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 as a computer scientist. Build customized health care devices as a bioengineer. Reduce pollutants in the air, water and soil as a chemical engineer. And so much more. **BCOE’s nine majors** — taught by world-renowned faculty — will help you to engineer the future!

View all majors: admissions.ucr.edu/majors

High-Profile Companies Hire BCOE Graduates

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

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>
<tr>
<td>Bioengineering</td>
<td>$65,400</td>
<td>$107,000</td>
</tr>
<tr>
<td>Materials Science &amp; Engineering</td>
<td>$67,900</td>
<td>$106,300</td>
</tr>
</tbody>
</table>

Based on national averages. Higher earning potential with advanced degrees.

(Payscale.com, College Salary Report, 2019)

Best Global University for engineering in the United States.

(U.S. News & World Report, 2020)

Top computer science institution in the world — and 5th in the United States — for high-performance computing*.

(CSRankings.org, 2019) *Based on 10 years of data.

Best School for Engineering Majors by Salary Potential in the United States.

(Payscale College Salary Report, 2019)
We’ll Help Your Dreams Come True

KELLEY BARSANTI
Associate 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
Chair of Materials Science and Engineering
- Expert on the science of superheroes in comic books and movies
- Recipient of the Presidential Early Career Award for Scientists and Engineers (PECASE), 2019
- Moderator for Awesome-Con 2017, Washington, D.C.’s comic con

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

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/engineering-learning-communities

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

Prestigious Scholarships and Awards FR TR
Fund your education with prestigious scholarships, such as the Donald A. Strauss Scholarship. Support is offered throughout the application process. se.ucr.edu/awards/overview
UCR, regional and national scholarships are also available. foundation.ucr.edu/scholarships

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

BCOE Student Organizations FR TR
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:
- Aerospace Systems
- American Institute of Chemical Engineers (AIChE)
- Association for Computing Machinery (ACM)
- Biomedical Engineering Society (BMES)
- Engineers Without Borders
- Institute of Electrical and Electronics Engineers (IEEE)
- National Society of Black Engineers (NSBE)
- Society of Automotive Engineers (SAE)
- Society of Hispanic Professional Engineers (SHPE)
- Society of Women Engineers (SWE)

Full list of student organizations: highlanderlink.ucr.edu

Transfer Transition Program (TTP) TR
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/support/TTP

Engineering Transfer Center TR
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.

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/student-success/research

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

“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)
From the Zhejiang Province of China

1st
America’s fastest-rising ranked university.
(U.S. News & World Report, 2019)

Value
One of America’s Best Value Colleges.
(Forbes, 2019)

12th
in public universities that provide students the highest average salaries for their tuition dollars.
(CNBC Make It, 2019)
**Student Spotlight**

**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.

---

**BCOE Alumni**
Join Us in Making Global Impacts

**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

---

**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
- 15 fairs and special events, 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 Engunity, 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

---

**UCR**

- Riverside is the 14th safest metro city in America. (safewise.com, 2018)
Get ready to take your place in the UCR family. We’ll be here to help every step of the way!

Next Steps
Get ready to take your place in the UCR family. We’ll be here to help 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.

Undergraduate Admissions Events
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!

Fall Preview Day for prospective freshman and transfer students.
discover.ucr.edu
Two open houses for admitted and prospective students: one for freshmen and one for transfers. Both held in the spring: highlanderday.ucr.edu

Important Dates & Deadlines
Fall Admission: Freshman and Transfer Students
Aug. 1 Access the UC application. apply.universityofcalifornia.edu
Nov. 1–30 Application filing period opens. apply.universityofcalifornia.edu
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. apply.universityofcalifornia.edu
Sept. Winter admission notifications begin. my.ucr.edu
Oct. 15 Deadline to submit your Statement of Intent to Register (SIR).

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

RIVERSIDE, CALIFORNIA
Explore the welcoming and multicultural city of Riverside, located in the heart of Southern California. admissions.ucr.edu/Riverside

FOLLOW US ON Instagram
Discover campus highlights, student spotlights and our favorite things to do in Riverside. instagram.com/lifeatucr

A UC Degree Is More Affordable Than You Might Think
92% of UCR undergraduates receive some form of financial aid.
72% of UCR transfer students receive some form of financial aid.
76% of students’ financial aid need was met with need-based aid.

Learn more: financialaid.ucr.edu

(Financial Aid Office, 2018-19)