

专业代码: 120100 专业名称: 管理科学与工程
Specialty code: 120100 major: Management Science and Engineering

一、专业简介

Introduction

管理科学与工程专业 1981 年获硕士学位授予权, 1990 年获博士学位授予权, 毕业生授予管理学学位。2001 年本专业被批准设立博士后流动站, 2007 年被评为国家重点学科(培育)。

The university was granted the power to confer the master's degree in Management Science and Engineering in 1981, the doctor's degree in 1990 and the degree in management upon graduates. In 2001, the post-doctoral research station for the specialty was approved. In 2007, it was listed among the national key disciplines (cultivation) in China.

1、培养目标

Educational objectives

1) 培养严谨求实的科学态度和作风, 具有创新求实精神和良好的科研道德;

To foster a serious and practical scientific attitude and style, the down-to-earth spirit of innovation, and science research ethics;

2) 具有坚实、宽广的基础理论和系统、深入的专门知识;

To develop a firm and comprehensive grasp of the basic theories and profound and systematic expertise;

3) 在本学科或专门技术上做出创造性的成果;

To promote creative achievements in the specialty or in special technical expertise;

4) 具有独立从事科学研究工作的能力。

To develop the ability to undertake independent scientific research.

2、主要研究方向

Main Research Fields

1) 现代管理理论与方法

Modern Management Theories and Methods

2) 信息管理与知识管理

Information Management and Knowledge Management

3) 商务智能与电子商务

Business Intelligence and Electronic Commerce

4) 生产运作管理

Production and Operation Management

5) 物流与供应链管理

Logistics & Supply Chain Management

6) 网络优化决策

Network Optimization and Decision-making

7) 管理系统模拟

Management System Simulation

8) 金融工程

Financial Engineering

9) 工程管理

Engineering Management

3、就业方向

Career Prospects

本专业对研究生的培养实行基于指导小组的导师责任制，特别强调通过科学研究培养研究生独立从事科研工作的能力，强调综合素质和创新能力的培养。毕业生能胜任各类工商企业、国家机关和政府有关部门的管理工作，或在科研机构与高等学校从事相应的研究与教学。

Graduates in this specialty are fostered by tutors through the steering team. This specialty especially focuses on the development of graduates' ability to engage in scientific research independently through scientific research as well as their comprehensive quality and capacity of innovation. After graduation, graduates will be competent for management work in various types of industrial and commercial enterprises, state organs and government departments or relevant research and teaching in research institutions and institutions of higher learning.

二、师资力量和科研成果

Teaching Resources and Scientific Research Achievement

本专业现有教授 13 名（其中博士生导师 13 名），副教授 18 名，其中教育部新世纪优秀人才 4 人，楚天学者 3 人，长江学者讲座教授 1 人，形成了一支积极奉献、团结进取、结构合理的学术梯队。

In this specialty, we boast 13 professors (including 13 doctoral supervisors), 18 associate professors. Among them, there are 4 New Century Excellent Talents (NCET) of Ministry of Education, 3 Chutian Scholars, 1 Chair Professor under Changjiang Scholar Program. An academic echelon featuring positive devotion, unity and progress and rational structure has been formed.

本专业先后承担国家自然科学基金项目 50 余项、重点项目 2 项，国家高技术 863/CIMS 项目 14 项、省部级项目十多项及横向课题几十项。近年来，获得了国家级精品课程 1 门，省级精品课程 2 门；出版教材 13 种，8 种教材入选国家级“十一五”规划教材，其中《生产运作管理》教材从 1994 年开始使用至今，已多次再版，共印刷 10 多万册，被众多兄弟院校采用；出版国内第一本《供应链管理》专著，已再版两次，重印 20 多次，共发行 6 万余册。2005 年本学科点“现代信息管理研究中心”被批准为湖北省高校人文社会科学重点研究基地，中国优选法、统筹法与经济数学研究会计算机模拟协会从 1995 年起挂靠本学科，依据本学科主办的《管理学报》在全国有重要影响。本专业先后获国家教委科技进步奖、原内贸部科技进步奖，国家教委优秀教材奖及大学出版社会协会优秀专著奖等奖项。经过十多年的发展，本专业已进入全国先进水平，某些研究方向处于国内领先水平，部分研究成果已达到国际先进水平。本专业与美国斯坦福大学、加拿大多伦多大学管理学院、香港科技大学工程管理系、Ecoles des Hautes Etudes Commercial、University Regina、University of Wisconsin Milwaukee 等有着十分密切的交流与合作。

The specialty has undertaken more than 50 National Natural Science Foundation programs, 2 major programs, 14 national high-tech 863/CIMS programs, dozens of programs at the provincial or ministerial level, and dozens of horizontal subjects. In recent years, 1 course has been awarded fine course at national level, 2 courses have been awarded fine courses at provincial level; 13 types of textbooks have been published, 8 of them listed among national textbooks under the "Eleventh Five-Year Plan". Particularly, *Production and Operation Management* has been in use since its publication in 1994 and has been repeatedly republished, with more than 100,000 volumes printed and used by many colleges and universities. It has also published the first *Supply Chain Management* in China, which has been republished twice and reprinted more than 20 times, with more than 60,000 volumes distributed. In 2005, the "Modern Information Management Research Center" was approved to be a major research base of humane social science in institutions of higher learning in Hubei Province. Since 1995, the Computer Simulation Association, Chinese Society for Optimization, Overall Planning and Economic Mathematics (CSOPEM) has established cooperation with the specialty, exerting an important influence throughout China through our *Chinese Journal of Management*. This specialty has been awarded the Science and Technology Progress Award by the Ministry of Education, Science and Technology Progress Award by former Internal Trade Ministry, Excellent Textbook Award by the Ministry of Education, and Excellent Works Award by the China University Presses Association. Through a decade of development, the specialty has been nationally advanced and internationally leading. It has established close communications and cooperation with Stanford University, University of Toronto: Rotman, Industrial Engineering, the Hong Kong University of Science and Technology (HKUST), Ecoles des Hautes Etudes Commercial, University Regina, and University of Wisconsin Milwaukee.