like from a student’s point of view. youtube.com/lifeatucr

**Follow Us On Instagram**

Check out campus highlights, student spotlights and our favorite things to do in Riverside. instagram.com/lifeatucr

This information is accurate and reliable at time of posting, but may change without notice. Please contact Undergraduate Admissions for the most up-to-date information. (11/18)

As part of UCR Riverside’s federal reporting requirements under the Clery Act, you can access our Annual Security and Fire Safety Report at go.ucr.edu/CleryAct. A full list of Consumer and Safety Information Disclosures is also available at go.ucr.edu/ConsumerSafety.

[Financial Aid Office, 2017-18]

91% of UCR undergraduate students received some form of financial aid.

89% of UCR transfer students received some form of financial aid.

73% of those who received financial aid have their full fees covered by grants and/or scholarships.

Let us show you how: financialaid.ucr.edu