

DEPARTMENT OF BIORESOURCE ENGINEERING

About the Department of Bioresource Engineering

The Bioresource Engineering discipline focuses on the application of engineering principles to biological systems including plants, animals, and ecosystems. Bioresource engineers seek sustainable solutions to enhance the production and processing of food and other biomaterials as well as preserving and regenerating the quality of soil, water, and other natural resources. B.Eng. is an accredited engineering program administered by the Faculty of Agricultural and Environmental Sciences in coordination with the Faculty of Engineering.

In addition to core engineering sciences and design skills, Bioresource Engineering students take courses dedicated to the infrastructure and processes essential to the emerging circular bioeconomy. Students learn to design, construct, operate, maintain, and innovate equipment, structures, processes, and software related to agriculture, forestry, food, environmental protection, ecological management, bioenergy, and other related industries.

For more information on programs associated with this department, see Bachelor of Engineering (Bioresource) - (B.Eng.(Bioresource)).

Location

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