

2014 版人文地理与城乡规划专业培养方案

Human Geography and Urban Planning

专业代码 (Major Code): 070503

专业名称 (Major Name): 人文地理与城乡规划(Human Geography and Urban Planning)

一、培养目标体系

I. Objectives

1. 人才培养目标(Objectives)

(1) 基本培养目标(General Objectives)

培养的学生身心健康、知识结构合理,有健全的人格、高尚的人文情怀和社会责任感,有一定的批判思维与创新能力、科学研究能力、语言文字表达能力、终身学习能力和组织管理能力,具有国际视野和团队合作精神。

Students are nurtured to be both physically and psychologically healthy. They are expected to have a wholesome personality, a value for humanistic pursuits, and a sense of social responsibility, as well as the ability to think critically and innovatively, good writing and communication skills, an orientation towards life-long learning, and a proficiency in organization and management. Moreover, they should have an international mindset and be able to work well in a team context.

(2) 专业培养目标(Professional Training Goals)

本专业培养具备人文地理与城乡规划管理的基本理论、知识和技能,具有创新精神和实践能力,接受严格科学思维的训练和良好的专业技能训练,立足于宏观、中观区域规划和土地管理,能在政府决策部门、企事业单位和科研院所从事环境开发、保护与规划,城乡建设与区域经济发展规划的复合型专业人才。

Through strict training in this major for four years, the graduates can grasp the basic theory on human geography and skill on urban planning. They become innovative and interdisciplinary talents in both research fields and urban planning practices. They are familiar with region planning and land use management at the level of macro and micro. They should be technical experts or managers in their work teams, for example, policy-making division, enterprises and business, scientific and research institution, in the fields of environmental protection, urban development, and regional planning.

2. 毕业生应掌握的基本知识(Graduates are required to acquire)

(1) 毕业生应掌握的基本知识(Basic knowledge)

A₁ 历史、哲学、文学、艺术等领域的基本知识(培养学生具有正确的历史观、世界观、人生观、价值观、审美观)。

A₁. Of the arts and humanities, which includes history, philosophy, literature and art (to train students to understand different perspectives of history, the world, life, values and aesthetics)

A₂ 社会科学学科研究方法的基本知识（让学生掌握社会科学的基本知识，了解基本研究方法，具有人文情怀和社会责任感）

A₂. Of social science disciplines and their research methods (to equip students with basic research skills, a value for culture and society, and an understanding of social responsibilities)

A₃ 数理与逻辑分析以及物理学的基础知识（让学生掌握数理与逻辑分析、大学物理的基本知识）

A₃. Of mathematics, logic and physics (to train students in basic logical analysis, critical thinking, and problem solving)

A₄ 现代信息技术的基本知识（让学生掌握现代网络技术、通信技术和信息处理技术等的基本知识）

A₄. Of modern information technology (IT) (to enable students to use modern technologies regarding the internet, communication, and information processing)

A₅ 生态环境、生命科学、经济管理等方面的基本知识（让学生掌握自然环境与社会发展、经济管理与社会科学、科技发展与文明传承、文明对话与国际视野等方面的基本知识）

A₅. Of ecological environment, life sciences, and economic management (to provide students with a basic understanding of the natural world, economics, civilization, sociology, etc.)

(2) 本科生应掌握的专业知识 (Major-specific knowledge required for graduates includes)

A₆ 掌握人文地理与城乡规划的基本理论、基本知识和基本技能，了解人文地理学的理论与前沿发展、应用前景，了解相近专业如城市规划、环境科学和管理科学的一般原理和方法，了解城市规划、可持续发展战略等有关国家政策和法规，了解城乡规划管理的理论前沿、应用前景和最新发展。

Mastered essential theories, fundamental knowledge and technologies in the field of human geography; Knowing frontier theories, new development and apply prospects in the field of human geography and urban planning; Knowing general principles and methods of related majors, for example, urban planning, environmental science and management; Acquaint with the related policies, rules in the field of urban planning and sustainable development; Knowing frontier theories, new development and apply prospects in the field of rural-urban management.

A7 掌握人文地理、城乡规划等方面的研究和应用技术，掌握资料调查与收集、文献检索及运用现代信息技术获得相关信息的基本方法。

Mastered some special skills, for example, survey, analyze the construction of urban and rural areas, work out a development planning.

A8 掌握高等数学基本知识与应用技能，掌握一门外语和计算机应用技能，达到规定的等级。

Grasp higher mathematics knowledge, and know how to use them, their foreign language level and computer application ability can achieve the rank for graduate

3. 毕业生应具备的基本能力(Graduates are required to have)

(1) 毕业生应具备的基本能力(General abilities)

B₁ 清晰思考和用语言文字准确表达的能力

B₁. To think clearly and express oneself well

B₂ 发现、分析和解决问题的能力

B₂. To discover, analyze and solve problems

B₃ 批判性思考、创造性工作以及终身学习的能力

B₃. To think critically, innovate and pursue lifelong learning

B₄ 组织、管理与领导能力，与人合作共事的能力

B₄. To organize, manage, direct and cooperate

B₅ 对文学艺术作品的基本鉴赏能力

B₅. To appreciate literary and artistic works

(2) 毕业生应具备的专业能力(Major-specific abilities required for graduates include:)

B6 具有较熟练的遥感、遥测和 GIS 技术的操作能力，具有分析、归纳、整理相关数据和撰写论文的能力；

handle and analyze with data of remote sensing and GIS, and then write thesis.

B7 接受良好的科学思维和科学方法的基本训练，具有创新意识、协同攻关能力及科学研究的初步能力；

Accepted system train about scientific thoughts and methods, and have initial ability of innovating, cooperating with team members, and research.

B8 具备丰富的人文科学素养，具备健全的人格和健康的身心，具有较强的调查研究与决策能力、组织管理能力、口头与文字表达能力，具有较好的组织管理能力、较强的沟通能力、环境适应能力

和团队合作能力。

Possess abundant humanity accomplishment, right personality and health psychology; possess many abilities, such as survey, management, expression and communicating by oral or writing, and adapting with environments.

4. 毕业生应养成的基本素质(Qualities graduates should have)

(1) 毕业生的基本素质(Basic qualities)

C₁ 志存高远、意志坚强（以传承文明、探求真理、振兴中华、造福人类为己任，矢志不渝）

To be ambitious and strong-willed (to uphold cultural traditions, seek truth, shoulder unwaveringly the responsibility to rejuvenate the Chinese nation and contribute to humanity)

C₂ 刻苦务实、精勤进取（脚踏实地，不慕虚名；勤奋努力，追求卓越）

To be assiduous, pragmatic, industrious and progressive (to be realistic, free of fame lust , hard-working and striving for excellence)

C₃ 身心和谐、视野开阔（具有良好的身体和心理素质；具有对多元文化的包容心态和宽阔的国际化视野）

To have harmony between body and mind, broad perspectives and open-mindedness (to be strong physically and mentally, have a multicultural and tolerant attitude and a broad international perspective)

C₄ 思维敏捷、乐于创新（勤于思考，善于钻研，对于推陈出新怀有浓厚的兴趣，富有探索精神并渴望解决问题）

To be quick-thinking and willing to innovate (to excel in critical thinking and research, strive for constant progress and innovation, have a spirit of exploration and desire to find solutions to world problems)

(2) 毕业生的专业素质(Major-specific qualities)

C₅ 具有较好的自然科学知识基础和人文社会科学素养。

Grasp system natural scientific knowledge and humanity accomplishment.

C₆ 系统性掌握人文地理学和城乡规划学的基本原理，了解人文地理学与城乡规划学科领域的理论前沿和应用前景。

Mastered essential theories in the field of human geography and urban planning; Knowing frontier theories, new development and apply prospects in the field of human geography and urban planning;

C₇ 能熟练进行手绘规划设计和运用 3S、AutoCAD、Photoshop、3DMAX 等计算机辅助设计软件开展实际规划设计工作。

Launch planning and designing by using 3S, AutoCAD, Photoshop, 3DMAX, and so on.

C₈ 熟悉城乡规划和工程项目开发、资源开发利用、环境保护等相关领域的政策与法规。

Be familiar with related policies and laws in the related fields, for example, rural-urban development, resource use and environmental protection.

C9 具备利用专业技术方法和先进理念，独立或团队合作开展具有一定水平的规划设计和创新管理能力。

Launch planning and designing a project by himself or with teamwork.

二、基本要求

II. Basic Requirements

本专业强调以理为主，农、文、理、管等多学科交叉渗透，使学生得到严格的科学思维与综合分析能力训练；

Science is the important content for this major, at the same time, the major emphasize the interdisciplinary knowledge, including agronomy, humanity, science and management. Students will experience a special trained process to improve their capability of analyzing science problem.

了解和掌握自然和人工生态环境协调持续发展等方面的基本理论和专业技能；

Grasp basic theories and technologies in sustainable development of nature and human environment.

能够运用环境科学、生态学、经济学及可持续发展理论等知识和方法进行资源环境的开发与管理；

Graduates can grasp the multi-discipline knowledges, including environmental science, ecologic, economics and sustainable development; they should have the abilities of resource development and management, engineering practices, scientific research and management, which can be listed as follows:

掌握中小城镇建设与设计、市政工程设计、城乡与区域资源经济合理配置的方法。

Mastered some special skills, for example, designing a small town, a project in construction of urban and rural areas, work out a development planning.

三、主干学科及相关学科

III. Main and Relevant Subjects

主干学科 Main subject(s): 地理学(geography)、城市规划(urban planning)

相关学科 Relevant subject(s): 生态学(ecology)、环境科学(environmental science)

四、核心课程

IV. Core Courses

测量学、地图学、自然地理学、自然资源学、遥感技术、地理信息系统、生态学、环境经济学、画法几何与建筑工程制图、计算机辅助规划设计、区域分析与规划、城市地理学、城市规划原理、规划快题设计、土地资源学、建筑学基础、旅游规划、城镇总体规划、村镇规划、土地利用规划、城镇绿地规划设计等。

Surveying, cartography, physical geography, introduction to remote sensing, geographic

information systems, ecology (teaching in English), natural resources and environmental economics (teaching in English), descriptive geometry and construction drawings, computer aided design, regional planning and urban system planning, urban geography, economic geography, urban planning principles, fast design for planning, land resources, foundational architecture, Tourism planning, urban master plan, village-town planning, land use planning, urban green space planning and design,

五、实践教学环节

V. Hands-on Experience

军训、生物学实习、工程训练、毕业论文、劳动、自然地理学实习、测量学实习、城市规划原理实习、地理信息系统实习、土地利用规划实习、区域分析与规划实习、城镇总体规划实习、村镇规划实习、草坪学实习、城镇绿地规划实习、旅游规划实习、生态规划实习等

military training, engineering training, thesis for graduating, required labor work, and practices based on related specialty courses, including physical geography, cartography, urban planning principles, geographic information systems, land-use planning, regional planning and urban system planning, urban master plan, village-town planning, grass-plot planning in urban, tourism planning, ecology planning.

六、学分分配

VI. Credits Allocation

课 程 Course 学 分 Credit	课程教学 Courses				实践教 学环节 Hands-on Experience	合计 Total
	必修课 Compulsory		选修课 Optional			
	通识类 General	学科类 Specialized	通识类 General	学科类 Specialized		
学 分 Credits	56.00	39.00	6.00	50.00	30.00	180.00
额定学分 Minimum Credits	56.00	39.00	6.00	29.00	30.00	160.00
学分比例 (%) Percentage	35.00	24.37	3.75	18.15	18.75	100.00

若分类，请列出各类的学分分配。

七、学制

VII. Duration

四年 (Four years)

八、学位

VIII. Degree

理学学士 (Bachelor of Agriculture)

九、毕业条件

IX. Graduation Requirements

毕业额定学分: 160 学分 (课内) + 8 学分 (课外)。

Minimum credits for graduation: 160 credits (curricular) + 8 credits (extracurricular).

课内: 必修课 95 学分, 选修课 35 学分, 实践教学环节 30 学分。

Curricular: 95 credits for compulsory courses, 35 for elective courses, and 30 for hands-on experience.

课外: 素质与能力拓展 8 学分。

Extracurricular: 8 credits for innovation and skill development.

取得额定学分, 方可准予毕业。

Minimum credits are required for graduation.