

Description

Environmental engineering helps students approach to technological innovation and strategies for a sustainable development of natural and built environment, by which environmental engineers play an important responsibility in maintaining living standard ecologically.

The bachelor degree in Environmental Engineering at Nam Can Tho University equips students with an integrated knowledge of multiple engineering aspects, such as land use and management, soil rehabilitation, environmental microbiology and ecology, water and wastewater treatment, clean production, hydrology and hydraulics, air and noise pollution. Environmental engineers could use these knowledge to develop solutions to environmental issues, such as water and air pollution, recycling and sustainability, waste disposal, climate change and public health. They are also responsible for municipal water supply and wastewater treatment in urban and rural areas. In addition, they work to reduce risk from hazardous materials in the environment by designing safe disposal methods and remediation methods for contaminated soil, sediment and water.

Environmental engineers are not only concerned with local and regional issues but on global, including climate change, the impacts of population growth and the world water and sanitation crisis. This program also equips students to concern in civil, groundwater, or chemical engineering by which environmental engineers will be able to design systems improve water quality, develop cleaner production technologies in agriculture, undertake rehabilitation of mining sites and contaminated land, work on land salinity issues.

Career

Graduates will be able to work across diverse fields such as resource industry; mining and water agencies; environmental protection and conservation organizations; construction industries; consulting firms; and public utilities. Graduates have an opportunity to make significant changes to the world, such as preserving the environment; remediating environmental disasters; and preparing the community for adverse effects of climate change.

Environmental engineers may work as consultants on a range of projects for governmental organizations, non-profits and industry. They can be employed in senior positions in the department of sustainability and environment, and in many other organizations.