

专业代码: 120204 专业名称: 技术经济及管理  
**Specialty Code: 120204 Major: Technical Economy and Management**

## 一、专业简介

### Introduction

技术经济及管理专业 1998 年获硕士学位授予权, 2003 年获博士学位授予权, 毕业生授予管理学学位。  
In 1998, the University was authorized to launch the master programme for Technical Economy and Management, and the PhD programme in 2003. Graduates are granted the degree in Management.

## 1、培养目标

### Educational objective:

1) 掌握本学科坚实的基础理论和系统的专门知识, 掌握一门外国语, 能熟练地进行专业阅读和初步写作;

To master solid basic theories and systematic expertise, master a foreign language, and develop the capacity of professional reading and primary writing;

2) 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, 具备独立从事本学科的科学  
研究能力;

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

3) 能熟练运用计算机和信息化技术, 解决本学科领域的问题并有新的见解;

To get proficiency in the use of the computer and information technology to solve problems within the  
specialty and with unique insights;

4) 可胜任本专业或相邻专业的教学、科研以及相关的管理、研究工作。

To be competent for teaching, scientific research, management and research of the specialty and  
relevant specialties

## 2、主要研究方向

### Main Research Fields

1) 技术创新管理      2) 技术经济评价理论与方法      3) 创业管理与风险投资      4) 企业技术进步与  
投资决策      5) 科技战略与政策

1) Technological Innovation Management

2) Technical Economic Evaluation Theory and Method

3) Entrepreneurial Management and Venture Capital

4) Business Technical Progress and Investment Decision-making

5) Technological Strategy and Policy

## 3、就业方向

### Career Prospects

本专业对研究生的培养倡导由校内导师和社会导师共同指导、责任导师具体负责的培养模式, 强调通过参与科研项目培养研究生独立从事科学研究的能力, 注重研究生的综合素质和创新能力的培养。毕业生可在工商企业、金融、咨询机构和政府有关部门从事技术经济评价、科技管理、企业发展战略和产业技术发展  
规划等相关工作, 也可在科研机构、高等学校从事相应的研究与教学工作。

Graduates in this specialty are fostered jointly by on-campus tutors and social tutors and in the charge of  
responsible tutors. 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 technical and economic  
evaluation, technology management, business development strategy and industrial technology  
development and planning in business and commercial enterprises, finance and advisory bodies and  
relevant government departments.

## 二、师资力量和科研成果

### **Faculty Resources and Scientific Research Achievements**

本专业现有专职教授 3 名（其中博士生导师 2 名）、副教授 6 名、讲师 3 名，形成了一支积极奉献、团结进取、结构合理的学术团队。

This specialty is staffed with 3 full-time professors (including 2 doctoral supervisors), 6 associate professors, and 3 lecturers. An academic team 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 10 余项、国家社科基金项目 1 项、国家 863 项目 3 项、国家科技攻关项目 3 项、国家软科学基金项目 3 项（含重大软科学基金项目 1 项）、省部级科研项目 50 余项及企业委托课题多项。本专业先后获得教育部科技进步奖、云南省科技进步奖、湖北省科技进步奖，被科技部授予“国家十一五计划执行优秀团队奖”。本专业为国家科技部、国家发改委、铁道部、交通部、农业部、卫生部等二十多个部委以及全国多个省市制定科技发展规划提供咨询。近五年来，本专业在国内外学术期刊发表论文 100 余篇，出版专著、教材近 10 部。经过十多年的发展，本专业已进入全国先进水平，在技术创新、科技统计、科技评价、创业管理等领域形成了鲜明的特色，并与加拿大多伦多大学、日本东北大学、英国曼彻斯特大学、日本立命馆大学等国外高校的相关院系有着十分密切的交流与合作。

We have undertaken a dozen of National Natural Science Foundation programs, one national social science foundation program, 3 national 863 programs, 3 programs of Chinese National Programs for Science and Technology Development, 3 National Soft Science Research Programs (including 1 major Soft Science Research Program), over 50 scientific research programs at the provincial or ministerial level, and many research programs for enterprises. The specialty has been awarded the technological progress prize by the Ministry of Education, the technological progress prize in Yunnan Province, the technological progress prize in Hubei Province, and the “Award of Excellent Team for the Implementation of the National Eleventh Five-Year Plan”. The specialty has established technological development planning and provided consultation to more than 20 ministries and commissions including the Ministry of Science and Technology of the People's Republic of China, the National Development and Reform Commission, the Ministry of Railways of the People's Republic of China, the Ministry of Transport of the People's Republic of China, the Ministry of Agriculture of the People's Republic of China, and the Ministry of Health of the People's Republic of China, and many provinces and municipalities. In the recent five years, over 100 papers and 10 monographs and textbooks have been published on the academic journals at home and abroad. After ten years of development, the specialty has become domestically advanced and formed distinct characteristics in technological innovation, science and technology statistics, technological evaluation and entrepreneurial management. It has established close communications and cooperation with institutions of higher learning at home and abroad, including University of Toronto, Tohoku University, University of Manchester, and Ritsumeikan University.