



机械工程 >

一、专业介绍

本专业培养具备机械设计、制造、机电工程及自动化基础知识与应用能力，能在科研院所、企业、高新技术公司利用计算机辅助设计、制造及分析技术，从事各种机械、机电产品及系统、设备、装置的研究、设计、制造，特别是承压设备、起重机、电梯、大型游乐设施等特种设备与系统的设计、制造、开发、应用研究，以及从事技术管理的高级应用型工程技术人才。

本专业学生主要学习机械设计、制造、电工电子技术、计算机技术、信息处理技术及自动化的基础理论，接受现代机械工程师的基本训练，具有从事机械、机电产品的设计、制造、技术分析、设备控制等工程实践能力。

本专业核心课程主要有：机械原理、机械设计、理论力学、材料力学、金属材料及热处理、机械制造基础、承压容器设计、工程测试技术、控制工程基础、机械制造装备设计、数控技术及应用、电气和电子电路、工程热力学、故障诊断技术。

二、基本学制

4年

三、学位授予

工学学士

四、收费

学费：18,000元/年 住宿费：4,200元/年 书本费：500元/年 (多退少补)

***根据中国相关法律规定，来华留学生还需缴纳如下费用：**

保险费：800元/年

体检费：340元/年

居留许可费：400元/年

注册费：400元 (仅限第一年)

五、联系方式

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Mechanical Engineering >

1. Introduction

Mechanical Engineering is committed to train advanced applied engineering and technical talents with the knowledge and application ability of mechanical design, manufacturing, electromechanical engineering and automation, who can use computer-aided design, manufacturing and technical analysis to engage in various research, design and manufacture of mechanical and electrical products, systems, equipment, devices in research institutes, enterprises and high-tech companies, especially in those of special equipment and systems such as pressure equipment, cranes, elevators, large amusement facilities and so on.

The students will mainly learn the basic theory of mechanical design, manufacturing, electrical and electronic technology, computer technology, information processing technology and automation. They will be basically trained to be modern mechanical engineers with engineering and practical capabilities of designing, manufacturing, technical analysis, equipment control of mechanical, mechanical and electrical products.

The core courses: Mechanical Principles, Mechanical Design, Theoretical Mechanics, Material Mechanics, Metal Materials and Heat Treatment, Mechanical Manufacturing Foundation, Pressure Vessel Design, Engineering Test Technique, Control Engineering Fundamentals, Mechanical Manufacturing Equipment Design, Numerical Control Technology and Application, Electrical and Electronic Circuits, Engineering Thermodynamics, Fault Diagnosis Technology.

2. Basic length of schooling

4 years

3. Degree to be granted

Bachelor of Engineering

4. Fees

Tuition: 18,000 RMB Yuan per year (Course taught in English)

Accommodation: 4,200 RMB Yuan per year

Textbooks: 500 RMB Yuan per year (or charged according to the actual situation)

***According to China's relevant laws and regulations, foreign students should pay fees as follows:**

Insurance: 800 RMB Yuan per year

Physical Examination: 340 RMB Yuan per year

Residence Permit: 400 RMB Yuan per year

Registration fee: 400 RMB Yuan (the first year only)

5. Contact Information

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