《大数据开发技术(Hadoop)》课程中英文简介

Developing Techniques for Big Data (Hadoop)

课程代码：071333B **Course Code：**071333B

课程名称：大数据开发技术(Hadoop) **Course Name：**Developing Techniques for Big

Data (Hadoop)

学时：48 **Periods：**48

学分：3 **Credits：**3

考核方式：考查 **Assessment：**Check

先修课程：人工智能、 **Preparatory Courses：**Artificial Intelligence、

面向对象程序设计、 Object-Oriented Programming、

数据库原理**、** Principle of Database、

高性能计算 High Performance Computing

《大数据开发技术(Hadoop)》是为计算机科学与技术和大数据专业而开设的课程。通过本门课程的教学，使学生熟练掌握大数据开发的基础技术；了解分布式数据库；探索大型分布式程序的设计与开发方法。教学过程中，注重学生动手能力的培养，为学生进一步学习和实现大数据系统开发打下坚实的理论和实践基础能力。

Hadoop is a course for computer science and technology and big data major. Through the teaching of this course, students can master the basic technology of big data development, understand the distributed database, and explore the design and development method of large-scale distributed program. In the teaching process, we should pay attention to the cultivation of students' practical ability, so as to lay a solid theoretical and practical foundation for students to further study and realize the development of big data system.