《数据科学的计算机基础》课程中英文简介

Computer Foundation of Data Science

课程代码：071633A **Course Code：**071633A

课程名称：数据科学的计算机基础 **Course Name：**Computer Foundation of

Data Science

学时：48 **Periods：**48

学分：3 **Credits：**3

考核方式：考试 **Assessment：**Examination

先修课程：计算机应用基础 **Preparatory Courses：**Application of Computer

程序设计基础 Fundamentals of Program Design

Linux作为日渐流行的多用户、多任务的网络操作系统，有着免费、开源、稳定、安全等许多其它操作系统无可比拟的优势，具有越来越广泛的应用前景。在大数据技术迅速发展的今天，Linux操作系统是构建大数据平台的核心基础技术。

本课程的目标是通过讲授Linux操作系统的基础和应用知识，使学生掌握Linux系统的安装、配置、管理维护等技能，对Linux系统有一个全面的了解，奠定在Linux系统上建立网络服务器和进行大数据系统研发的基础。

As a multi-user and multi-task network-based operating system, Linux is free, open, stable, safe and promising, compared to many other operating systems. With more and more extensive application and the rapid development of data science, Linux is the core technology of building big data platform.

The purpose of this course is to teach basic knowledge and application of the Linux operating system, to enable students to master the installation, configuration, maintenance and management skills of the Linux system, a comprehensive understanding of the Linux system, which set up network server and the basic research data system in Linux system.