

华北电力大学留学生

North China Electric Power University International Student

工商管理学一级学科博士研究生培养方案

Training Program for Doctoral Students in First-level Discipline of Business

Administration

(专业代码: 1202 授予管理学博士学位)

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

一、学科简介

I. Brief Introduction to the Discipline

“工商管理学”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，第五轮学科评估中“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”、“能源管理”与“会计学”四个二级学科。其中“技术经济及管理”二级学科博士点于 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 fifth round of discipline evaluation, the discipline of Business Administration was rated as B. Our university has been authorized to set four second-level disciplines such as Technical Economy and Management, Enterprise Management, Energy 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、能源管理及会计学的

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，在大数据预测与评价理论及应用、优化理论与技术经济决策、电力市场理论及应用、电力经济管理、企业发展管理理论及应用、人力资源管理理论及应用、企业营销理论及应用、企业经营管理理论及应用、能源发展理论及应用、财务管理理论及应用、会计理论与方法、能源互联网与综合能源系统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, energy management and accounting to solve major industrial and commercial management problems urgently needed by the national economic construction, especially the electric power industry, and carried out fruitful research on Theory and Application of Prediction and Evaluation for Big Data, Optimization Theory and Techno-Economic Decision-making, Theory and Application of Electric Power Market, Electric Power Economic Management, Theory and Application of Enterprise Development Management, Theory and Application of Human Resource Management, Theory and Application of Enterprise Marketing, Theory and Application of Enterprise Operation and Management, Theory and Application of Energy Development, Theory and Application of Financial Management, Accounting Theory and Method, Energy Internet and 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。具备培养工商管理学博士研究生的各项条件，在工商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工商管理人才的摇篮。

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 other longitudinal projects 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 levels. 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 established. It has various conditions required for training doctoral students majoring in Business Administration, and has strong strength and complete discipline system in the field of Business Administration. It is the cradle of training senior talents in Business Administration 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. 在工商管理学科内掌握坚实宽广的基础理论和系统深入的专门知识，了解本学科专业的前沿动态，具有独立从事科学研究工作的能力，并要初步具有主持较大型科研、技术开发项目，或解决和探索某国经济、社会发展问题和电力与能源工业工商管理问题的能力，在科学或专门技术上做出创造性的成果，能够胜任本专业或相近专业的科研、教学及电力与能源工业、政府、企业等单位的工商

管理和科研工作。

2. Have solid and broad basic theories and systematic and in-depth knowledge in the discipline of Business Administration, understand the cutting-edge trends of the discipline, engage in scientific research independently, initially preside over large-scale scientific research and technological development projects, or solve and explore the economic and social development problems of a country and the business administration problems of the electric power and energy industries, make creative achievements in scientific or specialized technologies, and be competent for the scientific research and teaching of this major or similar majors, as well as the business administration and scientific research work of electric power and energy industries, government, enterprises and other institutes.

三、研究方向

III. Research Direction

1. 大数据预测与评价理论及应用
1. Theory and Application of Prediction and Evaluation for Big Data
2. 优化理论与技术经济决策
2. Optimization Theory and Techno-Economic Decision-Making
3. 电力经济管理
3. Electric Power Economic Management
4. 企业发展与人力资源管理理论与应用
4. Enterprise Development and Human Resource Management Theory and Application
5. 能源低碳发展理论与应用
5. Theories and Applications of Low-Carbon Energy Development
6. 会计与财务管理理论与应用
6. Accounting and Financial Management Theory and Application
7. 能源互联网与综合能源系统
7. Energy Internet and Integrated Energy System
8. 能源电力供应链安全与可持续发展
8. Energy and Power Supply Chain Security and Sustainable Development

四、培养方式

IV. Training Method

1. 博士生培养实行导师负责制，必要时可设副导师或组成指导小组。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。

1. The training of doctoral students implements supervisor responsibility system, if necessary, a secondary-supervisor or a Steering Group may be introduced. The supervisor is the person of primary responsibility for doctoral students training who 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.

2. 博士生的培养以科学研究工作为主，重点是培养博士生独立从事科学研究工作和进行创造性研究工作的能力；并根据研究需要继续深入学习一些课程，在拓宽基础、加深专业、掌握学科发展前沿的基础上学会进行创造性研究工作的方法和培养严谨的科学作风。

2. The training of doctoral students is mainly on scientific research work, with emphasis on cultivating the ability to independently engage in scientific research work and creative research work. Doctoral students should continue to study some courses in depth according to the needs of the research; moreover, they should learn the methods of creative research work and cultivate a rigorous scientific style on the basis of broadening the foundation, deepening the specialty and grasping the forefront of discipline development.

3. 博士生的培养可在校内进行，也可由国内、国际的高校以及科研院所联合培养。课程认定与学分转换办法参见《华北电力大学研究生课程管理办法》。

3. The training of doctoral students can be carried out in the campus of the university as well as in the joint academic institutes at home or abroad. For information on course recognition and credit transfer, please refer to the *North China Electric Power University Graduate Course Management Regulations*.

五、学制与学习年限

V. Educational System and Duration of the Program

1. 普博生：博士阶段学制 4 年，学习年限 3-8 年。

2. 硕博连读生：博士阶段学制 4 年。硕士一年级转博士者，学习年限 4-8 年（不允许提前毕业）；硕士二年级转博士者，学习年限 3-8 年。

1. PhD candidates: The standard duration of the doctoral programme is four years, with a study period ranging from three to eight years.

2. Integrated Master's-PhD candidates: The standard duration of the doctoral phase is four years. Those transferring to the doctoral programme during their first year of Master's study have a study period of four to eight years (early graduation is not permitted); those transferring during their second year of Master's study have a study period of three to eight years.

因特殊情况需要延长学习年限的，应提前半年由博士生提出申请，经导师同意、学院领导审核、报国际教育学院批准、研究生院备案。获中国政府奖学金的学生如要继续享受奖学金需提前向所属国家驻华大使馆和国家留学基金管理委员会申请，获得批准后，才能继续享受奖学金待遇，否则需自费完成学业。

The doctoral students shall apply in half a year in advance if they require an extension for the study due to some special circumstances, and the application shall be approved by their supervisors, reviewed by the leaders of the school, submitted to the International Education Institution for approval and the Graduate School for the record. Students who are supported by the Chinese government scholarship need to apply for continuing scholarship from both their home country embassy in China and China Scholarship Council. Otherwise, they will have to complete their studies at their own expense.

六、课程设置及学分要求

VI. Curriculum and Credit Requirements

博士生的课程设置应以培养博士研究生创造性地从事研究工作的能力为目标，以教育创新为手段，以创新教育平台建设为主线，根据博士研究生培养的要求，拓宽、加深学科需要的基础理论，把握本学科发展或交叉学科发展的前沿动态。通过课程学习，为博士论文选题与科研方法创新奠定坚实基础理论。

The curriculum of doctoral students shall aim at cultivating the students' ability to engage in research work creatively, take educational innovation as a means, focus on the construction of innovative education platform, broaden and deepen the basic theories required by the discipline according to the requirements of cultivating doctoral students, reflect the frontier trends of the development of the discipline or interdisciplinary development, and lay a solid foundation for the students' topic selection of doctoral dissertation and the innovation of scientific research methods through course study.

博士生的课程设置分学位课、必修环节和任选课三大类。学位课分公共课、基础理论课、专业核心课。中文授课留学生基础理论课和专业核心课等按照对应学科专业中国学生培养方案执行。博士研究生在校期间，应修最低学分为 22 学分，其中学位课 14 学分，必修环节 8 学分。

The doctoral curriculum is divided into three main categories: degree courses, required courses, and optional courses. Degree courses are further divided into public courses, basic theoretical courses, and specialized core courses. For international students taking courses taught in Chinese, the basic theoretical courses and specialized core courses follow the corresponding curriculum for Chinese students in the relevant discipline. Doctoral students are required to complete a minimum of 22 credits during their studies, including 14 credits of degree courses and 6 credits of required courses.

1. 学位课（14 学分），其中：

1. Degree courses (14 credits), of which:

公共课：汉语综合（1）：4 学分（64 学时）；

Public courses: 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);

基础理论课：2 学分；

Basic theoretical courses: 2 credits;

专业核心课：2 学分。

Specialized core courses:2 credits.

要求博士生在基础理论方面,应进一步掌握现代数学等高层次的宽厚的基础理论,为研究方法的创新提供坚实的理论基础;在专业核心课程的设置中以研究型的专业基础课程为基础,以加强博士研究生的学术理论训练为主,使学生把握本学科发展的前沿动态,培养学生发现问题、提出问题、分析问题的批判性思维能力和创新思维能力以及解决实际问题的能力。

Doctoral students are required to further master the high-level and broad basic theories such as Modern Mathematics, so as to provide a solid theoretical basis for the innovation of research methods. The setting of the specialized core courses is based on the research-oriented professional basic courses, focusing on strengthening the academic theory training of doctoral students, so as to enable students to grasp the frontier trends of the development of this discipline, cultivate students' critical thinking ability and innovative thinking ability of discovering, raising and analyzing problems as well as the ability to solve practical questions.

2. 必修环节（8 学分），包括：

2. Required links (8 credits), including:

研究生科学道德与学术规范 1 学分；

Scientific Ethics and Academic Norms for Postgraduates: 1 credit;

研读专业经典名著 1 学分：博士生在学习期间，须在导师的要求与指导下，研读本专业至少 1 本经典名著，完成后记 1 学分；

Professional Classics Studying(1 credit): During the study of doctoral students, they must, under the requirements and guidance of their supervisors, study at least one classic masterpiece of this discipline, and they shall get 1credit upon completion;

文献综述与选题报告 2 学分；

Literature Review and Thesis Proposal: 2 credits;

前沿讲座与专题研讨 1 学分：参加前沿讲座与专题研讨是培养博士生综合能力和进入学科前沿的重要环节。博士生在学习期间，应在导师确定的专题领域，至少参加 8 次前沿讲座与专题研讨，完成后记 1 学分；

Cutting-edge Lectures and Seminars (1 credit): Participating in cutting-edge lectures and seminars is an important link to cultivate the comprehensive ability of doctoral students and help them to enter the forefront of the discipline. During the period of study, doctoral students should participate in at least 8 cutting-edge lectures and seminars in the special areas determined by their supervisors, and they shall get 1 credit upon completion;

博士论坛 1 学分：要求博士生至少做 2 次学术报告，完成后记 1 学分。

Doctoral Forum (1 credit): Doctoral students are required to make at least 2 academic reports, and they shall get 1 credit upon completion;

国情教育（理论）1 学分：以专题讲座的形式开展，包括中国法律法规、学校校规校纪、学分及毕业、奖学金及费用缴纳、在校（华）生活、国际学生社团等六个方面。所有学生均须按时参加学习，考核合格者获得相应学分，未参加或考核不合格者，需来年重修。

Orientation 1 credit: Conducted in the form of thematic lectures, this course covers six aspects: Chinese laws and regulations; school rules and regulations; credits and graduation requirements; scholarships and tuition payments; campus life; and international student clubs. All students are required to attend the course on time. Those who pass the assessment will receive the corresponding credits; those who do not attend or fail the assessment must retake the course the following year.

国情教育（实践）1 学分：主要包括教育活动、研学活动、学术活动、文体活动、实习实践等五部分。学生按要求报名成功且参加活动后，填写《国际教育学院来华留学生国情教育实践环节培养手册》，经学院相关负责教师确认（盖章）后，可获得相应学分。

Education on National Conditions of China 1 credit: This course primarily consists of five components: educational activities, study tours, academic activities, cultural and sports activities, and internships, practical training. After successfully registering and participating in the activities as required, students must complete the 《Brochure of Education on National Conditions of China》. Upon confirmation (with an official stamp) by the relevant teacher of the school, students will be awarded the corresponding

credits.

3.任选课与补修课程

3.Optional courses and supplementary courses

任选课：本学院或其他学院开设的博士生课程。

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

Optional courses: Doctoral courses offered by this college or other colleges.

Supplementary courses: Doctoral students who are not in their own disciplines at the postgraduate stage should take several major courses of postgraduate stage of this discipline 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 Annex.

七、科学研究及学位论文要求

VII. Requirements for Scientific Research and Degree Thesis

进行科学研究与撰写学位论文，是对博士研究生进行科学研究训练、培养创新能力的主要途径，也是衡量研究生能否获得博士学位的重要依据之一。博士学位论文是综合衡量博士生培养质量和学术水平的重要标志，博士生的资格审核、学位论文选题报告、论文中期检查、学位论文预答辩、论文答辩资格审查等，是博士生培养工作的重要环节，本学科的相关具体安排与要求如下：

Conducting scientific research and writing dissertations are the main ways to train doctoral students in scientific research and cultivate their innovative abilities. They are also one of the important criteria for determining whether a graduate student can obtain a doctoral degree. The doctoral dissertation is a crucial indicator of the comprehensive quality of doctoral training and academic level. The doctoral student qualification assessment, dissertation topic report, mid-term dissertation review, pre-defense, and dissertation defense eligibility review are important components of doctoral training. The specific arrangements and requirements for this discipline are as follows:

1.文献综述与选题报告

1. Literature review and thesis proposal

参见《华北电力大学学术学位博士研究生必修环节实施细则》。

See the *Implementation Rules for the Compulsory Components for Academic Doctoral Students at North China Electric Power University*.

2. 论文中期检查

2. Mid-term review of the thesis

参见《华北电力大学学术学位博士研究生必修环节实施细则》。

See the *Implementation Rules for the Compulsory Components for Academic Doctoral Students at North China Electric Power University*.

3. 科研成果要求

3. Requirements for scientific research achievements

（1）博士生应参与省部级及以上科技项目或企业委托重大项目的课题研究，在申请学位论文答辩前应取得包括高水平论文、科研获奖、专利转化或成果鉴定等科研成果，科研成果认定的具体要求如下：

(1) Doctoral students shall participate in subject research of technological projects at provincial and ministerial levels or above or of major projects entrusted by enterprises, and obtain scientific research achievements such as publishing high-level academic papers, winning awards for scientific research, completing patent conversion or achievement identification before applying for thesis defense. The specific requirements for the identification of scientific research achievements are as follows:

①以第一作者身份（其导师必须是作者之一）或第二作者身份（其导师必须是第一作者），并以华北电力大学为第一发表单位，在本学科领域顶级期刊（见附件 2 中顶级期刊目录）上发表学术论文，学术论文应反映学位论文工作成果；

①Doctoral students shall publish academic papers reflecting the achievements of the doctoral dissertation work in top journals of the discipline (see the Catalogue of Top Journals in Annex 2). The doctoral student shall be the first author (the supervisor must be one of the authors) or the second author (the supervisor must be the first author), and

North China Electric Power University shall be the first author affiliation.

②以第一作者身份（其导师必须是作者之一）或第二作者身份（其导师必须是第一作者），并以华北电力大学为第一发表单位，在本学科领域权威期刊（见附件 2 中权威期刊目录）上发表学术论文，学术论文应反映学位论文工作成果。；

②Doctoral students shall publish academic papers reflecting the achievements of the doctoral dissertation work in authoritative journals of the discipline (see the Catalogue of Authoritative Journals in Annex 2). The doctoral student shall be the first author (the supervisor must be one of the authors) or the second author (the supervisor must be the first author), and North China Electric Power University shall be the first author affiliation..

③以第一作者身份（其导师必须是作者之一）或第二作者身份（其导师必须是第一作者），并以华北电力大学为第一发表单位，在本学科领域高水平期刊（见附件 2 中高水平期刊目录）上发表学术论文，学术论文应反映论文工作成果。。

③Doctoral students shall publish academic papers reflecting the achievements of the doctoral dissertation work in high-level journals of the discipline (see the Catalogue of High-level Journals in Annex 2). The doctoral student shall be the first author (the supervisor must be one of the authors) or the second author (the supervisor must be the first author), and North China Electric Power University shall be the first author affiliation.

④以第一作者身份（其导师必须是作者之一）或第二作者身份（其导师必须是第一作者），并以华北电力大学为第一发表单位，在本学科领域其他期刊（见附件 2 中其他期刊目录）上发表学术论文，学术论文应反映论文工作成果。。

④ Doctoral students shall publish academic papers reflecting the achievements of the doctoral dissertation work in other journals of the discipline (see the Catalogue of Other Journals in Annex 2). The doctoral student shall be the first author (the supervisor must be one of the authors) or the second author (the supervisor must be the first author), and North China Electric Power University shall be the first author affiliation.

⑤博士生作为主要完成人之一，其学位论文工作成果获得省部级及以上科研奖励 1 项（以科研院认证目录为准，署名单位为华北电力大学）。

⑤The doctoral student, as one of the main contributors, obtains one scientific research award at the provincial and ministerial level or above for the achievements of the doctoral dissertation work (subject to the catalogue certified by the Scientific Research Institute, with North China Electric Power University as the affiliated institution).

⑥获得与博士论文代表性成果相关的国内外发明专利授权（第一署名单位为华北电力大学，学生排名第一，若学生排名第二其导师必须是排名第一），且累计成果转化收益到账额不低于 10 万元（以科研院核算为准）1 项。

⑥ The doctoral student obtains one authorized domestic or international invention patent related to the representative achievements of the doctoral dissertation. The first author affiliation shall be North China Electric Power University. The student shall rank first; if the student ranks second, the supervisor must rank first. The cumulative income from achievement transformation shall not be less than RMB 100,000 (subject to verification by the Scientific Research Institute).

⑦博士生作为主研人（第一署名单位为华北电力大学，个人排名前三）完成的科研项目获得省部级及以上科技成果鉴定 1 项，或获得国家领导人、省部级领导批示的采纳成果（第一署名单位为华北电力大学，个人排名前三）1 项，鉴定或采纳成果反映学位论文工作成果。

⑦The doctoral student, as the principal researcher (ranked among the top three contributors, with North China Electric Power University as the first contributor institution), completes a scientific research project that obtains one identification of scientific and technological achievements at the provincial and ministerial level or above, or obtains an adopted achievement approved by national leaders or provincial and ministerial leaders (with North China Electric Power University as the first contributor institution and the student ranked among the top three contributors). The

identified or adopted achievement shall reflect the achievements of the doctoral dissertation work.

(2) 科研成果数量要求与科研成果质量相结合，具体要求如下：

(2) The quantity requirements of scientific research achievements shall be combined with the quality of scientific research achievements. The specific requirements are as follows:

完成成果形式①一篇及以上；或完成成果形式②中的两篇及以上；或完成成果形式③④⑤⑥⑦中的三项及以上，其中④、⑤、⑥、⑦最多只能计及 1 项，即符合成果形式③不得少于两篇；若完成成果形式②中的一篇，则需要完成成果形式③④⑤⑥⑦中的两项及以上，其中④、⑤、⑥、⑦最多只能计及 1 项，即符合成果形式③不得少于一篇。

The doctoral student shall complete at least one achievement of type ①; or complete at least two achievements of type ②; or complete at least three achievements among types ③, ④, ⑤, ⑥ and ⑦. Among achievements of types ④, ⑤, ⑥ and ⑦, no more than one item can be counted. That is, when selecting achievements from types ③, ④, ⑤, ⑥ and ⑦, at least two items shall be achievements of type ③. If the doctoral student completes one achievement of type ②, he/she shall additionally complete at least two achievements among types ③, ④, ⑤, ⑥ and ⑦. Among achievements of types ④, ⑤, ⑥ and ⑦, no more than one item can be counted. That is, at least one item shall be an achievement of type ③..

学术论文网络见刊并导师签字确认视同正式发表。

Academic papers published online shall be regarded as officially published after confirmation and signature by the supervisor.

凡不符合上述要求的成果，在学位申请时一律不予考虑。

Any other achievements that do not meet the above requirements will not be considered in degree applications.

硕博连读学生在硕士期间取得的科研成果，按以上规定同等对待。

The scientific research achievements obtained by the MD-PhD students of continuous academic program during the master stage shall be treated equally in accordance with the above provisions.

4. 学位论文要求

4. Degree thesis requirements

博士生在毕业前应提交博士学位论文。博士学位论文是博士生在导师指导下独立完成的、系统完整的学术研究工作的总结。论文应体现出博士生在所在学科领域所做出的创造性学术成果，应能反映出博士生已经掌握了坚实宽广的基础理论和系统深入的专门知识，并具备了独立从事科研工作的能力。

Doctoral students shall submit their doctoral dissertations before graduation. The doctoral dissertation is a summary of the systematic and complete academic research work completed independently by a doctoral student under the guidance of his/her supervisor. The dissertation shall reflect the creative academic achievements made by the doctoral student in his/her discipline. It shall also reflect that the doctoral student has mastered solid and broad basic theories and systematic and in-depth knowledge of the major, and had the ability to engage in scientific research independently.

博士学位论文的撰写规范参照《华北电力大学博士学位论文撰写规范及范例》。

For the writing norms of doctoral dissertation, please refer to the *Norms and Examples for the Doctoral Dissertation Writing of North China Electric Power University*.

5. 学位论文预答辩

5. Pre-defense of dissertation

预答辩的目的在于进一步修改、完善博士学位论文。博士生在完成博士学位论文初稿，经导师审核认为符合要求的，由导师组织博士学位论文的预答辩。预答辩的时间在正式答辩 3 个月前进行，以领域内博士生导师（至少 5 人）为主体组成预答辩小组，预答辩应吸收有关导师和研究生参加，跨学科的预答辩应聘请相关学科的导师参加。学位论文预答辩通过者，方可申请正式答辩。具体要求按照《华北电力大学学术学位博士研究生必修环节实施细则》中相关规定执行。

The purpose of the pre-defense is to further revise and improve the doctoral dissertation. After completing the first draft of their doctoral dissertation, and upon review and approval by their supervisor, the doctoral student will participate in a pre-defense organized by the supervisor. The pre-defense will be held three months before the formal defense. A pre-defense panel will be composed primarily of doctoral supervisors in the field (at least five members). Relevant supervisors and graduate students should also participate in the pre-defense; for interdisciplinary pre-defenses, supervisors from related disciplines should be invited to participate. Only those who pass the pre-defense can apply for the formal defense. Specific requirements are in accordance with the relevant provisions of the *Implementation Rules for Compulsory Components for Academic Doctoral Students of North China Electric Power University*.

6.博士研究生申请论文送审的资格审查

6. Qualification review of the submitted dissertation applied by doctoral students

博士论文资格审查由指导教师或博士生指导小组负责进行。博士研究生申请论文送审的基本条件如下：

The doctoral dissertation qualification review is carried out by the supervisor or the steering group. Basic application conditions of doctoral students' dissertation submission are as below:

- (1) 修完所规定的学分要求；
- (1) To meet the credit requirements;
- (2) 完成论文开题查新报告与论文选题报告；
- (2) To complete the novelty search report for the thesis proposal and the thesis topic selection report;
- (3) 完成论文中期检查；
- (3) To complete the mid-term review of dissertation;
- (4) 满足学术论文发表与科研成果要求；
- (4) To meet the requirements of academic papers publication and research achievements;

(5) 通过学位论文的预答辩；

(5) To pass the pre-defense of the dissertation;

(6) 完成学位论文的撰写并通过学位论文撰写规范审查。

(6) To complete the dissertation and pass the review of the dissertation.

7. 博士学位论文的评审与答辩

7. Review and defense of doctoral dissertation

博士生在通过论文送审的资格审查后即可进行学位论文的送审与答辩，具体要求按照《华北电力大学研究生学位论文评审、答辩及学术复核管理规定》。答辩时间见毕业当年发布的研究生答辩通知。

Doctoral students can submit their dissertations for review and defense after passing the qualification review. Specific requirements are in accordance with the *Regulations on the Review, Defense and Academic Verification of Graduate Dissertations of North China Electric Power University*. The defense time will be announced in the graduate defense notice issued in the year of graduation.

八、提前毕业条件科学研究及学位论文要求

VIII. Requirements for Early Graduation: Scientific Research and Thesis

普博生和硕士二年级转博士生者，符合以下条件最多可在学制基础上申请提前1年毕业：

Standard doctoral students and those transferring from the second year of their master's programme to doctoral studies may apply for early graduation by up to one year beyond the standard duration if they meet the following conditions:

(1) 博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，可申请提前毕业。

(1) Doctoral students who complete the coursework, thesis work and other training components stipulated in the training program ahead of schedule may apply for a thesis defense. With the approval of the School of Economics and Management, they may apply for early graduation.

(2) 满足成果形式③三篇及以上的同时，额外还需发表至少 1 篇满足完成成果形式①的反映学位论文工作成果的论文；或者满足成果形式③三篇及以上的同时，额外还需发表至少 2 篇满足完成成果形式②的反映学位论文工作成果的论文。

(2) While satisfying the requirement of completing at least three achievements of type ③, doctoral students shall additionally publish at least one academic paper satisfying achievement type ① or type ② and reflecting the achievements of the doctoral dissertation work; or, while satisfying the requirement of completing at least three achievements of type ③, doctoral students shall additionally publish at least two academic papers satisfying achievement type ② and reflecting the achievements of the doctoral dissertation work.

(3) 满足国际学术交流要求，即在申请学位论文送审前，至少完成以下一项：赴国（境）外高校或科研机构开展不少于 3 个月的学术交流（或联合培养）；或国际学术会议上作学术报告（会议论文应为 EI 检索）。

(3) Doctoral students shall satisfy the requirements of international academic exchange. Before applying for dissertation submission, doctoral students shall complete at least one of the following requirements: conducting academic exchange (or joint training) at an overseas university or research institution for no less than three months, or delivering an academic presentation at an international academic conference (the conference paper shall be indexed by EI).

(4) 对于申请提前毕业的博士生，5 份论文全部由研究生院或国际教育学院负责匿名评阅，评阅结果要求全部为 A 或 B，且 A 不少于 2 个。

(4) For doctoral students applying for early graduation, all 5 dissertations must be anonymously reviewed by the Graduate School or International Education Institute. All dissertations must be rated A or B, with at least 2 rated A.

附件 1:

Annex 1:

工商管理一级学科博士研究生（留学生）课程设置表

Curriculum for Doctoral Students (International Student) in the First-level

Discipline of Business Administration

课程 性质 Category	课程 属性 Attribute	课程名称 Course name	学时 Class hour	学分 Credit	考核方式 Assessment mode	开课学 期 Semester of the course	备注 Remarks
学位课 (≥14 学 分) Degree courses (≥14 credits)	公共课 Public courses	汉语综合(1) Chinese Comprehension (1)	64	4.0	考试 Exam	1	
		中国概况(英文) Introduction to China (English)	32	2.0	考试	1	
		汉语综合(2) Chinese Comprehension (2)	64	4.0	考试 Exam	2	
	基础理论 课 Basic theoretical courses (≥2 学 分) (≥2 credits)	现代数学基础与方法 Fundamentals and Methods of Modern Mathematics	32	2.0	考试 Exam	1	
		管理理论前沿 Frontiers of Management Theory	32	2.0	考试 Exam	1	
		管理方法论 Methodology of Management	32	2.0	考试 Exam	1	
	专业核心 课 (≥2 学 分) Specialized core courses (≥2 credits)	大数据预测与评价理论 Theory of Prediction and Evaluation for Big Data	32	2.0	考试 Exam	1	
		会计理论与方法研究 Study on Accounting Theory and Method	32	2.0	考试 Exam	1	
		现代人力资源管理理论与 方法 Theory and Method of Modern Human Resource Management	32	2.0	考试 Exam	1	

		企业经营管理理论与方法 Theory and Method of Enterprise Operation and Management	32	2.0	考试 Exam	1	
		企业发展动力学 Enterprise Development Dynamics	32	2.0	考试 Exam	1	
		综合能源系统与服务 Integrated Energy System and Service	32	2.0	考试 Exam	1	
		高级能源经济学 Advanced Energy Economics	32	2.0	考试 Exam	1	
必修环节(8 学分) Required links (8 credits)	无 None	研究生科学道德与学术规范 Scientific Ethics and Academic Norms for Postgraduates		1.0	考查 Review of performance	1	
		研读专业经典名著 Professional Classics Studying		1.0	考查 Review of performance		
		文献综述与开题报告 Literature Review and Thesis Proposal		2.0	考查 Review of performance	3	
		前沿讲座与专题研讨 Cutting-edge Lectures and Seminars	8 次 8 times	1.0	考查 Review of performance		
		博士论坛 Doctoral Forum	2 次 2 times	1.0	考查 Review of performance		
		国情教育（理论） Orientation		1.0	考试 Exam	1	
		国情教育（实践） Education on National Conditions of China		1.0	考查 Review of performance		
任选课 Optional courses	无 None	综合能源系统（英文） Integrated Energy System (English)	16	1.0	考试 Exam	1	
		补修课程 Supplementary courses			考试 Exam		附注一 Note 1

		本学院或其他学院开设的 相关基础或专业课程 Relevant basic or specialized courses offered by the school or other schools			考试 Exam		
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附注一：对非本学科入学的博士生，应补修由导师指定的本学科主干硕士课程

Note 1: For the doctoral student who was not in this discipline when enrolled, he/she should make up for the main courses of this discipline in master stage designated by the supervisor.

附件 2:

Annex 2:

工商管理学一级学科国内外权威学术期刊目录

**Catalogue of Domestic and Overseas Authoritative Academic Journals of
the First-level Discipline of Business Administration**

序号 No.	刊物名称 Journal Name	期刊主管/主办单位 Organizer
顶级期刊目录 Catalogue of Top Journals		
1	Nature/Science/Cell（包括 子刊） Nature/Science/Cell (including their sub- journals)	
2	UTD24 系列期刊 UTD24 Series Journals	

3	FMS 管理科学高质量期刊 英文 A 级 FMS Management Science High-quality Journals (English A-level)	
4	中国社会科学 Social Sciences in China	中国社会科学院 Chinese Academy of Social Sciences
5	管理世界 Journal of 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
6	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
7	南开管理评论 Nankai Business Review	南开大学商学院 Business School of Nankai University
权威期刊目录 Catalogue of Authoritative Journals		
1	FMS 管理科学高质量期刊 (英文 B 级/C 级) FMS Management Science High-quality Journals (English B-level/C-level)	
2	中国科学 Science China	中国科学院 Chinese Academy of Sciences
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 Policy and Management, 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	中国电机工程学报 Proceedings of the CSEE	中国电机工程学会 Chinese Society for Electrical Engineering
8	电网技术 Power System Technology	国家电网有限公司 State Grid Corporation of China
9	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
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 Economics & 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 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 Systems Engineering— Theory & Practice	中国系统工程学会 Systems Engineering Society of China
20	经济管理 Business and Management Journal	中国社会科学院工业经济研 究所 Institute of Industrial Economics, Chinese Academy of Social Sciences
21	工程管理科技前沿 Frontiers of Science and Technology of Engineering Management	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, Chinese Academy of Social Sciences
23	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
24	教育研究 Educational Research	中国教育科学研究院 National Institute of Education Sciences
25	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
26	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, Chinese Academy of Social Sciences

27	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
28	系统管理学报 Journal of Systems & Management	上海交通大学 Shanghai Jiao Tong University
29	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 Chinese Society of World Economy and Institute of World Economics and Politics
30	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
31	金融研究 Journal of Financial Research	中国金融学会 China Society for Finance and Banking
32	会计研究 Accounting Research	中国会计学会 Accounting Society of China
33	财经研究 Journal of Finance and Economics	上海财经大学 Shanghai University of Finance and Economics
34	审计研究 Auditing Research	中国审计学会 China Audit Society
35	金融经济研究 Financial Economics Research	广州金融学院 Guangdong University of Finance
36	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
37	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
38	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
39		数理统计与管理 Journal of Applied Statistics and Management	中国现场统计研究会 Chinese Association for Applied Statistics
40		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 of Science of Science and Technology Policy, etc.
41		情报科学 Information Science	吉林大学 Jilin University
42		农业经济问题 Issues of Agricultural Economy	中国农业科学院农业经济与 发展研究所 Institute of Agricultural Economics and Development, Chinese Academy of Agricultural Sciences
43		中国人口·资源与环境 China Population, Resources and Environment	中国可持续发展研究会 China Society of Sustainable Development
44		中国农村经济 Chinese Rural Economy	中国社会科学院农村发展研 究所 Institute of Rural Development, Chinese Academy of Social Sciences
45		除上述中文期刊外的 FMS 管理科学高质量期刊（中 文 T1/T2） Other FMS Management Science High-quality Journals except the above Chinese journals(Chinese T1/T2)	
46		ESI, Scopus 高被引期刊论 文 ESI and Scopus Highly Cited Journal Papers	
47	部分 CSCD 检 索期刊	工程科学学报 Chinese Journal of Engineering	北京科技大学 University of Science and Technology Beijing

Selected CSCD- indexed Journals	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
	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
	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 Corporation
	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 Academy of Mathematics and Systems Science, Chinese Academy of Sciences
	控制与决策 Control and Decision	东北大学 Northeastern University
	系统工程学报 Journal of Systems Engineering	中国系统工程学会 Systems Engineering Society of China
	运筹学学报 Operations Research Transactions	中国运筹学会 Operations Research Society of China
	运筹与管理 Operations Research and Management Science	中国运筹学会 Operations Research Society of China
	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
		中国电机工程学报 Proceedings of the CSEE	中国电机工程学会 Chinese Society for Electrical Engineering
		电网技术 Power System Technology	国家电网有限公司 State Grid Corporation of China
		电力系统自动化 Automation of Electric Power Systems	国网电力科学研究院有限公司 State Grid Electric Power Research Institute Co., Ltd.
		工业工程与管理 Industrial Engineering and Management	上海交通大学 Shanghai Jiao Tong University
高水平期刊目录 Catalogue of High-level Journals			
1	被 SCI 检索期刊 Journals indexed by SCI	论文认定以发表时间为准 The recognition of papers is based on the publication date	
2	被 SSCI 检索期刊 Journals indexed by SSCI	论文认定以发表时间为准 The recognition of papers is based on the publication date	
3	被 CSSCI 检索期刊 Journals indexed by CSSCI	论文认定以发表时间为准 The recognition of papers is based on the publication date 来源：南京大学中国社会科学 研究评价中心 Source: Nanjing University Chinese Social Sciences Research Evaluation Cente	
其他期刊目录 Catalogue of Other Journals			
1	被 EI 检索期刊 Journals indexed by EI	论文认定以发表时间为准 The recognition of papers is based on the publication date	
2	被北大中文核心检索期刊 Chinese Core Journals indexed by Peking University	论文认定以发表时间为准 The recognition of papers is based on the publication date	

特别说明：以上期刊不含增刊，不含被预警期刊，不含开源期刊（以投稿时间为准）。FMS 管理科学高质量期刊分类（英文 A 级、B 级、C 级以及中文 T1/T2）以论文投稿时间为准。ESI, Scopus 高被引期刊论文以高被引时间为准，论文发表时间必须在博士在读期间。同一篇文章核准毕业要求不能重复计算。

Notes

The above journals do not include supplementary issues, journals under early warning lists, or open-access journals (subject to the submission date). The classification of FMS Management Science High-quality Journals (English A-level, B-level, C-level and Chinese T1/T2) shall be based on the submission date of the paper. ESI and Scopus highly cited papers shall be recognized based on the date of being identified as highly cited papers, and the publication date of the papers shall be within the doctoral study period. The same paper shall not be counted repeatedly for degree graduation requirements.
