## 《程序设计语言（Python）》课程中英文简介

Programming Language (Python)

课程代码：071523B **Course Code：**071523B

课程名称：程序设计语言（Python） **Course Name：**Programming Language (Python)

学时：48 **Periods：**48

学分：3 **Credits：**3

考核方式：考查 **Assessment：**Assignment

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

本课程主要介绍面向对象的脚本语言Python。Python是开源的高级动态编程语言，语法简洁清晰，并且拥有大量功能丰富而强大的标准库和扩展库。本课程将从Python语言的基本语法入手，结合示例程序和上机实验，较为系统地介绍Python语言的主要特征和编程技术，使学生在全面了解Python技术历史、现状与发展趋势的基础上，系统掌握Python基本概念、编程思想以及程序设计技术，并能够熟练的运用Python编程技能获取并加工处理数据，解决财经领域中与数据处理和分析相关的实际问题，为科学决策提供支持。

This course is carefully designed for teaching object-oriented script language, namely Python. Python is an open-source high-level dynamic programming language with concise and clear syntax, and has a large number of feature-rich and powerful standard libraries and extension libraries. This course will start with the basic grammar of the Python language, and systematically introduce the main features and programming techniques of the Python language, so that students can fully understand the history, current situation and development trends of Python technology. Then, the students can systematically master the basic concepts, programming ideas and programming techniques of Python, and can skillfully use Python programming skills to acquire and process data, solve practical problems related to data processing and analysis in the financial field, and provide support for scientific decision-making.