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)!

Innovative Research

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)

High-Profile Companies Hire BCOE Graduates

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

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


BCOE’s graduate program has grown nearly 20 percent during the last two years. (U.S. News & World Report, 2019)
You Have Big Dreams. We'll Help Them Come True!

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

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

Success Programs

Engineering First Year Learning Community (EFLC) FR
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 FR TR
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 FR TR
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 FR TR
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) FR TR
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

Value

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

35th

BCOE Faculty

FR Freshman Students TR Transfer Students

35th

Putting Research in Your Hands

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Xingyu Chen
Chemical Engineering
Zhejiang Province of China
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.

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.

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

(Financial Aid Office, 2017-18)

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!

For prospective and admitted students. Held throughout the academic year. discover.ucr.edu
For prospective transfer students. Held every October. go.ucr.edu/transferday
For admitted and prospective students. Held every spring. highlanderday.ucr.edu

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