Engineer Your Future with the Graduate Preparation Program in Engineering (GPP-E) 3 + 1 + X Program
The University of California, Riverside is one of 10 world-class public research universities within the prestigious University of California system.

**A Leader In...**

**Innovation**
- A member of the 11-campus University Innovation Alliance

**Diversity**
- Top Performing Institution for Black Students (*The Education Trust*)
- Designated Hispanic Serving Institution (HSI)

**Research & Service**
- Ranked No. 13 among public national universities (*Washington Monthly*)

**Affordability**
- Ranked No. 15 among public colleges for best college for your money (*Money*)
City of Riverside offers more than sunshine.

Known as the “City of Arts and Innovation”, Riverside is a bustling hub of activity and is the home of one of the fastest-growing metropolitan areas in the United States. With its beautiful, historic downtown – anchored by the world famous Mission Inn Hotel – it is a multi-cultural hub of arts, engineering and culture.

At UC Riverside, students are a short drive from:

- Miles of sandy beaches and coastline
- World-famous amusement parks
- Sports arenas featuring championship teams
- Premier shopping malls and luxury outlet stores
- Recreation areas in Palm Springs
- Mountain resorts at Big Bear and Lake Arrowhead
Innovation Is What We Do: The Marlan and Rosemary Bourns College of Engineering

About The College

5 departments + 2 Interdisciplinary degree-granting programs

125 faculty members

9 Research Centers

50+ international collaborations

Curricula with technical depth and diversity

World-class research faculty with a commitment to teaching

Small class sizes, creating a personalized learning environment

Focus on leadership skills

Preparation for the next career step

International-friendly community

Top ranked engineering college by:

BEST COLLEGES
US News
RANKINGS

The Princeton Review

CWTS
Leiden Ranking

The National Academies of SCIENCES
ENGINEERING
MEDICINE

TIME

CSRankings.org
Advanced Facilities

300,000 SQUARE FEET of laboratories and classrooms

BATTERY-POWERED Buildings

EPA ENERGY
Star-Certified Building

WORLD’S LARGEST INDOOR Atmospheric Chamber

$10 MILLION
Nanofabrication Cleanroom

MULTIDISCIPLINARY
Research Building

LEED CERTIFICATION
of Bourns Hall B-Wing

PHOTOVOLTAIC ROOF
panel installation
Introducing the Graduate Preparation Program in Engineering

The Graduate Preparation Program in Engineering (GPP-E) is a uniquely tailored program aimed at providing Chinese students an immersive experience at a top ranked U.S. research university. The program allows students who have completed their third year of study to complete their fourth and final year at UC Riverside’s Marlan and Rosemary Bourns College of Engineering (3+1) with an available extension upon admittance to obtain a master’s or doctorate degree.

Program Highlights

- Reduced tuition compared to regularly enrolled international students
- Support from a faculty advisor and staff advisor
- Guaranteed seats in all engineering classes
- Guaranteed seats in Senior Design Project
- Available in all nine majors
- Earn an Advanced Certificate in Engineering
- Eligible for OPT (work after graduation for up to 29 months)
- Conduct research with top engineering faculty, potential recommendation letter for graduate school
- Experience U.S. culture and education
Of GPP-E students entered top 100 graduate schools: 93%

Who entered graduate school stayed at UCR to study (M.S., M.S. plus research, or Ph.D.): 53%

**Our Partners**

- University of California, Los Angeles
- Boston University
- Columbia University
- The University of Hong Kong
- Royal Institute of Technology
- Imperial College London
- University of Florida
- National University of Singapore
- Northwestern University
- New York University
- The Ohio State University
- University of California, San Diego
- Carnegie Mellon University
- University of Southern California
- University of California, Irvine

**24 Chinese Partner Universities**

- 200 students
- 5 years
GPP-E Program (3+1+X)

Prepares students for graduate school and helps identify top graduate student prospects

3 years of study at their home university

GPP-E Program

+ 6 Weeks intensive engineering English preparation course

One-Year senior class (36 units):
  → Senior Design
  → Engineering Coursework
  → Undergraduate Research
  → In-Lab Opportunities

+ X

OPTION 1: GPP-E + 1 + 1
  Master’s Degree with Comprehensive Examinations

OPTION 2: GPP-E + 1 + 2
  Master’s Degree with Thesis Defense

OPTION 3: GPP-E + 1 + 5
  Ph.D. degree
Choosing a Major

→ Bioengineering
→ Chemical Engineering
→ Environmental Engineering
→ Computer Science Engineering
→ Computer Science with Business Applications
→ Computer Engineering
→ Electrical Engineering
→ Materials Science and Engineering
→ Mechanical Engineering
During the final year of study, students work together in groups of four or five to complete a yearlong, faculty mentored senior design project, mimicking a real-world research setting. Students select the topic of their choice to conduct research and present their findings to a faculty panel, with highly ranked project teams going on to compete against senior design projects across the State of California.

**Teamwork**
- Select a topic to research
- Assign work based on student’s strength and help each other when needed
- Weekly team meetings
- Collaborated teamwork to complete the design

**Design Requirements**
- Faculty mentored
- Graded projects
- Final oral and poster presentation
- Written report

**Award-Winning Senior Design Projects**

**Team Mantis:** Aims to reduce automobile accidents with a sensor-clad steering wheel and dashboard that detects intoxicated, drowsy, distracted, and aggressive driving.

**Team NOx-Out:** Significantly reduces small engine emissions with the installation of a cylindrical stainless steel unit that attaches to the lawnmower’s muffler.

**Team Diaper Detective:** Transforms ordinary diapers into health monitoring systems that alert parents if their child is suffering from a bacterial infection or dehydration.
Transferring Skills to the Research Lab

GPP-E students have extensive opportunities to become embedded in faculty research efforts. By working side-by-side with our experienced faculty members and their graduate teams, GPP-E students get a sneak peek into the life of a graduate student at an American university. Top performing students who show a dedicated effort may also have an opportunity to receive a recommendation letter from their faculty advisors for use in their graduate application packets.

→ Faculty mentored in-lab research experience
→ Empowers students in hands-on learning
→ Provides effective career preparation & promotes interests in graduate education
→ Develops critical thinking, creativity, problem solving, self-confidence, and intellectual independence
→ Promotes an innovation-oriented culture
→ Collaborates with others and work effectively as part of a team
→ Applies concepts learned in coursework to “real life” situations
→ Publish on peer reviewed journal as undergraduate students
Guaranteed Enrollment at a Reduced Tuition Rate

Admitted students will be responsible for providing financial support that covers expenses and miscellaneous fees including such costs as the application fee, insurance, textbooks, and living expenditures. Through the tuition payment process, GPP-E students are guaranteed enrollment in their courses and usage of study and research resources that will not be affected by the general engineering student population.

<table>
<thead>
<tr>
<th>Program Description</th>
<th>Tuition Cost</th>
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<tbody>
<tr>
<td>International Student – One Year of Undergraduate Study</td>
<td>$39,516</td>
</tr>
<tr>
<td>GPP-E Student (3+1)</td>
<td>$27,500</td>
</tr>
<tr>
<td>GPP-E + 1 + 1 Master’s Degree with Comprehensive Examinations</td>
<td>$47,440</td>
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<tr>
<td>GPP-E + 1 + 2 Master’s Degree with Thesis Defense</td>
<td>$74,044</td>
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<tr>
<td>GPP-E + 1 + 5 (Ph.D.) with full fellowship</td>
<td>$27,500</td>
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<tr>
<th>Three Quarters</th>
<th>$39,516</th>
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<tbody>
<tr>
<td>GPP-E + Summer GRE English Prep Program</td>
<td>$27,500</td>
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<tr>
<td>Masters</td>
<td>$26,604*</td>
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<tr>
<td>8 Units FREE  = SAVINGS $6,664</td>
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<td>GPP-E + Summer GRE English Prep Program</td>
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<td>Masters + Year of Research</td>
<td>$53,208*</td>
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<td>Ph.D. Students are fully funded through fellowships and other means</td>
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*Refer to the registrar’s website at registrar.ucr.edu for the latest tuition and fees
The Place to Be!

While GPP-E students spend much of their time involved in their studies, they also have the opportunity to experience life at an American university. From food trucks on campus to academic student clubs and basketball games to the student recreation center, GPP-E students are immersed into UCR life. Twenty four of the campuses’ more than 400 professional student organizations are in engineering, offering students a way to connect and network with others who share industry or personal interests.

- Farmer’s markets
- ARTSBlock
- Eaton Science Fiction Center
- Botanic Gardens
- Movie screenings
- Concerts
- Classroom kitchen
- Outdoor pool
- And more!

UCR ranked among the Top 100 safest colleges in the nation (Alarms.org, 2017)

➔ UC Police Department. Housed on campus, the police station is on duty 24 hours a day

➔ Campus Safety Escort Service. With a simple phone call, students will be paired with an escort representative to walk them to their destination

➔ Point-2-Point Shuttle Service. The shuttle provides safe, secure transportation for students from campus to their off-campus homes

➔ Campus Emergency Notification System. This system provides students and staff with rapid, automated notifications direct to a mobile device

Check Out International Village!

A globally minded, all-inclusive community, International Village is a great place to live that offers both individual space and shared living rooms with visiting students from around the world. The setting is a unique opportunity to participate in specialized workshops and activities geared toward working and studying abroad!
Chang Liu: Mechanical Engineering at Harbin Institute of Technology  
Currently: Northwestern University, M.S.  
Northeastern University, Ph.D.

"Life at UCR brought me quite new and different experiences. The one year's study in advance to master degree prepares us for American education system and also the culture of the new country. You will find out the education system here needs the student to be very proactive. No one will push you to study or progress. It all depends on you. One advice from me would be getting touch with the professors, they will be great resource for your master application references."

Ququ Cao: Electrical Engineering at Huazhong University of Science and Technology  
Currently: University of California, Los Angeles, Ph.D.

"Located in California, UCR has a very nice weather and of course, a great location advantage for your job opportunity. The school has very advanced researching equipment and facilities. The professors have made great achievements in their areas and all are very easy to communicate with. All these lay a solid foundation for your master degree's application."

Hongxu Dong: Chemical Engineering at Tianjing University  
Currently: University of Virginia, Ph.D.

"I had experienced a new learning method since I came here. Team work is highly encouraged in class. Even though some American students do not obtain as much as knowledge reserve as Chinese student, they master a variety of other soft skills that we lack. They impress me by their overall qualities. The students and professors helped me a lot during the time I was applying for master degree. A couple days ago, I received the offer from University of Virginia, and I owe this opportunity to their help. Even though your English is not as good as you want, you shouldn’t feel embarrassed to talk. Take every chance you have, the language difficulty will not be a problem anymore one day. Study hard, and stay aggressive, you will harvest your dream from here."

Fuyue Lei: Materials Science & Engineering at Guangdong University of Technology  
Currently: University of Southern California, M.S.

"The lectures here are more organized and more systemized. The subjects of the researches are more advanced. You could also go to the labs and observe what the PhD students are doing and join them. The biggest advantage here is that it has so many resources. If you know what you want, many resources are available to facilitate your success. You will not feel lonely since you will meet many classmates from all different counties. It is an amazing life experience to make friends from all different countries. Plus, the campus is beautiful all the time and it has very nice weather."

Tianxiang Cheng: Electrical Engineering at Donghua University  
Currently: University of Pennsylvania, M.S.  
Amazon, Software Engineer

"The course load at American universities is heavier than China’s. More time and effort is needed if you want to succeed in your studying. One year’s studying in advance means a bigger chance to get admitted by a graduate program. You will know if you can adapt to the oversea life and study before you decide to apply for American graduate program. I am proud to say I gained a lot for my academic life and my personal development. At the end of Last December, I received the admission from University of Pennsylvania. During the past year, I have become a more independent and mature person."
Let’s Work Together
Opportunities for Collaboration

- Exchange of faculty members and research fellows
- Exchange of students
  - University Credit Program (UCP)
  - Graduate Preparation Program (GPP)
  - International visiting scholars
  - Graduate visiting students
  - Summer experience in engineering
- Exchange of academic materials
- Conduct joint research projects and organization of symposia
- Other activities contributing to the development of academic and educational exchange between the two universities