



# Using today's knowledge to shape tomorrow's engineers

**The School for Engineering of Matter, Transport and Energy**, part of Ira A. Fulton Schools of Engineering at Arizona State University, is home to hundreds of renowned researchers in four of the top engineering fields.

With programs in mechanical engineering, chemical engineering, aerospace engineering and materials science and engineering, the school takes an interdisciplinary approach to help students become skilled and confident engineers who can invent new and efficient ways to do things in the world.

Through programs such as the Fulton Undergraduate Research Initiative, you'll be provided with hands-on lab experience, equipping you with skills and abilities that are attractive to future employers and graduate programs. You can also join research groups that align with your interests, which is crucial to finding your career path.

By joining student organizations, you'll get to meet like-minded engineers working hard to achieve similar goals as yours. You'll get to participate in competitions, where you'll build solutions to issues you care about.

From advanced labs to internships and entrepreneurship programs, you'll have the resources you need to be successful.

## Undergraduate degree programs

- Aerospace engineering (aeronautics), BSE
- Aerospace engineering (astronautics), BSE
- Aerospace engineering (autonomous vehicle systems), BSE
- Chemical engineering, BSE
- Materials science and engineering, BSE
- Mechanical engineering, BSE
- Mechanical engineering (computational mechanics), BSE
- Mechanical engineering (energy and environment), BSE

## Career outcomes

Career outcomes	Median annual salary
Aerospace engineer	\$134,830
Automotive engineer	\$102,320
Chemical engineer	\$121,860
Computer hardware engineer	\$155,020
Mechanical engineer	\$102,320
Nanosystems engineer	\$117,750
Petroleum engineer	\$141,280
Solar energy systems engineer	\$117,750

\*Data obtained from the Occupational Information Network (O\*NET) under sponsorship of the U.S. Department of Labor/Employment and Training Administration (USDOL/ETA).





## Industry partnerships

Through the [Honeywell Innovation Hub](#), aerospace and mechanical engineering students can attend weekly tech talks and learn about the latest developments in aerospace technologies, from avionics to propulsion and more.

## Companies hiring our graduates

Boeing  
Daka Technology  
Dominion Energy  
Energy  
Honeywell  
Intel  
Microchip  
Samsung  
Texas Instruments  
TSMC

## Research opportunities

In the School for Engineering of Matter, Transport and Energy, faculty members are working on various problems, including water purification, additive manufacturing, sustainability, robotics and materials discovery. Their labs enable hands-on research opportunities for students. Once students gain lab experience, they can pursue internships by networking with employers at one of the recurring [Fulton Schools Career Fairs](#).



**After partaking in two research internships, I realized how well ASU faculty had prepared me. I understood how research is conducted and was already familiar with several techniques used in my internships. Coursework within the materials science and engineering program and student service offices prepared me well for these internship experiences.”**

**Megan Duncan**  
'22 BSE in materials science and engineering



**I had summer internships at the City of Casa Grande Public Works Engineering Department and Johns Manville throughout my time at ASU. I am also accepting an internship at Intel next semester. ASU provided me with the skills necessary to truly show interviewers my best qualities and how to shine through the interview process.”**

**Ethan McClintic**  
'26 BSE in chemical engineering



## Join in. Stand out.

Whether you are looking for a new social outlet or want to get a jump on your career, a student organization will enrich your academic experience. Here are just a few student orgs you can get involved in:

- Engineering Projects in Community Service
- Fulton Undergraduate Research Initiative
- Grand Challenges Scholars Program
- Sun Devil Rocketry
- Air Devils
- American Institute of Chemical Engineers

**Scan here to learn more about your school!**

