## 《物流工程》课程中英文简介

Logistics Engineering

课程代码：081212B **Course Code：**081212B

课程名称：物流工程 **Course Name：**Logistics Engineering

学 时：2 **Periods：**2

学 分：32 **Credits：**32

考核方式：考查 **Assessment：**Test

先修课程：运筹学 **Preparatory Courses：**Operations

《物流工程》以产品全生命周期的物流活动为研究对象，依据物流系统设计、运营、管理等方面的需要，在总体介绍物流工程的基本理论和分析方法的基础上，继承传统经典的设施规划与企业物流设计的内容，从生产系统与服务系统的角度，将供应链物流在价值链上进行有效整合。内容主要涉及库存管理、仓储与配送管理、物流运输管理以及现代集成物流系统、电子商务物流系统、供应链物流系统、逆向物流乃至闭环供应链等各个相关的物流系统活动，在精益生产的管理理念下，将信息技术、仿真技术、系统集成化技术等最新成果综合应用于物流工程。

“Logistics Engineering” takes the logistics activities of the product life cycle as research object, according to the need of logistics system design, operation and management etc, which is also based on the overview of basic theories and analysis methods of Logistics Engineering and the content of classical facilities planning and enterprise logistics design, and effectively integrated the supply chain logistics on the value chain from the perspective of the production system and service system. It’s main content involving various activities related to the logistics system, which includes inventory management, warehousing and distribution management, logistics transportation management and modern integrated logistics systems, e-commerce logistics system, supply chain logistics system, reverse logistics as well as closed-loop supply chain, etc. it’s also comprehensively applying the latest achievements of information technology, simulation technology and systems integration technology to Logistics Engineering under concept of lean production management.