《决策理论与方法》课程中英文简介

Decision Theory and Method

课程代码：071424A **Course Code：**071424A

课程名称：决策理论与方法 **Course Name：**Decision Theory and Method

学时：48 **Periods：**48

学分：4 **Credits：**4

考核方式：考试 **Assessment：**Examination

先修课程：管理学、经济学原理、 **Preparatory Courses：**Management, Principles of

高等数学、运筹学 Economics, Higher Mathematics, Operations

《决策理论与方法》是为管理科学专业和信息管理与信息系统专业而开设的课程。通过本门课程的教学，使学生掌握决策分析的基本理论和基本方法以及仿真技术在决策分析中的应用，能够灵活运用所学知识建立相关的决策模型和仿真模型并求解。教学过程中，应讲清楚各种方法的本质，强调方法的应用性，尽可能避免方法的数学推导，每一部分都应与案例分析相结合，通过案例分析使学生理解并掌握各种分析方法，以达到培养学生分析问题、解决问题的能力。

本课程是一门研究决策行为基本理论和方法的课程，它阐述了人们为了实现某一特定目标，按照决策准则，从各种可行方案中筛选出最满意的方案，并修正控制，直至目标实现的整个系统过程。

Decision Theory and Method is the major course for management science and information management and information system. Students can master the basic theory and method of decision analysis, apply simulation technology to decision analysis, establish and solve the related decision model and a simulation model. In the teaching process, the essence of various methods should be explained clearly, the application of methods should be emphasized, and mathematical derivation of methods should be avoided as far as possible. Each part should be combined with case analysis to make students master various analytical methods, so as to cultivate students’ ability to analyze and solve problems.

This course is a course that studies the basic theories and methods of decision-making behavior. It elaborates the whole system process in which people, in order to achieve a specific goal, select the most satisfactory plan from various feasible schemes according to decision-making criteria, and modify the control until the goal is realized.