2016

North China Electric Power University

International Admission

Contents

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1. About NCEPU

As one of the “Project 211” universities, North China Electric Power University (NCEPU) is a national key university under the direct jurisdiction of the Ministry of Education (MOE). The main campus is located in Beijing, and it has a sub-campus in Baoding. There are about 3,000 faculty and staff, 20,000 full-time undergraduates, and 7,000 postgraduates. Covering 1600 mu, the gross floor area of the university is about one million square meters.

Founded in 1958, the original name of NCEPU is Beijing Electric Power College. Moved from Hebei Province to Beijing in 1969, the college was successively renamed as Hebei Electric Power College and North China Electric Power College. In 1995, North China Electric Power College and Beijing Power Economy College（including the original Beijing Graduate School of North China Electric Power College） were merged into North China Electric Power University. Due to national power system reform in 2003, the administrative right of the university was transferred from State Electric Power Corporation to the MOE, and jointly constructed by the MOE and the council consisting of State Grid Corporation of China, China Southern Power Grid, China Huaneng Corporation, China Datang Corporation, China Guodian Corporation, China Huadian Corporation, and China Power Investment Corporation. In 2013, its council was changed, and the newly elected council is constituted by nine organizations including seven power central enterprises, China Electricity Council, and NCEPU.

NCEPU has undertaken the historical mission to develop high-quality talents for national energy and power industry and promote science and technology progress for more than half a century. Upon the entry of the new century, the university has implemented the guideline to base the university on disciplinary programs, make use of talents to enhance the university, depend on scientific research to promote the university, and achieve characteristic development. Besides, it has grasped the opportunity, accelerated the development, and realized leap development.

NCEPU has 10 schools, including Electrical and Electronic Engineering School, Energy Power and Mechanical Engineering School, Control and Computer Engineering School, Economics and Management School, Environmental Science and Engineering School, Renewable Energy School, Nuclear Science and Engineering School, Mathematics and Physics School, Humanities and Social Sciences School, and Foreign Language School, totally 58 undergraduate majors. The university has two national key subjects (Power System and Automation, and Thermal Power Engineering), 23 provincial key subjects, five centers for post-doctoral studies, 5 fist-level disciplines and 30 second-level disciplines authorized to offer Ph.D. Degree, and 23 first-level disciplines and 123 second-level disciplines authorized to offer Master Degree. Besides, the university has the right to confer Mater of Business Administration (MBA) and Master of

Engineering. All of these make NCEPU develop complete education system of undergraduate, graduate, and doctor.

The university possesses a high-quality teaching staff team which is proactive, qualified, and rationally structured. Currently, there are 1,806 full-time teachers, including one academician of the Chinese Academy of Engineering, four dual-employed academicians, six professors of the Recruitment Program of Global Experts, one expert of the Young Overseas High-level Talents Introduction Plan, two experts of National Plan for the Special Support of High-level Talent, five Chief Scientists of Project 973, one national-level famous teacher, six winners of the National Science Found for Distinguished Young Scholars, four Chang Jiang Scholars, eight experts of the National Talents Project, 28 winners of the New Century Excellent Talents Program of MOE, and four teams listed in Chang Jiang Scholars and Innovation Team Development Program, etc.

NCEPU has always taken talents development as its basic task, so it has formed the special talents development featuring “to focus on solid foundation, emphasize on practice, promote abilities and pursue innovation”, which makes the university become first universities to implement the Excellent Engineer Development Plan. There are five national excellent courses, two teams of national-level famous teachers, 11 national characteristic majors, three national experimental teaching demonstration centers, three national engineering practice education centers, one national virtual simulation experimental teaching center, and ten provincial experimental teaching enters in the university. Moreover, NCEPU has passed the assessment of undergraduate education and achieved the “Excellence” result.

Since the university regards the major national development strategies as its own duty, it has positively taken part in the construction of national innovation system. Therefore, it has constructed three national scientific innovation platforms, three key laboratories of MOE, and 11 provincial scientific innovation platforms and research bases. In recent years, the university has achieved great success on the fields of new energy power generation, ultra-high voltage, smart grid, efficient and clean coal-fired generation technology, and nuclear power technology, etc. Since the Tenth Five-year Plan, the university has assumed more than 1,900 vertical projects from major national research and development projects, Project 973, Project 863, National Science Support Plan, and National Natural Science Foundation of China, and won 162 national and provincial Science Progress Awards. The scientific research funds have been surged in the new century, and NCEPU takes the top in the universities directly under the MOE on the statistics of the three important international search of science and technology paper. The Engineering Science has been in the top one percent of ESI in the world as well.

As Vice President Member of China Electricity Council, relying on the university council platform, NCEPU has constantly deepened the industry-university collaboration and reached strategic cooperation relations with about 30 large high-tech enterprises of domestic and overseas power, coal, telecommunication, equipment manufacturing

industry to undertake important researches and development projects, construct experimental centers, research and development centers, postdoctoral workstations, and graduate workstations, and accelerate exploitation and industrialization of scientific and technological results. It has signed about 500 scientific projects with major scientific innovation enterprises per year, and successively obtained two titles of Special Contribution Unit of Demonstration Project for Ultra-high Voltage Alternating and Direct Current Experiment of State Grid Corporation of China. NCEPU has constructed the multilateral university-local cooperation platform, expanded cooperation channels, and finally it develops strategic partnership relations with the local governments of Beijing, Hebei, Jiangsu, Inner Mongolia, Xinjiang, Qinghai, and Shandong. On the new energy, smart gird and other strategic emerging industries, the university deepens the communication and cooperation in scientific innovation, achievement transformation, and talents development so as to gain fruitful results in promoting regional scientific innovation and driving local economic development. NCEPU is an active participator in the promotion of interscholastic cooperation, and as the major sponsor it has participated in establishing the Beijing High-Tech Universities Alliance consisting of 11 industry-based universities to share and complement advantageous resources and encourage interscholastic cooperative innovation.

The university has been engaged in the educational internationalization, and developed substantive communication and cooperation with about 120 internationally well-known universities and research institutes in the U.S., the U.K., France, Russia, and Japan.etc. Meanwhile, it has realized the mutual recognition of related disciplines with many international educational institutions, and built Confucius Institute in the U.S. and Egypt. Four Talent Recruitment Bases have been listed in the College Discipline Innovation Wisdom Plan (Plan 111). It has held international educational projects of different levels, such as EMBA, double masters ("1+1", "2+2"), and BS/MS Programs, and the international educational level has constantly increased.

As the leading university in electricity power, standing at a new historical juncture, NCEPU undertakes the honor and dream of new energy power times and make contributions to fulfilling the historical task to develop high-quality innovative talents for the country and society, create high-level scientific research results, and provide first-class service. Moreover, it should strive to make NCEPU a multi-disciplinary, research-oriented, and high-level international university with distinguished features.

2. Undergraduate Program

◆ **Introduction：**

Undergraduate study period is 4 years. Bachelor's Degree shall be conferred after students complete the undergraduate study according to teaching plan, pass graduation review and have no failure record in any course or thesis.

◆ **English-taught Program List（ More details refer to** http://iei.ncepu.edu.cn/）

序号	专业名称	Major	专业备注
1	电气工程及其自动化	Electrical Engineering and Its Automation	国家级特色专业

◆ **Program List（ More details refer to** http://iei.ncepu.edu.cn/）

School	Serial No.	专业名称	Major	Note
电气与电子工程学院 Electrical and Electronic Engineering School（EEES）	1	电气工程及其自动化	Electrical Engineering and Its Automation	National key discipline
	2	智能电网信息工程	Smart Grid Information Engineering	National key discipline
	3	电子信息工程	Electronic Information Engineering	
	4	电子科学与技术	Electronic Science and Technology	
	5	通信工程	Communication Engineering	
能源动力与机械工程学院 Energy, Power and Mechanical Engineering School (EPMES)	6	机械工程	Mechanical Engineering	National key discipline
	7	能源与动力工程	Energy and Power Engineering	National key discipline
	8	材料科学与工程	Materials Science and Engineering	
	9	建筑环境与能源应用工程	Building Environment and Energy Application Engineering	
控制与计算机工程学院 Control and Computer Engineering School (CCES)	10	自动化	Automation	National key discipline
	11	测控技术及仪器	Measuring & Control Technology and Instrumentations	
	12	计算机科学与技术	Computer Science and Technology	
	13	软件工程	Software Engineering	
	14	信息安全	Information Security	
	15	物联网工程	Internet of Things Engineering	
经济与管理学院 Economics and Management School (EMS)	16	工程管理	Engineering Management	National key discipline
	17	工商管理	Business Administration	National key discipline
	18	会计学	Accounting	Beijing key

				discipline
	19	经济学	Economics	
	20	金融学	Finance	
	21	国际经济与贸易	International Economics and Trade	
	22	信息管理与信息系统	Information Management and Information Systems	
	23	市场营销	Marketing	
	24	财务管理	Financial Management	
	25	人力资源管理	Human Resource Management	
	26	劳动与社会保障	Labor and Social Security	
	27	物流管理	Logistics Management	
	28	电子商务	Electronic Business	
可再生能源学院 Renewable Energy School (RES)	29	新能源材料与器件	New Energy Material and Apparatus	
	30	应用化学	Applied Chemistry	
	31	新能源科学与工程	New Energy Science and Engineering	
	32	水利水电工程	Water Resources and Hydropower Engineering	
	33	水文与水资源工程	Hydrology and Water Resources Engineering	
核科学与工程学院 Nuclear Science & Engineering School (NSES)	34	核工程与核技术	Nuclear Engineering and Nuclear Technology	National key discipline
	35	辐射防护与核安全	Radiation Protection and Nuclear Safety	
人文与社会科学学院 Humanities and Social Sciences School （HSSS）	36	法学	Law Science	
	37	汉语言文学	Chinese Linguistics and Literature	Closed in odd year
	38	广告学	Advertising	
	39	公共事业管理	Public Utilities Management	
	40	行政管理	Public Administration	
外国语学院 Foreign Languages School (FLS)	41	英语	English	
数理学院 Mathematical &	42	信息与计算科学	Information and Computing Science	

Physical Science School (MPSS)	43	应用物理学	Applied Physics	
仅限保定校区的专业 Baoding Campus	44	能源化学工程	Energy Chemical Engineering	
	45	环境工程	Environment Engineering	
	46	环境科学	Environmental Science	
	47	电子信息科学与技术	Electronic Information Science and Technology	
	48	农业电气化	Agricultural Electrification	
	49	工业工程	Industrial Engineering	
	50	产品设计	Product Design	
	51	网络工程	Network Engineering	
	52	社会工作	Social Work	

◆ **File Requirements**

Applicants are required to complete and submit the following materials to icdfs@ncepu.edu.cn before 30th, June, 2016.

1 North China Electric Power University Application Form.
2 HSK Certificate (220 of Level 3 or 180 of Level 4)
3 Transcripts of High school Studies. (Must be notarized)
4 Graduation Certificate of High School (Must be notarized)
5 Copy of Passport
6 No Criminal Record Certificate
7 Guarantor Form and Copy of Guarantor's ID
8 Guardian Certificate, Copy of Guardian's ID, parents' ID, and Birth Certificate (Students whose ages are under 18)

∗All materials should be presented in the original or copies with official certificate
∗ Application materials should be in Chinese or English
∗ Application materials and application fee will not be returned
∗ Under 30 years old

◆ **Fees**

1 tuition : 22000yuan/year
2 application fee: 500yuan (only accept cash payment, be paid when registering)
3 comprehensive insurance fee: 800yuan/year
4 accommodation:
International Student Dormitory: 40yuan/ per person/day, 500yuan for deposit

Students apartment building No.13: 50yuan/ per person/day, 2000yuan for deposit
The fees must be one-off paid every semester or year when you check in. Deposit will be refunded when you check out.
Electricity: you have a free quota every month. Beyond this, you need to pay by yourself.

3. Master's program

◆ **Introduction：**

Graduate study period is 3 years. Master's Degree shall be conferred after students complete the graduate study according to teaching plan, pass graduation review and have no failure record in any course or thesis.

◆ **English-taught Program List（ More details refer to** http://iei.ncepu.edu.cn/）

Serial No.	专业名称	Major
1	电力系统及其自动化	Electric Power Systems and Automation
2	热能工程	Thermal Power Engineering
3	可再生能源与清洁能源	Renewable Energy and Clean Power
4	计算机应用技术	Computer Application Technology
5	核能科学与工程	Nuclear Energy Science and Engineering
6	材料科学与工程	Material Science and Engineering
7	控制理论与控制工程	Control Theory and Control Engineering

◆ **Program List（ More details refer to** http://**iei**.ncepu.edu.cn/）

School	Serial No.	Program	研究方向	Research Direction
电气与电子工程学院 Electrical and Electronic Engineering School（EEES）	1	电机与电器 Electric Machine and Electric Appliance	电机及其系统分析与监控	Electric machine analysis and monitoring
			电气设备状态监测与故障诊断	Electrical equipment state monitoring and fault diagnosis
			新能源发电与智能电网	Renewable energy generation and smart grid
			电力电子技术及其应用	Power electronics technology and application
	2	电力系统及其自动化 Electric Power Systems and Automation	电力系统分析与控制	Power system analysis and control
			电力系统保护与安全控制	Power system protection and security control
			先进输电技术	Advanced power transmission technology
			新能源发电与智能电网	Renewable energy generation and smart grid

			电力经济	Electrical economics
			电力系统电磁兼容	Electromagnetic compatibility in power system
	3	高电压与绝缘技术 High Voltage and Insulation Technology	电气设备状态监测与故障诊断	Electrical equipment state monitoring and fault diagnosis
			电气绝缘技术	Electrical insulation technology
			电力系统过电压及其防护	Power system overvoltage and defense
	4	电力电子与电力传动 Power Electronics and Electric Drive	电力电子技术及其应用	Power electronics technology and application
			先进输电技术	Advanced power transmission technology
			新能源发电与智能电网	Renewable energy generation and smart grid
			电力系统分析与控制	Power system analysis and control
	5	电工理论与新技术 Electrical Engineering Theory and Novel Technology	电磁场分析与电气测量	Electromagnetic analysis and electrical measurement
			电力系统电磁兼容	Electromagnetic compatibility in power system
			先进输电技术	Advanced power transmission technology
			电力电子技术及其应用	Power electronics technology and application
			新能源发电与智能电网	Renewable energy generation and smart grid
	6	电子科学与技术 Electronics Science and Technology	电路与系统	Electric circuit and system
			电磁场与微波技术	Electromagnetic field and microwave technology
			微电子与固体电子学	Microelectronics and solid electronics
			物理电子学	Physical electronics
	7	信息与通信工程 Information and Communication Engineering	通信网支撑技术	Communication network support technology
			光通信与光传感技术	Optical communication and optical sensor technology
			无线通信网络与新技术	Wireless communication network and novel technology
			电力系统通信及信息处理	Power system communication and information processing
			多媒体信息处理与传输技术	Multimedia information processing and transmission technology
			物联网与现代传感技术	Internet of things and modern sensor technology

			信息系统与信息安全	Information system and information security
			下一代网络技术	Next generation internet technology
			信息物理融合系统	Cyber-physical system
能源动力与机械工程学院 Energy, Power and Mechanical Engineering School (EPMES)	8	机械工程 Mechanical Engineering	先进制造技术	Advanced manufacturing technology
			机电一体化技术与设备	Mechatronics integration technology and equipment
			电力设备状态监测与故障诊断	Power equipment condition monitoring and fault diagnosis
			新能源技术与设备	Renewable energy technology and equipment
			电力设备安全与优化设计	Power equipment safety and optimal design
			先进施工技术与设备	Advanced construction technology and equipment
			输电线路工程	Transmission line engineering
			设备润滑技术与故障诊断	Equipment lubricating technology and fault diagnosis
	9	材料科学与工程 Material Science and Engineering	电厂金属材料的劣化、磨损、腐蚀与防护	Deterioration, abrasion, corrosion and protection of metal materials in power plant
			先进金属材料	Advanced metal materials
			先进陶瓷材料	Advanced ceramic materials
			先进表面技术与激光加工技术	Advanced surface technology and laser processing technology
			稀土电磁功能材料	Rare earth electromagnetic functional materials
			新能源材料	New energy materials
	10	工程热物理 Engineering Thermalphysics	分布式供能	Distributed energy supply
			传热传质与多相流	Heat and mass transfer and multiphase flow
			能源转换的安全与节能	Safety and energy-saving of energy conversion
	11	热能工程 Thermal Energy Engineering	能源转换的安全与节能	Safety and energy-saving of energy conversion
			洁净煤发电技术与设备	Clean coal power generation technology and equipment
			电站设备状态监测、控制与信息技术	Status monitoring, control and information technology for power station equipment
			节能理论与技术	Energy-saving theory and technology
	12	动力机械及工程	动力机械工作过程及失效预防	Working process and failure

		Power Machinery and Engineering		prevention of power machinery
			能源转换的安全与节能	Safety and energy-saving of energy conversion
			电站设备状态监测、控制与信息技术	Status monitoring, control and information technology for power station equipment
	13	流体机械及工程 Fluid Machinery and Engineering	叶轮机械与流体工程	Impeller machinery and fluid engineering
			清洁能源利用技术与设备	Clean energy utilization technology and equipment
			电站设备状态监测、控制与信息技术	Status monitoring, control and information technology for power station equipment
	14	制冷及低温工程 Refrigeration and Cryogenic Engineering	制冷与空调技术	Refrigeration and air conditioning technology
			能源转换的安全与节能	Safety and energy-saving of energy conversion
	15	供热、供燃气、通风及空调工程 Heating, Fuel Gas Supply, Ventilation and Air Conditioning Engineering	建筑节能与可再生能源利用技术	Building energy conservation and renewable energy utilization technology
			室内环境控制与暖通空调系统优化	Indoor environment control and heating, ventilation and air conditioning (HVAC) system optimization
			建筑给水排水理论与技术	Theory and technology of building water supply and drainage
	16	化工过程机械 Chemical Process Machinery	化工过程与化工设备	Chemical process and chemical equipment
			工业排放污染监测与控制	Industrial pollution monitoring and control
	17	化学工程 Chemical engineering	化学工程	Chemical engineering
经济与管理学院 Economics and Management School (EMS)	18	金融学 Finance	货币金融理论与实践	Monetary and financial theories and practices
			金融工程	Financial engineering
			能源金融	Energy finance
	19	产业经济学 Industrial Economics	产业管制理论与政策	Industrial regulation theory and policy
			产业组织理论与政策	Industrial organization theory and policy
			能源经济与可持续发展	Energy economics and sustainable development

	20	数量经济学 Quantitative Economics	数量经济方法及应用	Quantitative economics methods and applications
			电力产业数量经济分析	Quantitative economics analysis of electric power industry
			能源产业经济统计分析	Economic and statistical analysis of energy industry
	21	管理科学与工程 Management Science and Engineering	工程项目管理	Engineering project management
			电力工程与建设管理	Electrical engineering and construction management
			信息管理及决策支持	Information management and decision support
			能源管理理论与方法	Energy management: theories and methods
			供应链管理	Supply chain management
			工程模型分析与决策	Engineering model analysis and decision making
	22	会计学 Accounting	会计理论与实务	Accounting theory and practice
			财务管理理论与实务	Theory and practice of financial management
			审计理论与实务	Aduit theory and practice
	23	企业管理 Enterprise Management	电力企业经营管理与信息管理	Operation and information management in power enterprise
			市场营销与电子商务	Marketing and e-business
			人力资源管理	Human resource management
	24	技术经济及管理 Technical Economics and Management	技术经济评价理论与应用	Theory and application of techno-economic appraisal
			电力市场理论与应用	Theory and application of power market
			电力经济管理	Electric power management
控制与计算机工程学院 Control and Computer Engineering School (CCES)	25	控制理论与控制工程 Control Theory and Control Engineering	大机组建模与优化控制	Units modeling and optimization control
			生产过程信息化、智能化与综合自动化	Informationization, intelligent and integrated automation production process
			先进控制理论及应用	Advanced control theory and application
			复杂系统建模、仿真与控制	Complex systems modeling, simulation and control
			网络化控制技术与系统	The networked control technology and system
			故障诊断技术与应用	Fault diagnosis technology and application

	26	检测技术与自动化装置 Detection Technology and Automation Devices	现代测控技术与信息处理	Modern measurement and control technology and information processing
			智能检测装置与系统	Intelligent detection device and system
			清洁能源发电技术	Clean energy power generation technology
	26	系统工程 Systems Engineering	系统建模、仿真与优化	System modeling, simulation and optimization
			系统综合评价与智能决策	Intelligent system comprehensive evaluation and decision making
			新能源发电系统规划研究	Planning and research of new energy power generation system
	28	模式识别与智能系统 Pattern Recognition and Intelligent System	智能仪表与智能系统	Intelligent instrument and intelligent system
			网络化控制技术与系统	The networked control technology and system
			计算机视觉与模式识别	Computer vision and pattern recognition
	29	计算机系统结构 Computer System Structure	计算机体系结构	Computer architecture
			嵌入式系统及应用	Embedded systems and applications
			微处理器技术	Microprocessor technology
			网络与分布式系统	Network and a distributed system
	30	软件工程 Software Engineering	软件构件/架构技术	Software component/framework technology
			软件智能化技术	Intelligent software technology
			图形与图像处理技术	Graphics and image processing technology
	31	计算机应用技术 Computer Application Technology	计算机网络及应用	The computer network and application
			网络信息安全	Network information security
			智能机器人技术	Intelligent robot technology
			人工智能与知识工程	Artificial intelligence and knowledge engineering
			数据库与信息系统	Database and information system
可再生能源学院 Renewable Energy School (RES)	32	可再生能源与清洁能源 Renewable Energy and Clean Power	风力发电系统理论与技术	Theory and technology of wind power generation
			新能源材料与器件	Advanced materials and devices for new energy
			光伏发电及能源材料	Photovoltaics and energy materials
			生物质高效清洁利用	Efficient and clean utilization of biomass

			太阳能利用技术	Solar energy utilizaiton technologies
			地下能源与废物处置	Underground energy and waste disposal
			清洁能源与雾霾污染防治	Clean energy and haze pollution prevention
	33	水文学及水资源 Hydrology and Water Resources	水文学及水文循环	Hydrology and water cycle
			水（能）资源系统规划与管理	Water resources (energy) system planning and management
			水电能源经济	hydropower economy
			水体污染控制与生态恢复	Water pollution control and ecological restoration
	34	水工结构工程 Hydraulic Structure Engineering	岩土及地下工程	Geotechnical engineering
			水工结构分析理论与方法	The hydraulic structure analysis theory and method
			水利工程建设技术与管理	Hydraulic engineering construction technology and management
	35	水利水电工程 Water Conservancy and Hydropower Engineering	水工水力学及流体结构相互作用	Engineering hydraulics and fluid structure interaction
			海洋能源的开发利用	Development and utilization of ocean energy
			水电工程移民管理	hydropower resettlement management
核科学与工程学院 Nuclear Science & Engineering School (NSES)	36	核能科学与工程 Nuclear Energy Science and Engineering	核反应堆系统、设备与材料	Nuclear reactor systems, equipments, and materials
			核反应堆热工水力学	Nuclear reactor thermal hydraulics
			核电厂安全分析	Safety analyses of nuclear power plants
	37	辐射防护及环境保护 Radiation Sheilding and Environmental Protection	核反应堆物理与屏蔽	Nuclear reactor neutronics and sheilding
			核技术及应用	Nuclear technology and application
			核辐射防护	Radiological protection
环境研究院 Environmental Research Academy	38	环境工程 Environmental Engineering	能源与环境系统工程	Energy and environment system engineering
			环境系统模拟与优化	Environmental system simulation and optimization
			环境污染控制化学	Environmental pollution control chemistry
			环境规划与评价	Environmental planning and evaluation
			水文与水资源系统分析	Hydrological and water resources system analysis

			水环境管理与污染控制	Water environment management and pollution control
			地下水环境模拟与污染修复	Groundwater environment simulation and pollution remediation
			能源与环境污染过程与控制	Process and control of energy and environmental pollution
			固废处置与资源化	Treatment and resource recovery of solid waste
人文与社会科学学院 Humanities and Social Sciences School (HSSS)	39	法学 Science of Law	诉讼法	Science of procedural laws
			国际经济法	International economic law
			国际能源法	International energy law
			环境与资源保护法	Science of environment and natural resource protection law
			民商法	Civil law and commercial law
	40	公共管理 Public Management	行政管理	Public administration
			教育经济与管理	Educational economy and management
			社会保障	Social security
			公共政策（含能源政策）	Public policy(energy policy)
			非政府组织与行业管理	Ngo and industry management
外国语学院 Foreign Languages School (FLS)	41	英语语言文学 English Language and Literature	英美文学	English and American literature
			英美文化	English and American cultures
	42	外语语言学及应用语言学 Linguistics and Applied Linguistics	第二语言习得	Second language acquisition
			翻译学	Translation studies
			英语教学	English teaching
数理学院 Mathematics and Physics School (MPS)	43	计算数学 Computational Mathematics	金融数学中的计算技术与方法	Computational technologies and methods in financial mathematics
			基于偏微分方程的图像处理方法	Image processing methods based on partial differential equations
			微分方程数值解法	Numerical methods in differential equations
	44	应用数学 Applied Mathematics	微分方程和动力系统	Differential equations and dynamics systems
			偏微分方程及其应用	Partial differential equations and its applications
			生态数学	Mathematic ecology
	45	运筹学与控制论 Operational Research and Cybernetics	工程优化的方法与理论及应用	Method, theory and application of engineering optimization
			图论与组合最优化	Graphing and combination optimization

			应用概率统计	Applied probability
	46	理论物理 Theoretical Physics	计算物理	Computational physics
			生物物理学	Biophysics
			超快量子动力学	Ultrafast quantum dynamics
	47	凝聚态物理 Condensed Matter Physics	凝聚态理论	Condensed matter theory
			超导物理及应用	Superconducting physics and its applications
			半导体自旋电子学	Semiconductor spintronics
环境与化学工程系 Environment and Chemical Engineering	48	环境科学 Environmental Science	环境放射化学	Environmental radiochemistry
			大气污染控制工程	Air pollution control engineering
			能源环境化学	Energy and environmental chemistry

◆ **Files Requirements**

Applicants are required to complete and submit the following materials to icdfs@ncepu.edu.cn before 30th, June, 2016.

∗All materials should be presented in the original or copies with official certificate
∗ Application materials should be in Chinese or English
∗ Application materials and application fee will not be returned
∗ Above 18 years old and under 30 years old

1 North China Electric Power University Application Form.
2 Study Plan
3 Two Recommendations
4 HSK Certificate (level 5)
5 Transcripts of undergraduate Studies. (Must be notarized)
6 Diploma of undergraduate Studies (Must be notarized)
7 Graduation Certificate of undergraduate Studies (Must be notarized)
8 Passport
9 No Criminal Record Certificate
10 Guarantor Form and Copy of Guarantor's ID

◆ **Fees**

1 tuition ：30000yuan/year；
2 application fee：500yuan（only accept cash payment，be paid when registering）

3 comprehensive insurance fee：800yuan/year

4 4 accommodation:

International Student Dormitory: 40yuan/ per person/day, 500yuan for deposit

Students apartment building No.13: 50yuan/ per person/day, 2000yuan for deposit

The fees must be one-off paid every semester or year when you check in. Deposit will be refunded when you check out.

Electricity: you have a free quota every month. Beyond this, you need to pay by yourself.

4. Doctoral program

◆ **Introduction：**

Doctoral study period is 3-4 years. Doctor's Degree shall be conferred after students complete the doctoral study according to teaching plan, pass graduation review and have no failure record in any course or thesis.

◆ **English-taught Program List（ More details refer to** http://iei.ncepu.edu.cn/）

Serial No.	专业名称	Major	Note
1	电气工程	Electrical Engineering	国家级重点学科
2	热能工程	Thermal Power Engineering	国家级重点学科
3	可再生能源与清洁能源	Renewable Energy and Clean Power	省部级重点学科
4	核能科学与工程	Nuclear Energy Science and Engineering	
5	工程与项目管理	Engineering and Project Management	
6	控制理论与控制工程	Control Theory and Control Engineering	

◆ **Program List（ More details refer to** http://iei.ncepu.edu.cn/）

School	Serial No.	Program	研究方向	Research Direction
电气与电子工程学院 Electrical and Electronic Engineering School（EEES）	1	电气工程 Electrical Engineering	电力系统分析与控制	Power system analysis and control
			电力系统保护与安全控制	Power system protection and security control
			新能源电力系统	Power system with renewable energy sources
			先进输电技术	Advanced power transmission technology
			现代电力变换技术	Modern power conversion technology
			电力系统电磁兼容	Electromagnetic compatibility in power system
			电气设备状态监测与故障诊断	Electrical equipment state monitoring and fault diagnosis

			电气绝缘技术	Electrical insulation technology
			电力经济	Electrical economics
			电磁场理论及其应用	Electromagnetic theory and application
			电气信息分析与处理	Electrical information analysis and processing
			电网安全防御与灾变控制	Power grid security defense and disaster control
			电力系统过电压及其防护	Power system overvoltage and defense
			电机及其系统分析与监控	Electric machine analysis and monitoring
			电气绝缘技术	Electrical insulation technology
			智能电网技术	Smart grid technology
			电力系统通信技术	Power system communication technology
			电能质量	Power quality
能源动力与机械工程学院 Energy, Power and Mechanical Engineering School (EPMES)	2	工程热物理 Engineering Thermalphysics	洁净煤发电技术与设备	Clean coal power generation technology and equipment
			传热传质与多相流	Heat and mass transfer and multiphase flow
			分布式供能	Distributed energy supply
			先进能量系统集成与优化	Integration and optimization of advanced energy system
			能源转换的安全与节能	Safety and energy-saving of energy conversion
	3	热能工程 Thermal Energy Engineering	能源转换的安全与节能	Safety and energy-saving of energy conversion
			电站设备状态监测、控制与信息技术	Status monitoring, control and information technology for power station equipment
			低品位能源利用	Low grade energy utilization
			太阳能热发电及节能工程	Solar thermal power generation and energy-saving engineering
			动力系统微纳米技术与材料	Micro nano technology and materials for power system
			洁净煤发电技术与设备	Clean coal power generation technology and equipment
			传热传质与多相流	Heat and mass transfer and multiphase flow
			能源管理与节能技术	Energy management and energy-saving technology
			清洁能源利用技术与设备	Clean energy utilization technology

				and equipment
			分布式供能	Distributed energy supply
			新能源高效利用	High-efficiency use of new energy
			热物理及其他学科交叉	Thermalphysics and other interdisciplines
			叶轮机械与流体工程	Impeller machinery and fluid engineering
	4	动力机械及工程 Power Machinery and Engineering	动力机械工作过程及失效预防	Working process and failure prevention of power machinery
			清洁能源利用技术与设备	Clean energy utilization technology and equipment
			电站设备状态监测、控制与信息技术	Status monitoring, control and information technology for power station equipment
			动力机械的共性理论与技术	General theory and technology of power machinery
			能源的高效利用技术与装备	Energy high-efficiency use technology and equipment
			隧道（洞）工程与装备	Tunnel engineering and equipment
	5	流体机械及工程 Fluid Machinery and Engineering	叶轮机械与流体工程	Impeller machinery and fluid engineering
			清洁能源利用技术与设备	Clean energy utilization technology and equipment
	6	制冷及低温工程 Refrigeration and Cryogenic Engineering	制冷与空调技术	Refrigeration and air conditioning technology
	7	化工过程机械 Chemical Process Machinery	化工过程与化工设备	Chemical process and chemical equipment
			工业排放污染监测与控制	Industrial pollution monitoring and control
	8	能源环境工程 Energy & Environmental Engineering	能源与环境系统分析	Energy-environmental system analysis
			水文、水资源、水环境系统模型	Hydrology, water resource and water environmental system model
			水环境污染控制与修复	Water environmental pollution, control and restoration
			环境污染控制	Environmental pollution controlling

			水资源水环境管理与规划	Water resource-environmental management and planning
			环境污染控制化学	Environmental pollution control chemistry
			环境规划与评价	Environmental planning and assessment
			高效清洁燃烧与环境污染控制	Clean and high-efficiency combustion & environmental pollution control
			二氧化碳捕集、封存及资源化利用	Carbon capture, utilization and storage
			高效节能技术	High efficiency energy-saving technology
			环境化学及水净化	Environmental chemistry and water purification
			能源环境材料与技术	Energy-environmental materials and technology
			环境化学	Environmental chemistry
			放射化学	Radiochemistry
			清洁能源与雾霾污染防治	Clean energy and haze pollution prevention
			空气污染化学	Air pollution chemistry
			环境规划管理与评价	Environmental planning, management and assessment
经济与管理学院 Economics and Management School (EMS)	9	技术经济及管理 Technical Economy and Management	技术经济预测与评价理论及应用	Theory and application of technical economic forecast and evaluation
			电力经济管理	Electric power management
			优化理论与技术经济决策	Optimization theory and technical economic decision-making
	10	管理科学与工程 Management Science and Engineering	金融工程理论与方法	Financial engineering: theories and methods
			决策理论与方法	Decision making: theories and methods
			管理科学与应用	Management science and applications
			物流工程与供应链管理	Logistics engineering and supply chain management
			能源系统决策理论及应用	Decision making for energy system: theories and applications
			能源经济系统决策方法与应用	Decision making for energy economical systems:methods and applications
			系统决策理论与方法	Decision making for systems: theories and methods

	11	工程与项目管理 Engineering and Project Management	政府投资项目管理	Management of government investment projects
			新能源电力建设与管理	New energy electric power construction and management
			复杂大型工程项目管理	Management of large-scale and complex engineering project
			工程管理理论与应用	Engineering management: theories and applications
			电力建设管理	Electric power construction management
			国际工程承包与管理	Contracting and management for international projects
			工程施工技术与管理	Construction technology and management
			工程经济分析与决策	Engineering economical analysis and decision making
			项目调度理论与方法	Project scheduling: theories and methods
			工程环境污染治理与管理	Control and management of environment pollutions in engineering
	12	信息管理工程 Information Management Engineering	信息管理与决策分析	Information management and decision analysis
			电力运营与智能工程	Power operation and intelligent engineering
			风险管理及信息系统	Risk management and information system
			能源互联网理论与应用	Energy internet theory and application
	13	企业管理 Business Management	企业经营管理理论与应用	Theory and application of business operation and management
			现代人力资源管理理论与应用	Theory and application of human resource management
	14	能源管理 Energy Management	组织管理与战略决策	Organizational management and strategic decision-making
			能源管理理论与应用	Energy management theory and application
控制与计算机工程学院 Control and Computer Engineering School (CCES)	15	控制理论与控制工程 Control Theory and Control Engineering	大机组建模与优化控制	Units modeling and optimization control
			现代控制理论及应用	Modern control theory and application
			测控理论与技术	Control theory and technology in measurement
			工业过程信息系统	Industrial process information system
			网络化控制	Networked control
			大型火电机组建模、仿真与优	Thermal power unit modeling,

			化控制	simulation and optimization control
			节能优化理论与控制	Energy saving optimization theory and control
			非线性预测控制理论、方法及应用	Nonlinear control theory and application
			复杂工业系统的智能化控制	Intelligent control of complex industrial system
			新能源转换与控制	New energy conversion and control
			故障诊断与容错控制	Fault diagnosis and fault-tolerant control
			随机控制理论及应用	The stochastic control theory and application
			电力生产过程建模、仿真与优化控制	Power production process modeling, simulation and optimization control
			清洁能源发电系统检测与控制技术	Clean energy power generation system to detect and control technology
			复杂系统控制理论与方法	Complex system control theory and method
			非线性控制理论及应用	Nonlinear control theory and application
			随机系统的估计与控制	Estimation and control of stochastic control systems
			新能源电力系统建模、控制和仿真	New energy power system modeling, control and simulation
			分散控制系统与现场总线控制系统	Distributed control system and field bus control system
	16	模式识别与智能系统 Pattern Recognition and Intelligent System	智能控制理论及应用	Intelligent control theory and application
			智能传感器网络	Intelligent sensor network
			控制系统的安全评估与可靠性	Safety assessment and reliability of control system
			智能机器人技术	Intelligent robot technology
			发电系统节能方法与技术	Power system energy saving method and technology
	17	检测技术与自动化装置 Detection Technology and Automation Devices	燃烧过程检测理论与技术	Combustion process detection theory and technology
			多相流检测理论与技术	Multiphase flow detection theory and technology
			二氧化碳封存链中的检测技术	Carbon sequestration in the chain detection technology
			智能仪表与状态监测	Intelligent instrument and condition monitoring

			测控技术与信息处理	Measurement and control technology and information processing
			清洁能源发电系统检测与控制技术	Clean energy power generation system to detect and control technology
	18	信息安全 Information Security	电力信息安全	Electric power information security
			软件智能技术	Intelligent software technology
			信息安全测评技术	Information security assessment technology
			网络与系统安全	Network and system security
	19	系统分析、运筹与控制 System Analysis, Management and Control	优化理论及其应用	Optimization theory and its application
			数据挖掘与机器学习及其在电力系统中的应用	Data mining and machine learning and its application in power system
			模糊系统及其应用	Fuzzy system and its application
可再生能源学院 Renewable Energy School (RES)	20	可再生能源与清洁能源 Renewable Energy and Clean Power	分布式供能技术与生物能源	Distributed energy supply technology and bioenergy
			太阳能热发电	Concentrating solar power
			风力发电理论与技术	Theory and technology of wind power generation
			风力发电系统技术	Technology of wind power generation
			光伏材料制备与性质分析	Preparation and characterization of photovoltaic materials
			光伏发电及综合利用	Photovoltaic power generation and comprehensive utilization
			高效太阳电池技术	High performance solar cell technologies
			太阳能利用材料与器件	Materials and devices of solar energy
			先进储能材料与器件	Advanced materials and devices for energy storage
			高效光催化与产氢材料研究	Photocatalystic and hydrogen production materials
			固体燃料高效清洁利用	Efficient and clean utilization of solid fuel
			生物质发电技术	Biomass power generation technology
			水资源与能源科学	Water resources and energy science
			风险管理与决策理论	Risk management and decision making theory
			水电建设中的岩石力学问题	Rock mechanics problems in hydropower construction
			水电移民科学理论与方法	Hydropower immigrants scientific

				theory and method
			水电工程移民管理	Hydropower resettlement management
			水电能源优化管理	Hydropower energy optimization management
			生态系统的物质与能量流动过程	Material and energy flow of ecosystem
			能源与环境系统工程	Energy &environmental systems engineering
			环境污染控制	Environmental pollution control
核科学与工程学院 Nuclear Science & Engineering School (NSES)	21	核电与动力工程 Nuclear Electricity and Power Engineering	核反应堆热工水力与安全	Nuclear thermal hydraulics and safety
			核电厂系统与设备	Nuclear power plant systems and equipments
			核反应堆中子物理与屏蔽	Nuclear reactor neutronics and sheilding
			高能物理与粒子物理	High energy physics and particle physics
			先进辐射探测技术	Advanced radiation detection technology

◆ **Files Requirements**

Applicants are required to complete and submit the following materials to icdfs@ncepu.edu.cn before 30th, June 2016.

∗All materials should be presented in the original or copies with official certificate

∗ Application materials should be in Chinese or English

∗ Application materials and application fee will not be returned

∗ Above 18 years old and under 40 years old

1 North China Electric Power University Application Form.
2 Study Plan
3 Two Recommendations
4 HSK Certificate (Level 5)
5 Transcripts of Master Studies. (Must be notarized)
6 Diploma of Master Studies (Must be notarized)
7 Graduation Certificate of Master Studies (Must be notarized)
8 Copy of Passport
9 No Criminal Record Certificate
10 Guarantor Form and Copy of Guarantor's ID

◆ **Fees**

1 tuition ：35000yuan/year；

2 application fee：500yuan（only accept cash payment，be paid when registering）

3 comprehensive insurance fee：800yuan/year

4 accommodation ：

International Student Dormitory: 40yuan/ per person/day, 500yuan for deposit

Students apartment building No.13: 50yuan/ per person/day, 2000yuan for deposit

The fees must be one-off paid every semester or year when you check in. Deposit will be refunded when you check out.

Electricity: you have a free quota every month. Beyond this, you need to pay by yourself.

5. Advanced Student Program

◆ Introduction

Chinese Language Program

International Education Institute offers Chinese language program of different levels on a Small Class basis. We have Zero starting point class, lower level classes, elementary class, intermediate class, advanced Class; Chinese speaking course, listening course, reading course, comprehensive course, writing course and HSK training course. Besides, according to the students' requirements，we set up Chinese culture experience class including Martial arts class, calligraphy class, Taijiquan class, Paper cutting class, diabolo class, Chinese dance class, Chinese Folk Music class. The faculty and staff in Chinese language teaching center are young, professional, experienced. The center has 2 professors, 6 associate professors, 6 lecturers, and they all have master's or higher degree.

General Scholar Program

General Scholar Program is for the students who are studying for Bachelor degree. Study period is 1 year. Students can study undergraduate course in related major.

Senior Scholar Program

Senior Scholar Program is for the students who are studying for Master or Ph.D. degree. Study period is 1 year. Students can study graduate course in related major with supervisor.

◆ Student category /Files Requirements

(more details refer to http://iei.ncepu.edu.cn/)

category	Period	Period of Study	Application Date
Chinese Language Student	1 semester /1 year	1 North China Electric Power University Application Form. 2 Diploma and Transcripts of Most Advanced Studies or Studying certificate 3 Guarantor Form and Guarantor's ID 4 No Criminal Record Certificate 5 Copy of Passport 6 Guardian Certificate and Copy of Guardian's ID (Students whose ages are under 18)	Applicants are required to complete and submit the required materials to icdfs@ncepu.edu.cn. Spring semester deadline is 30th, Dec, 2015; Fall semester deadline is 30th, June, 2016.
General Scholar	1 year， study undergraduate course		
Senior Scholar	1 year，study postgraduate course; Supervised Learning	1 North China Electric Power University Application Form. 2 Diploma and Transcripts of Most Advanced Studies or Studying certificate 3 Guarantor Form and Guarantor's ID 4 No Criminal Record Certificate 5 Study Plan 6 Copy of Passport 7 Guardian Certificate and Copy of Guardian's ID (Students whose ages are under 18)	

∗All materials should be presented in the original or copies with official certificate

∗ Application materials should be in Chinese or English

∗ Application materials and application fee will not be returned

◆ Fees

1、 Tuition:

Chinese Language: 1 semester,10000yuan; 1 year,18000yuan;

General scholar, 22000yuan/year; Senior scholar, 30000 yuan/year

2、 application fee：500yuan（only accept cash payment，be paid when registering）

3、 comprehensive insurance fee：800yuan/year

4、 accommodation ：

International Student Dormitory: 40yuan/ per person/day, 500yuan for deposit

Students apartment building No.13: 50yuan/ per person/day, 2000yuan for deposit

The fees must be one-off paid every semester or year when you check in. Deposit will be refunded when you check out.

Electricity: you have a free quota every month. Beyond this, you need to pay by yourself.

6. Scholarships

◆ Chinese Government Scholarship （CGS/CSC）

In order to promote the mutual understanding, cooperation and exchanges in politics, economy, culture, education and trade between China and other countries, the Chinese government has set up a series of scholarship programs to sponsor international students, teachers and scholars to study and conduct research in Chinese universities. China Scholarship Council (hereinafter referred to as CSC), entrusted by the Ministry of Education of People's Republic of China (hereinafter referred to as MOE), is responsible for the enrollment and administration of Chinese Government Scholarship programs.

Applicants should submit application to CSC through related local governmental department. Students who need pro-admission should send all required application documents for CGS to icdfs@ncepu.edu.cn.

For more information, please check http://www.csc.edu.cn/Laihua/.

◆ Chinese Government Scholarship—Chinese University Program (CGS/CSC-CUP)

Chinese Government Scholarship—Chinese University Program is a full scholarship established by MOE to support Chinese universities in specific provinces or autonomous regions to enroll outstanding international students for graduate studies in China. This scholarship only supports master's students for no more than 3 years or doctoral students for no more than 4 years. Applicants should apply to NCEPU undertaking this program between January and the end of March. For more information, please check http://www.csc.edu.cn/Laihua/ and http://studyatncepu.ncepu.edu.cn.

◆ Beijing Government Scholarship（BGS）

In order to promote the development of higher education of International students in Beijing, further improve the talent cultivation, scientific research, social service, and cultural exchange, Beijing Government has set up the Scholarship (BGS) for International students. International student office of NCEPU is responsible for accepting and appraisal applications for studying in NCEPU. The deadline is the end of April.

◆ Confucius Institute Scholarship（CIS）

For the purpose of supporting the development of Confucius Institutes, facilitating international promotion of Chinese language and dissemination of Chinese culture, as well as cultivating qualified Chinese-language teachers and excellent Chinese-language learners, Confucius Institute Headquarters/Hanban (hereinafter referred to as Hanban) launches a "Confucius Institute Scholarship" program to sponsor foreign students, scholars and Chinese language teachers to study Chinese in relevant universities of China (hereinafter referred to as "Host Institutes").

Applicants can log on to the Confucius Institute Scholarship website at

http://cis.chinese.cn, set up an individual account, complete the Confucius Institute Scholarship Application form online, print out the form and sign it.

7. Accommodation

NCEPU has two apartments for foreign students: International Student Dormitory and Students apartment building No.13. All dormitories are double room. International Student Dormitory: 40yuan/ per person/day, 500yuan for deposit. Students apartment building No.13: 50yuan/ per person/day, 2000yuan for deposit.

The rooms are furnished with air-condition, TV, single bed, bedside cupboard, garderobe, desk, square stool and private Bathroom. There is an operable kitchen in the balcony, equipped with smoke discharged machine, induction cooker and refrigerator in the rooms of building No.13. Furthermore, there are a service counter, a convenience store and a self-service laundry in the first floor, respectively.

8. Address and Contacts

International Students Office （Main Building Room 827）
International Education Institute
North China Electric Power University
NO.2, Beinong Road, Huilongguan, Changping District, Beijing, 102206, P.R.China
Post code：102206
Tel :0086-10-61772074
Fax：0086-10-61772408
E-mail：icdfs@ncepu.edu.cn
Website：http://iei.ncepu.edu.cn/
http://studyatncepu.ncepu.edu.cn