

# 计算机科学基础课程介绍

## 一、中文简介：

本课程作为计算机课程的先导课，重点介绍计算机的基础知识，计算机的结构，计算机的核心软件——操作系统、计算机科学的核心之一——算法，计算机语言和数据库相关知识，并介绍了计算机网络，高性能计算、人工智能、计算理论等计算机相关的高级主题，以及计算机对社会产生的影响，包括法律、版权、环境、健康、计算机安全等。

## 二、英文简介：

This course is a pilot course of computer courses. This course focuses on the basics of computers, computer architecture, the core of computer software - operating systems, one of the cores of computer science - algorithms, knowledge of computer languages and database. And this course also describes the computer network, high-performance computing, artificial intelligence, computational theory and other computer-related advanced topics, as well as the impact of computers on society, including legal, copyright, environment, health, computer security, etc.