

engineering (and tech)

- **Physical sciences engineering**

- Chemical engineering

- **American Institute of Chemical Engineers (AIChE)**

- Professional affiliation consisting of Chemical and Environmental Engineers
 - Tour facilities, meet professionals in industry, advance academically and professionally through workshops
 - How often they meet?
 - Every 2 weeks
 - Instagram: @aicheucr
 - Discord: <https://discord.gg/fbqCt22Tqt>

- Bioengineering

- **Biomedical Engineering Society**

- Purpose: Bring bioengineering students together
 - Meets every 2 weeks
 - Insta: bmestaucr

- Environmental engineering

- **Environmental Science Club**

- Club conducts immersive field trips, allowing students to observe and analyze environmental science principles in action
 - Visit relevant sites, members get a first-hand experience of real-world challenges and solutions, deepening their understanding
 - Meets monthly
 - Insta: ensclub_ucr

- **Gardening Club**

- Raise awareness of local sustainable food systems and environmental justice, while empowering students to take collaborative action
 - Work with other students, local nonprofit organizations and community activists in growing a community of dedicated gardeners!
 - Insta: ucrgardening

- **Tech/engineering**

- Computer engineering/Technology Engineering

- **Association for Computing Machinery (ACM) at UCR**

- Technical organization with a focus on computer science
 - Knowledge growth, professional development, leadership
 - **Project-based programs**, technical workshops, hackathons, networking
 - ACM provides students the tools and all ACM at UCR links at acmucr.acrrd.co
 - Insta: acm_ucr

- Location: Winston Chung Hall, Room 127
 - Meets weekly!
- **Women in Computing at UCR (WINC)**
 - Focus on women and marginalized genders
 - Believe in equal access to opportunities to pursue a career in CS
 - Offering inclusiveness and mentorship from role models in university and industry research opportunities, scholarships
 - Increase retention rate of marginalized gen edgers pursuing computing and to provide safe safe for anyone interested in tech
 - Build a community of women programmers and provide a safe and empowering place for students
 - Insta: @wincucr
- Robotics
 - **Highlander Combat Robotics at UCR**
 - Love for robotics and STEM fields in a vibrant community of passionate engineers, innovators, technology enthusiasts
 - Immersive hands-on learning experiences, we strive to ignite curiosity, empower creativity, and inspire the next generation of leaders in STEM
 - Offer platform to express creativity while acquiring crucial engineering and leadership skills
 - Design, build, and program the robots in order to compete against teams around the world
 - Insta: combatroboticsucr
 - **VEX Robotics**
 - At Ursa Mechanica, we are more than just a team; we are a family united by our love for robotics
 - Believe in power of technology to transform lives and solve real-world problems
 - Mission: Innovate, inspire and make a difference
 - Follow our progress, cheer for us in competitions, and witness the magic of innovation unfold before your eyes
 - Insta: @ucr_vex.robotics
 - Meets seeking!
 - Fridays (6:00-7:00 pm)
- **Electrical engineering**
 - **Institute of Electrical and Electronics Engineers (IEEE)**
 - **Mission**
 - Provide engineers with technical, social, professional development in the engineering field
 - Aim to be leading engineering organizing on campus
 - Career enhancement, engineering social events, growth in their respective professions
 - **Projects**

- Micromouse
 - Autonomous robot built from scratch that can navigate through a 16 x 16 cell maze
 - Meetings and workshops are held once a week
 - Competition across Southern California
- RoboSub
 - IEEE large scale projects that consists of multidisciplinary teams composed of around 20 active members that work year-long to collaboratively create an autonomous submarine from scratch used to compete in the international RoboSub competition hosted annually by RoboNation in San Diego in the summer
- Unmanned Aerial Systems
 - Highly motivated group of students designing, constructing and programming an autonomous aerial vehicle to compete in the annual AUVSI-SUAS competition in Maryland
 - UCR-UAS, students have the unique opportunity to hone their engineering skills and develop a product from start to finish
- Solar Car
 - Multidisciplinary team comprised of highly motivated undergraduate students that aim to build a solar-powered vehicle
 - Mission is to promote a future of alternative energy and sustainable transportation projects at UCR
 - Southern California's growing technology ecosystem and raise community awareness of power of solar energy
- Come visit!
 - Clubroom, Solarium in **Winston Chung Hall**
 - Instagram: ieeeucl
- **Mechanical engineering**
 - **American Society of Mechanical Engineers at UCR (ASME)**
 - Well-rounded engineers at UCR that are experienced and read for real world
 - Robots (among other things) out of a love for engineering
 - Growing network of talented students/engineers
 - Professional development, outreach, volunteering events, workshops
 - Chance to meet experienced engineers and other students
 - How often do they meet?
 - Every 2 weeks
 - Instagram: @ucr.asme
- **Material science engineering**
- Engineering

- **Society of Women Engineers**
 - Professional engineering organization specializing in professional and academic development, increasing the female presence in BCOE, outreach opportunities by encouraging young students to pursue STEM fields
 - **Bourns Science and Engineering Day**
 - Over 2500 children, parents, and teachers registered to participate in all-day event with keynote speaker, tours of college, interactive STEM-related activities/experiments
 - **Evening with Industry**
 - Professional development event where company representatives and recruiters dine with students to share their experiences, provide industry insight, discuss possible job/internship opportunities
 - **Research Networking Night**
 - Academic development event where distinguished engineering professors and graduate students dine with students to discuss their research, open undergraduate research positions, and experiences
 - Instagram: @swe.ucr
 - How often they meet? Every 2 weeks
 - What day and time does the org meet? Mondays, 5-6 pm
- **National Society of Black Engineers**
 - Engineering is a mainstream word in homes and communities of color and all Black students can envision themselves as engineers
 - NSBE has grown from 6 to 17,000 members and its annual meeting has blossomed into the Annual convention, hosting >13,000 attendees
 - 500 active chapters in the US and abroad
 - **Mission is “to increase the number of culturally responsible Black Engineers who excel academically, succeed professionally and positively impact the community”**
 - **Objectives**
 - Stimulate and develop student interest in the various engineering disciplines
 - Strive to increase the number of minority students
 - Insta: @nsbe_ucr

Mathematics

- **Undeclared / Mathematics**
 - **Pacific Math Alliance**
 - Aim to give opportunities to students who have been long underrepresented in Mathematics, want that be help on the road to graduate education, aiding in transition to private sector or creating a safe, fun environment for learning
 - Insta: @pmaucr

- **STEMivate**
 - Website: <https://stemivateriverside.wixsite.com/stemivate>
 - Nonprofit organization founded by students to deliver university-grade STEM lessons to students throughout the Inland Empire
 - **Projects:**
 - Static Electricity
 - DNA & Cells
 - Waves, the Sun, and Radiation
- **Mathematics**
 - **Tomorrow's Teachers in Science and Math**
 - Brings together students that are considering and actively pursuing a career in teaching Mathematics and Science with the purpose of creating a place where future educators are able to form a community and build professional relationships, preparing members for a career in education by providing opportunities to develop leader and skills required for profession
 - Insta: @ttsmatucr
 - Meet weekly!
 - Math Club at UCR
- **Statistics**
 - Highlander Statistics Society - Instagram: @highlanderstatistics

Undeclared

- **Undeclared**
 - **EcoCAR EV Challenge Team at UCR**
 - The latest AVTC series, the EcoCAR EV Challenge (2022-2026) will challenge 15 North American universities to engineer a next generation battery electric vehicle (BEV) that utilizes automation and vehicle-to-everything (V2X) connectivity to implement energy efficient customer-pleasing features, and meet decarbonization needs of automotive industry
 - Insta: @ecocar.ucr
 - Meets weekly depending on each team!
 - **Highlander Space PProgram**
 - Discord link: <https://discord.gg/7JF38aJ3zP>
 - Purpose shall be to promote and advance the study nad practice of aerospace engineering
 - Club achieve these objectives by conducting regular meetings, work sessions, and other related activities deemed appropriate and beneficial for members
 - Collaborate with industry professionals and organizations with hands-on projects and research that are relevant to aerospace engineering
 - Encourage next generation of scientists and engineers by actively engaging with the wider community, particularly in the STEM community
 - Meet weekly varying with sub-team and quarter!

- Insta: @hspucr
- **Undeclared CNAS**
 - **California Alliance for Minority Participation**
 - Designed for students in STEM pursuing graduate (Master/Doctoral) degrees
 - CAMP established in 1991 and is funded by National Science Foundation (NSF)
 - Encourage NSF-declared underrepresented students in STEM to successfully complete undergraduate science degrees and pursue studies at graduate and professional level
 - Black, african-American, Hispanic/Latino, Native American, and Non-Filipino-Pacific Islander ethnic backgrounds
 - Meet every 2 weeks!
 - Insta: @ucrcamp
 - **MAES Student Chapter at UCR**
 - Cultivate and advance representation of Latinos in STEM
 - Hosting workshops, events, and meetings we will build a community that encourages and aids Latino leadership in STEM
 - Aim to help guide you in your academic and professional STEM careers by offering scholarships and internships through experience within stem majors
 - Outreach program to local public schools K-12 by exposing students to science, STEM, and career fairs
 - Meetings Thursdays at Bear's Den at 7:00 pm!
 - Insta: @maes.ucr
- **Physical Sciences**
 - Chemistry Club - Instagram: @chemclubatucr
 - Society of Physics Students (SPS) - Instagram: @ucr_sps
 - Physics Organization for Womxn and the Under-Represented (POWUR) - Instagram: @ucr_powur
 - Astronomy Club - Instagram: @astroclubatucr