

Objectives

The Communication Engineering Programme features an integration of science and engineering, encompassing multiple disciplines such as Electronic Science and Technology, Information and Signal Processing Technology, Computer Science and Technology, and Communication Networks. The Program aims to cultivate high-quality applied-type talents who can develop in a coordinated manner in terms of morality, intelligence, physical fitness, aesthetics, and hard-working spirit. The graduates should be adaptable to the requirements of social progress and the development of civilization, possess good professional ethics, and be capable of engaging in research and development, engineering and design, operation and maintenance, technical management, and education in the field of professional technology.

After four years of specialized study, graduates majoring in this field should have a solid foundation in mathematics, natural sciences, as well as humanities and social sciences. They should master the basic professional knowledge in the field of communication and systematically complete engineering practice training related to this program. They are able to apply the knowledge they've learned, proficiently use modern tools, and solve engineering and technical problems in areas such as the manufacturing of communication and electronic equipment, the software design of communication systems, and the design and operation maintenance of communication networks. They can be competent in various tasks and job roles. They have a correct understanding of self - exploration and learning, and can actively keep up with the development and changes of the social environment and the industry. They possess a certain international perspective, can read English literature related to this major, and have the ability to communicate in English regarding professional issues. Moreover, they should possess teamwork skills and basic enterprise management capabilities. They can understand and adhere to professional ethics and norms, have good humanistic qualities and a sense of social responsibility, as well as a sense of public service for the society. At the same time, they own a scientific spirit and an innovative awareness.