

## 物联网工程

### Internet of Things Engineering

#### 一、培养目标 Training Objectives

本专业培养具有基础厚、口径宽、能力强、综合型、素质高等特点的，面向现代信息处理具备电子技术、射频技术、计算机技术、网络技术和无线通信技术等专业知识，掌握物联网基本理论和应用技术方法，能从事物联网感知与控制、网络传输、软件与信息服务的研发、集成、应用和管理的工作，能胜任企事业单位、高等院校和科研单位等与物联网的科学研究技术开发、教学和管理技术岗位的高级工程技术人才。

This major aims to cultivate advanced engineering and technical talents who are equipped with solid foundation, wide caliber, strong capability, comprehensive and high quality, possess professional knowledge of electronic technology, Radio Frequency, computer technology, network technology and wireless communication technology and the like to deal with Modern information processing, master the basic theory and applied technology of Internet of things, can be able to engage in Internet of things perception and control, network transmission, research, integration, application and management of software and information service, can feel up to the work in positions related to scientific research and technological development, teaching and management of Internet of things in enterprises, public institutions, universities and scientific research institutes and so on.

#### 二、基本规格 Basic Specifications

具有基本的体育、卫生和军事基本知识，掌握科学锻炼身体的基本方法和技能，具有良好的心理素质和一定文化艺术素养。

Students are required to be equipped with basic knowledge of sports, health and military affairs, master basic methods and skills of scientific exercise and have good psychological quality and certain cultural and artistic qualities.

#### 三、学制与学位 Length of Schooling and Degree

##### 1. 学制与修业年限 Length of schooling & Study duration

标准学制为四年，在校修业年限四年制为 3-6 年。

The standard length of schooling is four years. Study duration can be 3-6 years.

## 2.最低毕业学分和授予的学位

### Minimum Credits for Graduation and the Degree Awarded

最低毕业总学分为 160 学分，授予工学学士学位。

The minimum credits required for graduation is 160 credits; Bachelor's Degree in Engineering will be awarded.

### 四、主干学科和主要课程 Main Subjects and Main Courses

主干学科：信息与通用工程，电子科学与技术，计算机科学与技术。

Main Subject: Information and General Engineering, Electronic Science and Technology, Computer Science and Technology

核心课程：无线传感器网络、物联网通信技术、数据处理和智能决策、物联网工程设计与实施、RFI 原理及应用、传感器原理及应用。

Core courses: Wireless Sensor Networks, Communications Technology of Internet of Things, Data Processing and Intelligent Decision-making, Engineering Design and Implementation of Internet of Things, RFI Principles and Applications, Principle and Application of Sensors

学位课程：大学英语 I - II，无线传感器网络、物联网通信技术、数据处理和智能决策、物联网工程设计与实施。

Degree courses: College English I - II, Wireless Sensor Networks, Communications Technology of Internet of Things, Data Processing and Intelligent Decision-making, Engineering Design and Implementation of Internet of Things.