



# College Of Engineering

Transform Lives, Improve Society.



UNIVERSITY  
of HAWAII®  
MĀNOA

The College of Engineering at the University of Hawai'i is dedicated to world-class education and research. We produce the entrepreneurial and innovative human and intellectual capital required to be competitive in an increasingly technological and global society. Through our graduates and our research, we provide people and discoveries to transform lives and to support vibrant, knowledge-based economies. We are inspired by the principles of sustainability and resilience, flavored by our unique island environment.



## Research

22% increase in  
research awards  
\$11M in awards  
\$8.1M in expenditures

## 1394

Undergraduate College  
of Engineering Students

## 10,600 Engineering Degrees

Since our founding in 1907, the College has  
awarded over 10,600 engineering degrees  
(BS, MS, and PhD).



Figures from the 2022-2023 Academic Year



## Programs

Biological Engineering\*  
Civil Engineering  
Computer Engineering  
Construction Engineering  
Electrical Engineering  
Engineering Science  
Mechanical Engineering

## BAM (4+1) Pathways

Earn your bachelors and masters degree within five years!

- BS/MS Civil Engineering
- BS Computer Engineering/  
MS Electrical Engineering
- BS/MS Electrical Engineering
- BS/MS Mechanical Engineering

## Our Unique Vantage Point

The UH College of Engineering is a unique learning community, molded by its sense of place and space. Nestled in the heart of the Pacific Ocean, we take advantage of our unique geographic location afforded by our mountains, oceans, tradewinds, and proximity to Asia Pacific. We embrace our host culture as a Native Hawaiian place of learning. And as a Minority Serving Institution, we are proud of the outstanding quality, diversity, and vibrancy of our students.

## Diverse Research

Our students work with world-class professors performing research in a range of areas, including: artificial intelligence and machine learning, cybersecurity, life sciences and biotechnology, aerospace engineering, biomedical engineering, advanced materials and nanotechnology, data analytics and big data, computation, energy, sustainability, resilient infrastructure, systems automation and control, ocean engineering, and biological engineering. They solve the problems of the future, whether it's paving the way for autonomous vehicles in Honolulu or designing a sweat patch that can diagnose cystic fibrosis. Many students join Vertically Integrated Project (VIP) teams, engaging in industry-infused, project-based learning while earning college credit.

## Immersed in Campus Life

We offer over a dozen award-winning student chapters of national and international professional organizations, such as the Society of Women Engineers (SWE), Institute of Electrical and Electronics Engineers (IEEE), American Society of Mechanical Engineers (ASME), and the American Society of Civil Engineers (ASCE).

Students work on campus as faculty assistants and share their love of STEM with the community as Engineering Student Ambassadors. The College of Engineering's Residential Learning Program, Engineering 'Ohana, affords the chance to live with fellow budding engineers in Johnson Hall, across from our home base, Holmes Hall. Our Native Hawaiian Science and Engineering Mentorship Program offers amazing resources and opportunities in professional development, cultural engagement, and more.

*\*Housed in the College of Tropical Agriculture and Human Resources (CTAHR)*



Photo Credit: Matthew Young



**College of Engineering**  
**University of Hawai'i at Mānoa**  
2540 Dole St., Holmes Hall 240  
Honolulu, Hawai'i 96822  
808.956.7727

✉ [engr@eng.hawaii.edu](mailto:engr@eng.hawaii.edu)

🌐 [eng.hawaii.edu](http://eng.hawaii.edu)

📱 [f](#) [ig](#) [in](#) @uhmengengineering