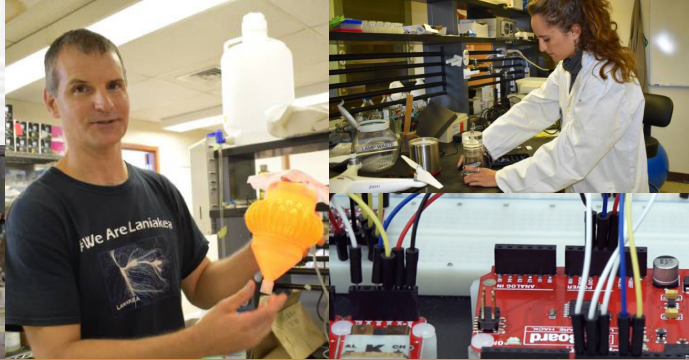




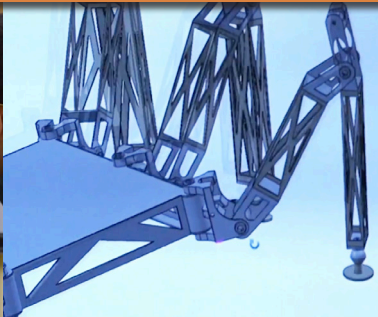
COLLEGE OF TROPICAL AGRICULTURE
AND HUMAN RESOURCES
UNIVERSITY OF HAWAII AT MĀNOA



Biological Engineering

Biological Engineering (BE) majors study the design, production, and operation of engineered systems in which living organisms (plants, animals, aquatic species, cells, etc.) and/or biomolecules are a major component.

If you are interested in developing biofuels, creating new sources of animal and fish food, or designing handheld sensors to detect pathogens, then BE is the BS program for you.



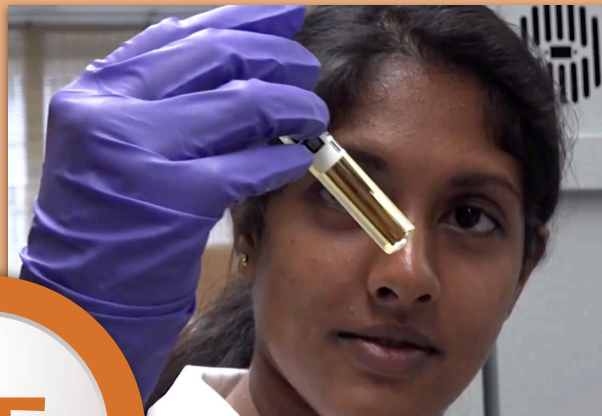
Biological Engineering (B.S.)

Biological Engineering (BE) emphasizes life and life-sustaining systems. Biological engineers study the design, production, and operation of engineered systems of which a major component is living organisms (plants, animals, aquatic species, cells, etc.) and/or biomolecules. They approach problems from a whole-system context to balance society's demand for biological resources (such as food, fiber, and higher-value products) with environmental integrity and economic success.

Career Opportunities:

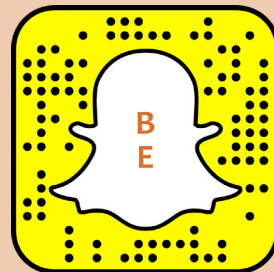
- Design of equipment and processes for the sustainable production of food, biofuels, pharmaceutical compounds, and other biological materials.
- Biological remediation of pollutants and other waste materials in the environment.
- Development of instruments and analytical techniques underpinning new discoveries in biology, from the molecular to the ecological scale.

Biological Engineering graduates are working in industry, government, human and veterinary medicine, and entrepreneurial pursuits.



BE

Want to Know More?



[http://cms.ctahr.hawaii.edu/
majors/be.aspx](http://cms.ctahr.hawaii.edu/majors/be.aspx)

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