《信息资源与信息检索》课程中英文简介

Information Resource and Information Retrieval

课程代码：2121552B **Course Code：**2121552B

课程名称：信息资源与信息检索 **Course Name：**Information Resource and

Information Retrieval

学时：32 **Periods：**32

学分：2 **Credits：**2

考核方式：考查 **Assessment：**Assignment

先修课程：数据结构 **Preparatory Courses：**Data Structure**,**

程序设计基础与应用 Fundamentals of Programming Design and

Applications

《信息资源与信息检索》课程是是为信息管理与信息系统专业学生提高信息检索能力而开设的一门专业拓展课。通过本课程的教学，使学生理解和掌握信息检索的基本概念和原理，掌握信息检索的技术基础，了解信息检索技术在网络搜索引擎和在数字图书馆等领域的应用。教学过程中，通过讲授信息检索的概念和技术、这些技术在搜索引擎中的应用，及其对相关领域知识的影响等，为学生进一步学习信息管理与信息检索知识打下基础。

本课程是一门专业拓展课，以《数据结构》、《程序设计基础》等先修课程的知识为基础，系统阐述信息检索领域的基本理论、学术前沿和实践应用，对于信息管理与信息系统专业的学生灵活运用已学的理论知识和培养实践动手能力具有重要的意义。教学的主要内容有：信息检索的基本概念与用户界面、经典的信息检索模型及其发展、文档组织和查询、索引和搜索基础、Web爬取和检索基础、数字图书馆基本知识等。

“Information Resource and Information Retrieval” is a professional development course for the college students with the major of information management and information system, with the previous courses of “Data Structure” and “Fundamentals of Computer Programming”. This course includes the fundamental principles, hot pots and recent applications in the field of information retrieval, which is very important for the students with the major of information management and information system to apply the knowledge and to improve the ability of practices. The main content of teaching includes: basic concepts of information retrieval and user interface, traditional information retrieval models and its development, text organization and request, basics of indexing and searching, basics of Web crawling and basics of digital library. Through this course, students should understand and learn the basic concepts and principles of information retrieval, basic technologies of information retrieval, and the application of information retrieval technology in the fields of Web search engine and digital library.