

华北电力大学（留学生）英语授课

North China Electric Power University (International Student) Taught in English

工商管理一级学科硕士学位研究生培养方案

Training Program for Postgraduates in First-level Discipline of Business Administration

（学科代码：1202 授予管理学硕士学位）

(Discipline Code: 1202, Degree: Master Degree of Management)

一、学科简介

I. Brief Introduction to the Discipline

“工商管理”一级学科博士点于 2011 年 3 月获国务院学位办授权。设有博士后流动站，第四轮学科评估中“工商管理”学科排名位列 B+。我校该学科设“技术经济及管理”、“企业管理”与“会计学”等二级学科硕士点。其中“技术经济及管理”二级学科于 1998 年 10 月获得国务院学位办授权，是北京市和河北省的省部级重点学科，学科核心专业工商管理为国家级和北京市特色专业，由华北电力大学经济与管理学院承担培养任务。

The doctoral program of the first-level discipline of Business Administration was authorized by the Office of Academic Degrees Commission under the State Council in March 2011. A post-doctoral research program is established. In the fourth round of discipline evaluation, the discipline of Business Administration was rated as B+. Our university has been authorized to award the master degree of the second-level disciplines such as Technical Economy and Management, Enterprise Management and Accounting. Among them, the second-level discipline of Technical Economy and Management was authorized by the Office of Academic Degrees Commission under the State Council in October 1998. It is a provincial and ministerial key discipline in Beijing and Hebei Province. Business Administration, the core major of the discipline, is a characteristic specialty of China and Beijing, the training tasks of which are undertaken by the School of Economics and Management of North China Electric Power University.

长期以来我校该学科利用技术经济及管理、企业管理及会计学的理论致力于解决国民经济建设，尤其是电力行业急需的重大工商管理问题，在预测与评价理论及应用、电力市场理论与应用、电力经济及技术创新管理、企业战略与运营管理、人力资源管理、市场研究与营销决策、会计理论与方法、财务管理理论与应用、审计理论与实务、能源互联网与综合能源系统运营管理等方面开展了卓有成效的研究，形成了鲜明的电力与能源特色。

For a long time, the discipline of our university has been making use of the theories of technical economy and management, enterprise management and accounting to solve the major industrial and commercial management problems urgently needed by the national economic

construction, especially the electric power industry; carried out fruitful research on Theory and Application of Prediction and Evaluation, Theory and Application of Electric Power Market, Management of Electric Power Economy and Technological Innovation, Enterprise Strategy and Operation Management, Human Resource Management, Market Research and Marketing Decision-making, Accounting Theory and Method, Theory and Application of Financial Management, Audit Theory and Practice, Energy Internet and Operation Management of Integrated Energy System and other aspects, forming distinct characteristics of electric power and energy.

学科团队先后获得国家社会科学基金重大项目,教育部人文社科研究项目重大课题攻关项目,“中国绿色电力发展研究创新引智基地”(“111计划”引智基地)多项国家自然科学基金、国家社科基金等省部级以上纵向项目,多项国家级教学成果二等奖和省部级科研及教学成果奖。该学科师资涵盖了获得长江学者特聘教授,国务院特殊津贴,新世纪优秀人才支持计划,百千万人才工程等称号的教授学者,已经造就了一支学术水平高、骨干年轻化、梯队结构合理、科研力量雄厚的学术队伍。具备培养技术经济及管理专业博士研究生的各项条件,在技术经济及管理领域具有雄厚的实力和完备的学科体系,是为电力、能源工业及地方建设培养高级技术经济管理人才的摇篮。

The team of the discipline has successively obtained major projects of the National Social Science Fund of China, key projects of important subjects of the research program of the humanities & social sciences of the Ministry of Education, "Research, Innovation and Talent Introduction Base of Green Electric Power Development in China" (the talent introduction base of "111 Plan"), a number of government sponsored research projects of National Natural Science Foundation of China, the National Social Science Fund of China and at the provincial and ministerial levels, a number of second prizes in national teaching achievements and scientific research and teaching achievements at provincial and ministerial level. The discipline has a teaching team consisting of distinguished professors and scholars being awarded the title of the "Yangtze River Scholar", enjoying the Special Allowance of the State Council, and being listed in the New Century Excellent Talents Supporting Plan and the National Hundred, Thousand and Ten Thousand Talents Project. An academic team with high academic level, younger backbones, reasonable structure and strong scientific research capability has been created. It has various conditions required for training doctoral students majoring in Technical Economy and Management, and has strong strength and complete discipline system in the field of Technical Economy and Management. It is the cradle of training senior talents in Technical Economy and Management for electric power and energy industries and local construction.

二、培养目标

II. Training Objectives

1. 培养对中国有良好认知,理解中国社会主流价值观,具有相应的中文语言能力,具

备一定跨文化胜任力和全球胜任力,在所在学科具有相当专业知识和学术能力的国际化人才。

1. Cultivate international talents who have a good understanding of China, understand the mainstream values of Chinese society, have corresponding Chinese language skills, have certain cross-cultural and global competencies, and have considerable professional knowledge and academic abilities in their disciplines.

2. 具备扎实的管理学基础理论,善于运用管理学的理论和方法分析、研究工商管理理论或现实问题,具有从事工商管理实践工作的能力,并展现一定的创新创业能力。

2. Have a solid basic theory of management, properly use the theories and methods of management to analyze and study the theoretical or practical problems of business administration, have the ability to engage in the practical work of business administration, and show a certain ability of innovation and entrepreneurship.

三、研究方向

III. Research Direction

工商管理学科是一门以社会微观经济组织为主要研究对象,系统地研究其管理活动及决策的一般方法和普遍规律的科学,它以经济学和行为科学等为理论基础,以统计学、运筹学等数理分析方法和案例研究方法为分析手段,以企业的公司治理、生产运营、物流配送、组织行为与人力资源、财务与会计、市场营销与品牌创建、管理信息系统与互联网技术应用、技术创新与管理、战略管理、服务管理等职能管理为主要研究领域,探讨和研究企业内部产品或服务设计、采购、生产、运营、投资、理财、营销、战略发展等管理决策的形成过程、特征和相互关系,以及企业作为一个整体与外部环境之间的相互关系,并从中归纳和总结出旨在提高企业经营管理效率和社会效益的管理原理、管理规律以及管理方法和技术。

The discipline of Business Administration is a science that systematically studies the general methods and general laws of management activities and decision making of micro-economic organizations in the society. It uses economics and behavioral science as theoretical basis, uses statistics, operations research and other mathematical analysis methods and case study methods as analytical means, and takes corporate governance, production and operation, logistics and distribution, organizational behaviors and human resources, finance and accounting, marketing and brand building, management information system and Internet technology application, technological innovation and management, strategic management, service management and other functional management fields of enterprises as main areas of research, so as to explore and study the formation process, characteristics and interrelations of management decisions of in-house product or service design, procurement, production, operation, investment, financial management, marketing and strategic development, and the interrelation between the enterprise as a whole and the external environment, and sum up to the management principles, management laws and management methods and technologies aiming to improve the efficiency of enterprise operation and management and social benefits.

本校工商管理一级学科硕士研究生设置 10 个研究方向:

There are 10 research directions for postgraduates of the first-level discipline of Business Administration in our university:

1. 预测与评价理论及应用

1. Theory and Application of Prediction and Evaluation

本方向注重培养学生对项目进行技术经济分析与综合评价的能力,要求掌握国内外技术经济评价的理论与应用概况,并熟悉电力行业,如电力建设、电力投资和金融、发电、供电、输变电以及所属多经企业的生产运营情况,对各类项目,尤其是电力工程项目等的技术经济问题能进行科学的评价与分析,开展区域经济需求预测、电力负荷预测、电网规划、工程概预算分析、工程造价分析等工作。

This direction focuses on cultivating students' abilities to carry out technical and economic analysis and comprehensive evaluation of a project, and requires students to master the theories of technical and economic evaluations at home and abroad and their application, and be familiar with the electric power industry, such as electric power construction, electric power investment and finance, power generation, power supply, power transmission and transformation, as well as the production and operation of related multi-business enterprises, scientifically evaluate and analyze the technical and economic problems of all kinds of projects, especially electric power engineering projects, and carry out regional economic demand forecasting, power load forecasting, power grid planning, project budget analysis, project cost analysis and so on.

2. 电力市场理论与应用

2. Theory and Application of Electricity Market

本方向注重培养学生电力市场理论和应用的实践能力,熟悉电力行业,如发电、供电、输变电、电力销售等生产运营过程,电力市场运营实务和政策、法规,能够以国际视角,基于中国国情进行电力市场相关的管理和决策。

This direction focuses on cultivating students' practical abilities to master the theory and application of electricity market, be familiar with the electric power industry, such as power generation, power supply, power transmission and transformation, electricity sales and other production and operation processes, as well as operation practices, policies and regulations of electricity market, and manage and make decisions related to the electricity market from an international perspective, based on China's national conditions.

3. 电力经济及技术创新管理

3. Management of Electric Power Economy and Technological Innovation

本方向注重培养学生的电力经济管理、技术创新、技术进步与可持续发展的理论和实践能力,了解电力工业在国民经济中的地位及所属多经企业的生产运营与相关的税收政策和法规等,有能力综合运用经济管理理论,以国际视角,基于中国的国情,科学预测与确定电力

工业与企业的市场需求、电力供给、电力价格、可持续发展、工程建设投融资、造价、项目评估、工程保险和担保、建设决策与优化、后评价等经济管理问题，运用技术进步与可持续发展理论进行实证分析。

This direction focuses on cultivating students' abilities to master theories and practices in electric power economic management, technological innovation, technological progress and sustainable development, understand the position of the electric power industry in the national economy, the production and operation of related multi-business enterprises as well as the relevant tax policies and regulations, comprehensively apply economic management theories, scientifically forecast and determine such economic management issues as market demand, power supply, electricity price, sustainable development, investment and financing of engineering construction, construction cost, project evaluation, engineering insurance and guarantee, construction decision-making and optimization, and post-evaluation of the electric power industry and enterprises from an international perspective, based on China's national conditions, and use the theories of technological progress and sustainable development to make an empirical analysis.

4. 企业战略与运营管理

4. Enterprise Strategy and Operation Management

本方向主要培养学生研究和解决企业整体经营管理问题的方法和能力，培养学生的企业经营的大局意识和长远眼光。本方向主要研究内容包括：企业决策、战略与计划的设计与实施、企业文化建设、执行力建设、企业运营模式和商业模式管理、危机管理、安全管理、生产管理、创业策划等。

This direction focuses on cultivating students' abilities to study and solve the problems of the overall operation and management of enterprises, and have overall consciousness and a long-term vision for enterprise operation. The main research contents of this direction include: enterprise decision-making, design and implementation of strategy and plan, corporate culture construction, executive capacity construction, enterprise operation modes and business model management, crisis management, safety management, production management, entrepreneurial planning and so on.

5. 人力资源管理

5. Human Resource Management

本方向主要培养学生人力资源管理理论与方法的应用能力，学生应该掌握企业人力资源管理体系设计的系统理论与方法，具有从事工作分析与岗位评价、人力资源规划、劳动关系管理、招聘管理、薪酬管理、绩效管理体系等核心模块的设计与管理工作的能力以及管理创新意识 and 能力，能够帮助企业进行人力资源管理体系整合与方法提升，实现企业人力资源管理的价值最大化。本方向强调对学生人力资源管理实践能力的培养和训练。

This direction focuses on cultivating students' abilities to apply the theories and methods of human resource management. Students shall master the systematic theories and methods of the design of enterprise human resource management system, equip with the abilities of design and manage core modules such as job analysis and job evaluation, human resource planning, labor relations management, recruitment management, salary management and performance management system, manage innovation consciousness, help enterprises to integrate human resource management system and improve methods, and maximize the value of enterprise human resource management. This direction focuses on the cultivation and training of students' practical ability of human resource management.

6. 市场研究与营销决策

6. Market Research and Marketing Decision-making

本方向注重培养学生运用定量分析手段来解决企业经营决策问题的能力,研究生应系统掌握一般企业管理理论和市场营销理论,熟练掌握数据分析等定量研究方法。通过市场调研、数据挖掘等方法来获取并分析社会经济和企业经营数据,应用管理学、经济学和市场营销等企业管理理论模型来解决企业的实际问题,为企业战略制定、生产运营管理和营销决策等提供科学支撑。

This direction focuses on cultivating students' abilities to solve problems of enterprise management decision-making by means of quantitative analysis. Postgraduate students shall systematically master general theory of business management and marketing theory, be proficient in quantitative research methods such as data analysis. To obtain and analyze socio-economic and business operating data through market research, data mining and other methods, apply theoretical models of enterprise management such as management, economics and marketing to solve practical problems of enterprises, and provide scientific support for enterprise strategy formulation, production and operation management and marketing decision-making.

7. 会计理论与方法

7. Accounting Theory and Method

本方向注重培养学生会计理论素质和会计实践动手能力,并熟悉电力行业包括发电、供电、输变电、电力建设、电力投资和金融以及所属多经企业的会计实务和政策、法规。培养学生的国际化视野,对美国、国际会计的做法有较为细致全面的了解和对比,具备一定的外语账务处理能力以及报表分析实践能力。培养学生的税法理解能力、纳税申报及筹划能力,尤其熟悉电力行业税务活动,并能够以国际视角进行公司的全球税务安排。

This direction focuses on cultivating students' abilities to master accounting theories and practices, and be familiar with the electric power industry, including power generation, power supply, power transmission and transformation, electric power construction, electric power investment and finance, as well as the accounting practices, policies and regulations of related

multi-business enterprises. Students should have an international vision, have a more detailed and comprehensive understanding and comparison of American and international accounting practices, equip with the abilities of processing accounting affairs in foreign language and analyze statements. Understand tax law, tax return and planning, especially be familiar with tax activities in the electric power industry, and make global tax arrangements of the company from an international perspective.

8. 财务管理理论与应用

8. Theory and Application of Financial Management

本方向注重培养学生的财务管理理论和管理实践能力,并熟悉电力行业,如发电、供电、输变电、电力建设、电力投资和金融以及所属多经企业的融资、投资、公司财务控制等实务和政策、法规。能够以国际视角进行相关的管理和决策,对集团公司的财务管理也有相当的了解和造诣;注重培养学生对电力企业的财务管理,如发电、供电、输变电、电力建设、电力投资和金融以及所属多经企业的融资、投资、公司财务控制等实务和政策、法规,熟悉电力企业财务管理的特点、要求,对电力集团公司财务管理也有全面的理解和造诣,能够以国际视角进行相关的管理和决策。

This direction focuses on cultivating students' abilities to master theories and practices of financial management, and be familiar with the electric power industry, including power generation, power supply, power transmission and transformation, electric power construction, electric power investment and finance, as well as the practices, policies and regulations of financing, investment and corporate financial control of related multi-business enterprises. Students are required to conduct relevant management and decision-making from an international perspective, and have considerable understanding and attainments in the financial management of group companies; manage the financial affairs of electric power enterprises, such as power generation, power supply, power transmission and transformation, electric power construction, electric power investment and finance, as well as the practices, policies and regulations of financing, investment and corporate financial control of related multi-business enterprises; be familiar with the characteristics and requirements of the financial management of electric power enterprises, have comprehensive understanding and attainments in the financial management of electric power companies, and conduct relevant management and decision-making from an international perspective.

9. 审计理论与实务

9. Audit Theory and Practice

本方向注重培养学生的审计素质和实践能力,特别是公司内部审计和CPA的审计实务,了解国家审计特点和相关审计准则,尤其要熟悉电力行业,如发电、供电、输变电、电力建设、电力投资和金融以及所属多经企业的内部审计制度、对象和方法,以及相应的政策、法

规，对内部控制也要有专门的研究和探讨，并对国际审计准则和美国的审计实践有一定的了解，初步了解国际 4 大的业务。

This direction focuses on cultivating students' audit quality and practical ability, especially internal audits of companies and CPA audit practices. Students shall understand the characteristics of national audit and relevant audit standards, especially be familiar with the electric power industry, including power generation, power supply, power transmission and transformation, electric power construction, electric power investment and finance, as well as the internal audit systems, objects and methods of related multi-business enterprises, corresponding policies and regulations. They shall also have special research and discussion on internal control, have a certain understanding of international audit standards and American audit practices, and have a preliminary understanding of the businesses of the “Big Four”.

10. 能源互联网与综合能源系统运营管理

10. Energy Internet and Operation Management of Integrated Energy System

该方向主要研究能源互联网中冷、热、电、气等多品位能源的互补理论与方法，源-网-荷-储多环节的协同优化理论与方法；研究综合能源系统的规划优化理论与方法，运行优化理论与方法，市场交易理论与方法，效益评估理论与方法，综合能源系统投资与风险管理方法，运营管理方法，综合能源服务关键技术；研究能源互联网与综合能源系统的商业模式，能源市场与价格等以及能源互联网与综合能源系统发展所涉及的能源政策、战略及发展路径等。

This direction focuses on the complementarity theory and method of cold, heat, electricity, gas and other multi-grade energy types in the energy Internet; the collaborative optimization theory and method of multiple links of source-grid-load-storage; the planning optimization theory and method of the integrated energy system, operation optimization theory and method, market transaction theory and method, benefit evaluation theory and method, integrated energy system investment and risk management method, operation management method, key technologies of integrated energy service; business model of the energy Internet and integrated energy system, the energy market and price, as well as the energy policies, strategies and development paths involved in the development of energy Internet and integrated energy system.

四、培养方式

IV. Training Method

1. 硕士生的培养方式为导师负责制，导师是研究生培养第一责任人，要了解掌握研究生的具体状况，将专业教育与日常教育有机融合，既作学业导师，又作人生导师，严格要求学生遵守科学道德和学术规范。提倡按二级学科组成导师指导小组集体培养。对跨学科或交

叉学科以及与有关研究部门、企业联合培养研究生时，应从相关学科及有关单位中聘请具有高级职称的有关人员进入导师指导小组协助指导。导师指导小组要负责审查研究生的文献综述与选题报告、论文中期检查以及论文预答辩等培养环节的工作完成情况。

1. The postgraduate training implements supervisor responsibility system, the supervisor is the person of primary responsibility for postgraduate training. The supervisor shall understand and master the specific condition of postgraduates and organically integrate professional education with daily education both as academic mentors and life mentors. The supervisor should also strictly require students to abide by scientific ethics and academic norms. Advocate composing the supervisor steering group for collective cultivation according to the second-level disciplines. For interdisciplinary or cross-disciplinary training or training in conjunction with relevant research departments and enterprises, relevant personnel with senior professional titles shall be recruited from relevant disciplines and relevant units to assist in supervisor steering groups. The supervisor steering group is responsible to inspect the student's completion status of the literature review and thesis proposal, mid-term review and pre-defense of dissertation.

2. 导师应根据培养方案的要求，多方面了解所指导的硕士生的知识结构、学术特长、研究兴趣、能力基础等具体情况，据此制定出研究生个人培养计划，并督促检查其实施情况。

2. The supervisor should acknowledge the knowledge structure, academic skills, research interests, and abilities of the master candidates according to the requirement of the training scheme, based on which to formulate a training plan for individual graduate student and supervise the implementation according to the plan.

3. 硕士研究生的培养采用课程学习与科学研究并重的方式。既要使硕士生掌握坚实的基础理论和系统的专业知识，又要培养研究生掌握科学研究或独立担负设计、管理等方面工作的能力。

3. The training of postgraduates adopts the way of attaching equal importance to course learning and scientific research. It is necessary to make postgraduates master solid basic theory and systematic professional knowledge and cultivate postgraduates' ability to undertake scientific research or design and management work independently.

4. 导师应指导研究生学习有关课程，指导学位论文选题，检查科学研究进展情况，帮助解决科研中的困难，适时地指导研究生撰写论文，认真审阅学位论文，切实把好研究生的培养质量关。

4. The supervisor should guide postgraduates to study relevant courses, guide the topic selection of the degree thesis, check the progress of scientific research, help them solve the difficulties in scientific research, timely guide postgraduates to write the thesis, carefully review the degree thesis, and ensure the training quality of postgraduates.

五、学制与学习年限

V. Educational System and Duration of the Program

学制 3 年，学习年限 2-4 年。

The educational system is 3 years, and the duration of the program is 2-4 years.

六、课程设置与学分要求

VI. Curriculum and Credit Requirements

硕士生的课程学习实行学分制。要求各学科硕士生应修满的学分数为：总学分应不少于 32 学分，其中学位课不少于 22 学分。课程体系框架如下：

The course study of postgraduates implements credit system. The total credits should be no less than 32 credits, including no less than 22 credits for degree courses. The curriculum framework is as follows:

1. 学位课（不少于 22 学分），其中：

1. Degree courses (no less than 22 credits), of which:

(1) 公共课：10 学分。

(1) Public courses: 10 credits.

汉语综合(1)：4 学分(64 学时)；

Chinese Comprehension (1): 4 credits (64 class hours);

汉语综合(2)：4 学分(64 学时)；

Chinese Comprehension (2): 4 credits (64 class hours);

中国概况(英文)：2 学分(32 学时)。

Introduction to China (English): 2 credits (32 class hours);

(2) 数学基础课或基础理论课：不少于二门课程，4 学分。

(2) Basic mathematics courses or basic theoretical courses: No less than 2 courses, 4 credits.

(3) 学科基础课：按一级学科设置，不少于 4 学分。

(3) Basic courses of disciplines: Set up according to the first-level discipline, no less than 4 credits.

(4) 学科专业课：按一级或二级学科设置，不少于 4 学分。

(4) Specialized courses of disciplines: Set up according to the first-level or second-level discipline, no less than 4 credits.

2. 必修课程与必修环节（6 学分），其中：

2. Compulsory courses and required links (6 credits), of which:

(1) 研究生科学道德与学术规范：1 学分。

(1) Scientific Ethics and Academic Norms for Postgraduates: 1 credit;

(2) 专题课程/seminar 课程：1 学分。

(2) Program Course/Seminar Course: 1 credit.

专题课程/seminar 课程结合本领域学术前沿和研究生学位论文的选题进行设置。课程可

采用教师讲授与研究生研讨相结合的方法进行学习。

Program course/seminar course shall be set up in combination with the academic frontiers in this field and the topic of master dissertation. The courses can be conducted by the combination of professor teaching with postgraduate discussion.

专题课程在研究生学位论文阶段完成。

The program course should be completed in the process of master dissertation.

(3) 实践环节：1 学分。

(3) Practice Links: 1 credit.

实践环节包括实验教学、专业生产实践以及教学实践等。在第二、第三学期各院（系）及导师应安排研究生参加实践，如讲授大学本科课程的部分章节，参与指导课程设计、实习、实验、辅导答疑、课堂讨论等教学环节，或结合科研课题到生产单位参加调研或项目研发等实践工作，总工作量应达到 80 学时或 10 个工作日。

The practice links include experimental teaching, professional production practice and teaching practice, etc. In the second and third semesters, schools (departments) and supervisors shall arrange postgraduates to participate in practice. For example, teach some chapters of undergraduate courses, guide curriculum design, take an internship, do experiments, supervise and answer questions, and participate in classroom discussion and other teaching links, or participate in practical work such as research or project research and development in the production unit in combination with scientific research tasks. The total workload shall reach 80 class hours or 10 working days.

学院根据各学科特点和人才培养目标，依托本学科重点实验室、实践教学基地等开设具有特定主题的系列实验课或以实验为主的专题课；或与学科应用技术相关的硬件、软件设计或系统设计；或在本学科重点实验室、实践教学基地等进行工程设计、实验设备安装调试或协助实验室教师指导本科生完成实验教学等实验工作，以提高研究生的科研实践能力。

The school shall set up a series of experimental courses or experiment-based seminars with specific topics according to the characteristics of each discipline and the goal of personnel training and relying on the key laboratories and practical teaching bases of the discipline; or set up hardware and software design or system design related to the applied technologies of the discipline; or carry out engineering design, installation and debugging of experimental equipment in key laboratories and practical teaching bases of this discipline, or assist laboratory teachers to guide undergraduates to complete experimental teaching, so as to improve the practical ability of postgraduates in scientific research.

(4) 学术活动：1 学分，要求硕士生至少参加 6 次学术报告。

(4) Academic Activities: 1 credit, postgraduates are required to participate in at least 6 academic reports.

(5) 文献综述与开题报告：1 学分。

(5) Literature Review and Thesis Proposal: 1 credit.

(6) 论文中期检查: 1 学分。

(6) Mid-term Review of the Thesis: 1 credit.

3. 非学位选修课:

3. Non-degree optional courses:

学生根据本人情况,可选修其他学科专业课和研究生课程目录上的课程,使总学分不少于 32 学分。

Postgraduates can take specialized courses of other disciplines and courses in the catalog of postgraduate courses according to their own situation, and the total credits shall not be less than 32 credits.

学士阶段非本学科的硕士生应补修由导师指定的若干本学科学士阶段主干课程。补修课程不计入总学分。

Postgraduates who are not in their own disciplines at the bachelor stage should take several major courses of bachelor stage of the disciplines designated by their supervisors. Supplementary courses are not included in the total credit.

具体课程设置见附表。

For the specific curriculum, please refer to the Schedule.

七、科学研究与学位论文要求

VII. Requirements for Scientific Research and Degree Thesis

科学研究与学位论文工作是研究生培养的重要组成部分,是培养硕士研究生独立思考、勇于创新的精神和从事科学研究或担负专门技术工作能力的重要手段。硕士研究生应在导师指导下独立完成硕士学位论文工作。

Scientific research and degree thesis are important parts of postgraduate training, and important ways to cultivate postgraduates' independent thinking, innovative spirit and the ability to undertake scientific research or specialized technical work. Postgraduates should independently complete the master dissertation under the guidance of their supervisors.

1. 文献综述与开题报告

1. Literature review and thesis proposal

硕士生入学后应在导师指导下,查阅文献资料,了解学科现状和动态,尽早确定课题方向,完成论文选题。学位论文的选题一般应结合本学科的研究方向和科研项目,鼓励面向国民经济和社会发展的需要选择应用型课题。确定学位论文工作的内容和工作量时应全面考虑硕士研究生的知识结构、工作能力和培养年限等方面的特点。

After the enrollment, postgraduates should consult the literature, understand the current situation and trends of the discipline, determine the research direction as soon as possible, and

complete the topic selection of the thesis under the guidance of their supervisors. The topic selection of degree thesis should generally be combined with the research direction and scientific research projects of this discipline, and the selection of applied topics meeting the needs of national economic and social development is encouraged. When determining the content and workload of the degree thesis work, the supervisor should fully consider the knowledge structure, work abilities and training duration of postgraduates.

硕士开题由学院统一组织。全日制学术型硕士研究生的开题时间一般安排在硕士生入学后第 2 学期的期末前进行。

The thesis proposal is uniformly organized by the school. For full-time academic postgraduates, the time for submitting thesis proposal is generally arranged before the end of the second semester after admission.

选题报告应不少于 5000 字（不含图表），其内容主要包括：课题的意义、国内外关于该课题的研究现状及发展趋势、论文的基本构思、研究方法、计划进度、预期目标及成果和主要参考文献等，选题报告中引用的外文文献应不少于十五篇。

The thesis proposal shall be no less than 5,000 words (excluding charts), with the main contents including: the significance of the topic, the current research status and development trend of the topic at home and abroad, the basic conception of the thesis, the research methods, the schedule, the expected objectives and achievements, and the main references, etc. No less than fifteen foreign documents shall be cited in the thesis proposal.

选题报告会由以硕士生导师为主体组成的审查小组（3 至 5 人组成）评审。选题报告会应吸收有关导师和研究生参加，跨学科的论文选题应聘请相关学科的导师参加。

The thesis proposals shall be reviewed by a review team (3-5 members) dominated by master supervisors. The topic selection meeting should be attended by relevant supervisors and postgraduates, and supervisors of relevant disciplines should be invited to participate in the meeting for topic selection of interdisciplinary theses.

若学位论文选题有重大变动，应重做选题报告。评审通过后的选题报告，应以书面形式交研究生院备案。

If there is a major change in the topic of the degree thesis, the topic selection report should be carried out once again. The thesis proposal after passing the review shall be submitted in writing to the Graduate School for the record.

文献综述与开题报告通过者给予 1 学分。

Those who pass the literature review and thesis proposal review shall be given 1 credit.

对文献综述与开题报告工作的具体要求见《华北电力大学学术学位硕士研究生必修环节实施细则》。

For the specific requirements of literature review and thesis proposal, please refer to the Detailed Rules for the Implementation of Required Links for Postgraduates with Academic Degrees in North China Electric Power University.

2. 论文中期检查

2. Mid-term review of the thesis

全日制学术型硕士研究生的学位论文中期检查一般在第四学期末完成,申请提前毕业的全日制学术型研究生要求在第三学期末完成。中期检查的主要内容为:论文工作是否按开题报告预定的内容及进度进行;已完成的研究内容及结果;目前存在的或预期可能会出现的问题;论文按时完成的可能性等。

The mid-term review of full-time academic master dissertation is usually completed at the end of the fourth semester, and full-time academic postgraduates applying for early graduation are required to complete it at the end of the third semester. The main contents of the mid-term review include whether the thesis work is consistent with the contents and schedule of the thesis proposal; the completed research contents and results; the existing or expected problems; and the possibility of completing the dissertation on time.

论文中期检查通过者给予 1 学分。

Those who pass the mid-term review of the dissertation shall be given 1 credit.

对中期检查的具体要求见《华北电力大学学术型硕士研究生必修环节实施细则》。

For the specific requirements of mid-term review, please refer to the Detailed Rules for the Implementation of Required Links for Postgraduates with Academic Degrees in North China Electric Power University.

3. 学术论文发表与科研成果要求

3. Requirements of academic papers and research achievements

硕士生在校期间应积极参加本学科的国内外学术交流活动、撰写和发表学术论文,学位论文要有明显的理论创新和实践应用性。硕士研究生在论文答辩前必须达到以下条件之一,方可参加学位论文答辩:

During their school period, postgraduates shall actively participate in the academic exchange activities at home and abroad of their disciplines, write and publish academic papers with theoretical innovation and practical application. A master's degree candidate can only participate in the thesis defense after meeting one of the following conditions:

(1) 理论创新:以第一作者身份(如果是第二作者,其导师必须是第一作者)在国内权威期刊(权威期刊解释具体根据学院和本学科要求制定)或北大核心期刊(依据论文发表时北京大学出版的《中文核心期刊要目总览》)或南大核心期刊(CSSCI)、科技核心期刊(CSCD)(扩展版除外)或能源、工程、管理、经济等领域国际重要期刊(被 SCI、SSCI、EI 收

录并检索,会议转期刊的、开源期刊和摘要检索除外)以上或华北电力大学出版的 4 个期刊:学报(自然版)、学报(社科版)、现代电力、电力科学与工程,正式发表 1 篇及以上学术论文(网络见刊需导师签字),论文认定以发表时间为准。实践应用性:参与了实际的科研项目并得到了相关领导的批示或者部门的采纳。

(1) Theoretical innovation: Officially publish 1 or more academic papers (the supervisor's signature is required for papers published online) in the domestic authoritative journals (the interpretation of authoritative journals is subject to the requirements of their schools and disciplines) or the core journals of Peking University (based on the Overview of Chinese Core Journals published by Peking University at the time of paper publication), the core journals of Nanjing University (CSSCI), core journals of science and technology (CSCD) (except for the extended version), international important journals in the fields of energy, engineering, management, economics, etc. (included and searched in SCI, SSCI and EI, except for journals of conference articles, open access journals and journals included in abstract search) and four journals published by the North China Electric Power University: Journal of North China Electric Power University (Natural Science Edition), Journal of North China Electric Power University (Social Science Edition), Modern Electric Power and Electric Power Science and Engineering in the name of the first author (or the supervisor as the first author and the graduate student as the second author). The identification of the papers is subject to the time of publication. Practical application: Participate in the actual scientific research projects approved by relevant leaders or adopted by related departments.

(2) 研究生的学位论文工作成果(署名华北电力大学)获得省部级三等及以上奖励一项。

(2) The postgraduate has won a third prize or above at the provincial and ministerial level for his/her dissertation work results (with North China Electric Power University being the author affiliation).

(3) 硕士生的学位论文工作成果(华北电力大学作为署名单位之一)获得省部级及以上科技成果鉴定 1 项,或获得国家领导人、省部级领导批示、采纳 1 项,相当于国内权威期刊论文 1 篇。

(3) The postgraduate's dissertation work result (with North China Electric Power University being one of the author affiliations) has been certified as a scientific and technological achievement at provincial and ministerial level or above, or obtained approval and adoption of state leaders and provincial and ministerial leaders, which is equivalent to one authoritative journal thesis.

所有申请学位人员,在学期间所发表的与学位论文相关的学术论文,其署名单位必须是华北电力大学。

All academic papers related to degree theses published by degree applicants during their school period must be affiliated with North China Electric Power University.

4. 学位论文要求

4. Degree thesis requirements

硕士学位论文是硕士生科学研究工作的全面总结，是描述其研究成果、反映其研究水平的重要学术文献资料，是申请和授予硕士学位的基本依据。学位论文撰写是硕士生培养过程的基本训练之一，必须按照规范认真执行，具体要求见《华北电力大学学术硕士学位论文撰写规范及范例》。

Master dissertation is a comprehensive summary of postgraduates' scientific research work, is an important academic literature that describes their research results and reflects their research level, and is the basis for applying for and awarding master's degrees. Degree thesis writing is one of the basic training in the training process of postgraduates, which must be carried out conscientiously in accordance with the norms. For specific requirements, please refer to Norms and Examples for the Writing of Academic Master Dissertation in North China Electric Power University.

5. 学位论文评审与答辩

5. Review and defense of degree thesis

学校集中进行硕士研究生论文的评审与答辩工作。研究生在论文工作完成后，须向所在院系提交论文答辩申请，相关部门要对研究生的答辩资格进行审查，审查通过方可进入论文评审与答辩程序。未通过答辩资格审查的硕士生不得进行论文答辩。

The review and defense of master dissertation shall be conducted in an intensive manner. Postgraduates should submit the application for thesis defense to their departments after the completion of the thesis work, and the relevant departments shall examine the postgraduates' defense qualification and they are allowed to enter the thesis review and defense procedure only after they pass the examination. Postgraduates who fail to pass the examination of their qualification for defense shall not defense to their theses.

硕士学位论文的评审与答辩按照《华北电力大学研究生学位论文评审和答辩的有关规定》、《华北电力大学学位授予工作细则》等相关规定进行。毕业生的答辩时间一般安排在6月，延期毕业和提前毕业的研究生的答辩时间一般安排在6月或12月。

The review and defense of master dissertation shall be carried out in accordance with the Relevant Provisions on the Review and Defense of Master Dissertation of North China Electric Power University and the Detailed Rules of Degree Awarding of North China Electric Power University. The defense time for postgraduates is generally arranged in June, while that for postgraduates of postponed graduation and early graduation is generally arranged in June or December.

八、提前毕业条件

VIII. Conditions for Early Graduation

1. 硕士生提前完成培养计划中规定的课程学习、论文工作及其它培养环节，可提出进行学位论文答辩的申请，经经济与管理学院批准后，可提前答辩和申请学位。学习年限不得少于 2 年。

1. Postgraduate who have completed the course study, thesis work and other training links stipulated in the training plan in advance may apply for thesis defense. After being approved by the School of Economics and Management, they can defend and apply for a degree in advance. The duration of program shall not be less than 2 years.

2. 至少发表 2 篇论文（网络见刊需导师签字），应满足如下要求：被 SCI/SSCI 检索的期刊；能源、工程、管理、经济四个领域被 EI 检索的期刊；国内权威期刊（权威期刊解释具体根据学院和本学科要求制定），论文认定以发表时间为准。

2. Publish at least 2 papers (the supervisor's signature is required for papers published online), which shall meet the following requirements: journals that can be searched in SCI/SSCI; journals that can be searched in EI in the fields of energy, engineering, management and economics; domestic authoritative journals (the interpretation of authoritative journals is subject to the requirements of their schools and disciplines). The identification of the papers is subject to the time of publication.

3. 由学院安排论文盲审，三份盲审论文的评阅意见均为“同意”，并且所有评阅成绩在 80 分以上，平均成绩在 85 分及以上。

3. 3 papers have passed the blind review arranged by the school, with all marks scored above 80, and an average score of 85 and above.

附表：工程管理一级学科学术学位硕士研究生培养方案（留学生）课程设置表（英语授课）

**Schedule:Curriculum (Taught in English) of Training Program for Postgraduates
(International Student) in First-level Discipline of Business Administration**

类别 Category	课程名称 Course name	学时 Class hour	学分 Credit	考核方式 Assessment mode	学期 Semester	备注 Remarks
学位课 不少于 22 学分 Degree courses (No less than 22 credits)	10 学分 10 credits 公共课 Public courses	汉语综合(1) Chinese Comprehension (1)	64	4	考试 Exam	1
		中国概况(英文) Introduction to China (English)	32	2	考试 Exam	1
		汉语综合(2) Chinese Comprehension (2)	64	4	考试 Exam	2
	不少于 4 学分 No less than 4 credits 基础理论课 Basic theoretical courses	应用统计学 Applied Statistics	32	2	考试 Exam	1
		管理运筹学 (二) Managerial Operations Research (2)	32	2	考试 Exam	1
		模糊数学 Fuzzy Mathematics	32	2	考试 Exam	1
		数据、模型与决策 Data, Models and Decisions	32	2	考试 Exam	1
		现代管理理论 Modern Management Theory	32	2	考试 Exam	1
	不少于 4 学分 No less than 4 credits 学科基础课 Basic courses of disciplines	中级微观经济学 Intermediate Microeconomics	32	2	考试 Exam	1
		中级宏观经济学 Intermediate Macroeconomics	32	2	考试 Exam	2
		中级计量经济学 Intermediate Econometrics	32	2	考试 Exam	2
		技术经济评价理论与方法 Theory and Method of Technical and Economic Evaluation	24	1.5	考试 Exam	2
		创业策划理论与方法 Theory and Method of Entrepreneurial Planning	24	1.5	考试 Exam	1
		现代营销学 Modern Marketing	32	2	考试 Exam	1
		会计理论 Accounting Theory	24	1.5	考试 Exam	1
	不少于 4 学分 No less than 4 credits 学科专业课 Specialized courses of disciplines	专业英语 Specialty English	16	1	考试 Exam	
		创新能力与素养 Innovation Ability and Accomplishment	24	1.5	考试 Exam	1
		技术创新管理 Technological Innovation Management	32	2	考试 Exam	2
		人力资源管理体系设计 Design of Human Resource Management System	24	1.5	考试 Exam	1
		薪酬与绩效管理 Compensation and Performance Management	32	2	考试 Exam	1
		信息管理与决策支持 Information Management and Decision Support	24	1.5	考试 Exam	1

类别 Category	课程名称 Course name	学时 Class hour	学分 Credit	考核方式 Assessment mode	学期 Semester	备注 Remarks
	工程项目管理理论与应用 Theory and Application of Engineering Project Management	32	2	考试 Exam	2	
	现代企业战略管理 Strategic Management of Modern Enterprises	24	1.5	考试 Exam	2	
	能源互联网的市场机制与商业模式 Market Mechanism and Business Model of Energy Internet	24	1.5	考试 Exam	1	
	消费者行为分析 Consumer Behavior Analysis	24	1.5	考试 Exam	2	
	人因工程 Human Factors Engineering	24	1.5	考试 Exam	2	
	电力规划理论与实务 Theory and Practice of Electric Power Planning	24	1.5	考试 Exam	2	
	网络计划优化方法 Optimization Method of Network Plan	24	1.5	考试 Exam	2	
	电力市场理论与实务 Theory and Practice of Electricity Market	24	1.5	考试 Exam	2	
	电力负荷预测方法 Power Load Forecasting Method	24	1.5	考试 Exam	2	
	能源规划与系统分析 Energy Planning and System Analysis	24	1.5	考试 Exam	2	
	高级财务管理理论与实务 Theory and Practice of Advanced Financial Management	32	2	考试 Exam	1	
	高级审计理论与实务 Theory and Practice of Advanced Audit	32	2	考试 Exam	1	
	企业预算管理理论与实务 Theory and Practice of Enterprise Budget Management	24	1.5	考试 Exam	2	
	企业纳税筹划 Enterprise Tax Planning	24	1.5	考试 Exam	2	
	高级管理会计理论与实务 Theory and Practice of Advanced Management Accounting	32	2	考试 Exam	1	
	资本运营理论与实务 Theory and Practice of Capital Operation	32	2	考试 Exam	1	
	高级财务会计理论与实务 Theory and Practice of Advanced Financial Accounting	32	2	考试 Exam	2	
	企业内部控制理论与实务 Theory and Practice of Enterprise Internal Control	24	1.5	考试 Exam	2	
	商业伦理与会计职业道德 Business Ethics and Accounting Professional Ethics	24	1.5	考试 Exam	1	
	专业英语 Specialty English	16	1	考试 Exam	1	
	大型数据库与网络软件开发	32	2	考试		

类别 Category	课程名称 Course name	学时 Class hour	学分 Credit	考核方式 Assessment mode	学期 Semester	备注 Remarks	
	Development of Large Database and Network Software			Exam	1		
	经济管理软件应用 Application of Economic Management Software	24	1.5	考试 Exam	2		
	商务智能应用 Application of Business Intelligence	24	1.5	考试 Exam	2		
	综合能源系统与综合能源服务 Integrated Energy System and Integrated Energy Service	24	1.5	考试 Exam	2		
非学位课 Non-degree courses	6 学分 6 credits 必修课程与必修环节 Compulsory courses and required links	研究生科学道德与学术规范 Scientific Ethics and Academic Norms for Postgraduates		1	考查 Review of performance	1	
		专题课程/seminar 课程 Program Course/Seminar Course		1	考查 Review of performance	2	
		实践环节（实验、实践） Practice Links (Experiment, Practice)		1	考查 Review of performance		
		学术活动 Academic Activities		1	考查 Review of performance		
		文献综述与选题报告 Literature Review and Thesis Proposal		1	考查 Review of performance		
		论文中期检查 Mid-term Review of the Thesis		1	考查 Review of performance		
	选修课 Optional courses	科技信息检索与论文写作专题讲座 Symposium on Sci-tech Information Search and Thesis Writing	16	1	考查 Review of performance	1	
		运营管理 Operation Management	32	2	考查 Review of performance	2	
		系统工程学 System Engineering	32	2	考查 Review of performance	1	
		电力市场技术支持系统 Technical Support System for Electricity Market	24	1.5	考查 Review of performance	2	
		集团公司人力资源管控 Human Resources Management and Control of Group Company	16	1	考查 Review of performance	2	
		工作分析与岗位评价 Job Analysis and Job Evaluation	16	1	考查 Review of performance	1	
		劳动关系研究 Research on Labor Relations	16	1	考查 Review of	2	

类别 Category	课程名称 Course name	学时 Class hour	学分 Credit	考核方式 Assessment mode	学期 Semester	备注 Remarks
				performance		
	财务会计报告分析 Analysis of Financial Accounting Report	32	2	考查 Review of performance	1	
	综合评价方法 Comprehensive Evaluation Method	32	2	考查 Review of performance	2	
	风险管理理论及方法 Theory and Method of Risk Management	24	1.5	考查 Review of performance	2	
	企业财务管理案例分析 Case Analysis of Enterprise Financial Management	24	1.5	考查 Review of performance	2	
	会计管理软件设计与应用 Design and Application of Accounting Management Software	32	2	考查 Review of performance	1	
	金融市场 Financial Market	32	2	考查 Review of performance	2	
	投资学 Theory of Investment	24	1.5	考查 Review of performance	2	
	供应链管理 Supply Chain Management	32	2	考查 Review of performance	1	
	网络流理论及其管理应用 Network Flow Theory and Its Management Application	24	1.5	考查 Review of performance	1	
<p>除所列课程外, 可选修其他学科专业课和研究生课程目录课程。要求总学分不低于 31 学分。 In addition to the courses listed above, students can take specialized courses of other disciplines and courses in the catalogue of postgraduate courses. The total credits shall be no less than 31 credits.</p>						

附件 2: 工商管理一级学科国内权威学术期刊目录

Annex 2: Catalogue of Domestic Authoritative Academic Journals of the First-level Discipline of Business Administration

一、国内权威期刊

I. Domestic Authoritative Journals

第一部分 (CSSCI 检索的来源期刊为依据)

Part I (based on journals sourced in CSSCI search)

序号 S/N	期刊名称 Journal Name	主办(管)单位 Organizer
1.	管理世界 Management World	中华人民共和国国务院发展研究中心 Development Research Center of the State Council of the People's Republic of China
2.	南开管理评论 Nankai Business Review	南开大学商学院 Business School of Nankai University
3.	中国软科学 China Soft Science	中国软科学研究会 China Soft Science Research Association
4.	科研管理 Science Research Management	中国科学院科技政策与管理科学研究所 Institute of Science and Technology Policy and Management Science, Chinese Academy of Sciences
5.	科学学研究 Studies in Science of Science	中国科学学与科技政策研究会 China Society for Studies in Science of Science and Technology Policy
6.	公共管理学报 Journal of Public Management	哈尔滨工业大学管理学院 School of Management, Harbin Institute of Technology
7.	管理科学学报 Journal of Management Science in China	国家自然科学基金委员会管理科学部 Management Science Department of the National Natural Science Foundation of China
8.	管理科学 Journal of Management Science	哈尔滨工业大学管理学院 School of Management, Harbin Institute of Technology
9.	科学学与科学技术管理 Science of Science and Management of S.&T.	中国科学学与科技政策研究会等 China Society for Studies in Science of Science and Technology Policy, etc.
10.	研究与发展管理 R&D Management	复旦大学 Fudan University
11.	外国经济与管理 Foreign Economies and Management	上海财经大学 Shanghai University of Finance and Economics
12.	管理工程学报 Journal of Industrial Engineering and Engineering Management	浙江大学 Zhejiang University
13.	管理学报 Chinese Journal of Management	华中科技大学 Huazhong University of Science and Technology
14.	中国行政管理 Chinese Public Administration	中国行政管理学会 Chinese Public Administration Society
15.	管理评论 Management Review	中国科学院研究生院 Graduate University of Chinese Academy of Sciences
16.	中国管理科学 Chinese Journal of Management Science	中国优选法统筹法与经济数学研究会 Chinese Society of Optimization, Overall Planning and Economic Mathematics
17.	软科学 Soft Science	四川省科技促进发展研究中心 Science & Technology for Development Research Center of Sichuan Province

18.	中国科技论坛 Forum on Science and Technology in China	中国科学技术发展战略研究院 Chinese Academy of Science and Technology for Development
19.	系统工程理论与实践 System Engineering Theory and Practice	中国系统工程学会 Systems Engineering Society of China
20.	经济管理 Business Management Journal	中国社会科学院工业经济研究所 Institute of Industrial Economics of CASS
21.	预测 Forecasting	合肥工业大学预测与发展研究所 Institute of Forecasting and Development, Hefei University of Technology
22.	中国工业经济 China Industrial Economics	中国社会科学院工业经济研究所 Institute of Industrial Economics of CASS
23.	经济研究 Economic Research Journal	中国社会科学院经济研究所 Institute of Economics, Chinese Academy of Social Sciences
24.	系统工程 Systems Engineering	湖南省系统工程与管理学会 Hunan Institute of System Engineering and Management
25.	教育研究 Educational Research	中国教育科学研究院 National Institute of Education Sciences
26.	中国科学基金 Bulletin of National Natural Science Foundation of China	国家自然科学基金委员会 National Natural Science Foundation of China
27.	财贸经济 Finance & Trade Economics	中国社会科学院财经战略研究院 National Academy of Economic Strategy, CASS
28.	科技管理研究 Science and Technology Management Research	广东省科学学与科技管理研究会 Guangdong Association of Science of Science and Science and Technology Management Research
29.	系统管理学报 Journal of Systems & Management	上海交通大学 Shanghai Jiao Tong University
30.	世界经济 The Journal of World Economy	中国世界经济学会与世界经济与政治研究所 Institute of World Economics and Politics, Chinese Society of World Economy
31.	数量经济技术经济研究 The Journal of Quantitative & Technical Economics	数量经济与技术经济研究所 Institute of Quantitative & Technological Economics
32.	金融研究 Journal of Financial Research	中国金融学会 China Society for Finance and Banking
33.	会计研究 Accounting Research	中国会计学会 Accounting Society of China
34.	财经研究 Journal of Finance and Economics	上海财经大学 Shanghai University of Finance and Economics
35.	审计研究 Auditing Research	中国审计学会 China Audit Society
36.	金融经济研究 Financial Economics Research	广州金融学院 Guangdong University of Finance
37.	经济与管理研究 Research on Economics and Management	首都经济贸易大学 Capital University of Economics and Business
38.	统计研究 Statistical Research	中国统计学会、国家统计局统计科学研究所 National Statistical Society of China, Institute of Statistical Science of National Bureau of Statistics of China
39.	统计与决策 Statistics & Decision	湖北省统计局统计科学研究所 Institute of Statistical Science, Hubei Provincial Bureau of Statistics
40.	数理统计与管理	中国现场统计研究会

Journal of Applied Statistics and Management	Chinese Association for Applied Statistics
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第二部分（CSCD 检索的来源期刊为依据）

Part II (based on journals sourced in CSCD search)

序号 S/N	期刊名称 Journal Name	主办（管）单位 Organizer
1.	工程科学学报 Chinese Journal of Engineering	北京大学 University of Science and Technology Beijing
2.	工程设计学报 Chinese Journal of Engineering Design	浙江大学;中国机械工程学会 Zhejiang University; Chinese Mechanical Engineering Society
3.	工程数学学报 Chinese Journal of Engineering Mathematics	西安交通大学 Xi'an Jiaotong University
4.	工程研究--跨学科视野中的工程 Journal of Engineering Studies	中国科学院大学 University of Chinese Academy of Sciences
5.	计算机仿真 Computer Simulation	中国航天科工集团公司第十七研究所 The 17th Research Institute of China Aerospace Science and Industry Corporation
6.	计算机工程 Computer Engineering	华东计算机技术研究所;上海计算机学会 East China Institute of Computer Technology; Shanghai Computer Society
7.	计算机应用 Journal of Computer Applications	中国科学院成都计算机应用研究所 Chengdu Institute of Computer Application, Chinese Academy of Sciences
8.	控制与决策 Control and Decision	东北大学 Northeastern University
9.	模式识别与人工智能 Pattern Recognition and Artificial Intelligence	中国自动化学会;国家智能计算机研究开发中心;中国科学院合肥智能机械研究所 Chinese Association of Automation; National Research Center for Intelligent Computing Systems; Institute of Intelligent Machines, Chinese Academy of Sciences
10.	系统仿真学报 Journal of System Simulation	中国系统仿真学会; 航天科工集团 706 所 Chinese Association for System Simulation, Institute 706, the Second Academy of China Aerospace Science & Industry Corp.
11.	系统工程学报 Journal of Systems Engineering	中国系统工程学会 Systems Engineering Society of China
12.	系统科学与数学 Journal of Systems Science and Mathematical Sciences	中国科学院数学与系统科学研究院 The Academy of Mathematics and Systems Science, Chinese Academy of Sciences
13.	运筹学学报 Operations Research Transactions	中国运筹学会 Operations Research Society of China
14.	运筹与管理 Operations Research and Management Science	中国运筹学会 Operations Research Society of China
15.	智能系统学报 CAAI Transactions on Intelligent Systems	中国人工智能学会;哈尔滨工程大学 Chinese Association for Artificial Intelligence; Harbin Engineering University
16.	中国电机工程学报 Proceedings of the Chinese Society	中国电机工程学会 Chinese Society for Electrical Engineering

	for Electrical Engineering	
17.	电网技术 Power System Technology	中国电力科学研究院 China Electric Power Research Institute
18.	中国科学 Science China	中国科学院和国家自然科学基金委员会 Chinese Academy of Sciences and National Natural Science Foundation of China
19.	改革 Reform	重庆社会科学院 Chongqing Academy of Social Sciences
20.	工业工程与管理 Industrial Engineering and Management	上海交通大学 Shanghai Jiao Tong University

特别说明：以上权威期刊不含增刊。

Note: The supplements of the above authoritative journals are excluded.

二、被我校科研院认定的省部级科技成果奖，每项可以作为 1 篇权威期刊对待。

II. Each of the science and technology achievement awards at provincial and ministerial level recognized by the Scientific Research Institute of our university can be rated as 1 authoritative journal.