

城乡规划专业培养方案

Undergraduate Program of Urban and rural planning

I. 专业介绍 Introduction

城乡规划是指对一定时期内城乡经济和社会发展、土地使用、空间布局以及各项建设的综合部署、具体安排和实施管理。西南交通大学城乡规划专业，是城乡规划和管理、城乡资源配置和城乡空间治理领域的综合性学科。该专业汇集我校交通学科优势、地域研究特色以及在城乡规划领域的科研积累，为西部地区城乡经济社会的全面发展、城乡规划人才培养和城乡建筑事业做出了重要贡献。

Urban and rural planning refers to the comprehensive deployment, specific arrangement and implementation management of urban and rural economic and social development, land use, spatial layout and constructions in a certain period of time. The Urban and Rural Planning major of Southwest Jiao-tong University is a comprehensive subject which involves urban and rural planning and management, resource allocation, and space governance. This major brings together the advantages of transportation subjects, regional research characteristics and scientific research accumulation in urban and rural planning, and has made important contributions to the development of urban and rural economy and society, the training of professional talents and the construction of built environment in urban and rural areas.

西南交通大学是我国最早引入现代城乡规划课程的高校之一，早在 20 世纪 20-30 年代，西南交通大学的前身启动了早期的城市规划教学。1997 年，西南交通大学城市规划专业正式招生，学制 5 年；2003 年设置城市规划与设计硕士点，2006 年，城市规划专业通过本科教育评估；2010 年优秀通过本科教育评估复评；2012 年，城乡规划专业获批四川省卓越工程师培养试点；2012 年为与“城乡规划学”为一级学科相适应，专业名称改为“城乡规划”。2014 年通过城乡规划学学位研究生教育评估；2016、2022 年连续两次以优秀通过本科及硕士教育评估复评。2020 年，城乡规划专业入选“国家级一流本科专业建设点”。城乡规划学科现已形成“城乡规划与设计”、“城市土地利用与交通规划”、“城乡规划技术科学”、“城乡历史遗产与保护”、“社区与住房规划”五个学科方向，具有鲜明的“交通”和“地

域”特色。

Southwest Jiao-tong University is one of the earliest universities in China to introduce modern urban and rural planning courses. As early as in the 20s and 30s of the 20th century, the predecessor of Southwest Jiao-tong University initiated the early teaching of urban planning. In 1997, the Urban Planning major of Southwest Jiaotong University officially enrolled students for 5 years; in 2003, the Urban Planning and Design Master's degree was established. In 2006, the urban planning major passed the undergraduate education assessment; in 2010, it excellently passed the undergraduate education reassessment; in 2012, urban and rural planning major was approved for the Pilot Training of Outstanding Engineers in Sichuan Province; in 2012, the major's name was changed to “urban and rural planning” for the purpose of adapting to the "urban and rural planning" as a first level discipline. In 2014, it passed the assessment of graduate education of urban and rural planning. In 2016 and 2022, it excellently passed the undergraduate and master's education reassessment. In 2020, urban and rural planning in Southwest Jiao-tong University was selected as national first-class undergraduate major construction site. The discipline of urban and rural planning has now established five research and development direction, namely, urban and rural planning and design, urban land use and transportation planning, technical science of urban and Rural Planning, Urban and rural historical heritage and protection, and community and housing planning, with prominent features of “transportation” and “regional” studies.

专业代码: 082802

Program Code: 082802

专业名称: 城乡规划

Program Name: Urban and Rural Planning

II.培养目标 Objectives

1. 城乡规划方向

城乡规划专业以培养德智体美劳全面发展的社会主义建筑者和接班人为基本目标，落实立德树人根本任务，深化本科教育教学改革，坚持“以学生为中心”

的教育理念，构建全面发展与个性发展相融合的拔尖创新人才培养体系，致力培养具备坚实的城乡规划设计基础理论知识与应用实践能力，能够胜任城乡规划编制、管理和科学研究工作的高素质创新型专业人才和行业的中坚人才。

The urban and rural planning major aims for cultivating socialist builders and successors with all-round development of moral, intellectual, and physical education, implementing the fundamental tasks of people cultivation, deepening the reform of undergraduate education and teaching, and adhering to the educational idea of "student-centered", constructing the training system of top-notch innovative talents with the fusion of all-round development and individual development. Furthermore, this major is committed to cultivating high-quality, innovative professionals and industry stalwart talents equipped with the basic theoretical knowledge in urban and rural planning, and possessing the ability to apply theory into practice, thus competent for the job of planning and design company, planning administrative department and planning research institute.

2. 国土空间规划方向

国土空间规划专业以培养德智体美劳全面发展的社会主义建设者和接班人为基本目标，落实立德树人根本任务，深化本科教育教学改革，坚持“以学生为中心”的教育理念，构建全面发展与个性发展相融合的拔尖创新人才培养体系，致力培养具备宽厚的国土空间规划理论基础，综合的国土空间规划方法与技能，卓越的规划设计基础及应用实践能力，富有社会责任感和团队精神，具有战略思维和全局视野，能在科研机构、高等院校、政府机关和企事业单位从事自然资源与国土空间规划工作的高素质复合型人才和行业的中坚人才。

The program of territorial and spatial Planning aims for cultivating socialist builders and successors with all-round development of moral, intellectual, and physical education, implementing the fundamental tasks of people cultivation, deepening the reform of undergraduate education and teaching, and adhering to the educational idea of "student-centered", constructing the training system of top-notch innovative talents with the fusion of all-round development and individual development. Furthermore, this major is committed to cultivating high quality, interdisciplinary professionals and industry stalwart talents equipped with the basic theoretical knowledge in territorial and spatial planning, and possessing the ability to apply theory into practice, thus competent for the job of territorial and spatial planning

and design company, administrative department and research institute.

III.专业毕业要求 Graduation Requirements

本专业毕业要求培养“有社会担当和健全人格、有职业操守和专业才能、有科学素养和人文情怀、有历史眼光和全球视野、有创新精神和批判思维”的“五有”交大人，德智体美劳在校期间得到全面发展，修完“城乡规划专业五年制教学安排一览表”规定的必修课和选修课，总学分达到 200.5 学分，在素质结构、知识结构和能力结构达到基本要求。

The graduation of this major requires the training of “five-youths” of Southwest Jiao-tong University, who have social responsibility and sound personality, professional ethics and professional talents, scientific literacy and humanistic feelings, a historical vision and a global vision, innovative spirit and critical thinking. During school days, each student should be fully developed, and complete the compulsory and elective courses specified in the “List of Five-Year Teaching Arrangements for Urban and Rural Planning Majors”. The total credits are required to reach 200.5credits, and the basic requirements for quality structure, knowledge structure and capacity structure are met.

1.素质结构要求 Quality Structure Requirements

1.1 具有强烈的爱国主义精神和民族精神，具有坚定的社会主义核心价值观信念与觉悟，具有较高的政治觉悟和思想品质，具有国家安全意识和生态文明意识；在规划设计及管理，中，能把握基本国情，贯彻科学的世界观、方法论。

Students should have strong patriotism and national spirit, firm beliefs and awareness of socialist core values, high political consciousness and ideological quality, and national security awareness and an ecological civilization awareness; in planning and design and management, they should be able to grasp the basics national conditions, and implement the scientific world view and methodology.

1.2 具备正确的价值观、健全的人格、高尚的道德素养和优良作风、严谨的职业修养；具有扎实的自然科学和人文社会科学基础、良好的专业素质、人文修养和身心素质；具有健康体魄、良好心态以及人际交往能力，热爱集体、关心社会；崇尚劳动、具备优秀的团队合作精神、良好行为习惯，对个人和集体目标、团队利益负责的职业精神。

Students should have correct values, sound personality, noble moral quality and excellent style, rigorous professional ethics; solid foundation of natural sciences and humanities and social sciences; good professional quality, humanistic cultivation and physical and mental quality; healthy bodies, good mentality as well as interpersonal skills. They should love the collective, care for the society; advocate labor and have excellent teamwork spirit, good behavior habits, and the professionalism of responsibility for individual and collective goals and team interests.

1.3 具备开放的学术视野、具有国际交流和现代意识，具有较好的外国语阅读、交流、写作能力。

Students should have an open academic vision, international communication and modern awareness, and have a good command of reading, communicating and writing skills by using foreign languages.

2.知识结构要求 Knowledge Structure Requirements

2.1 人文社会科学基础知识：Basic Knowledge of Humanities and Social Sciences:

2.1.1 人文社科知识：具备基本的历史知识和较高的文化素养，具备良好的美学素养、审美能力和艺术表达能力；

2.1.1 Humanities and Social Sciences: Students are supposed to have basic historical knowledge and high cultural literacy, and aesthetic quality, aesthetic ability and artistic expression ability;

2.1.2 自然科学知识：具备基本的自然科学知识，包括环境保护、生命系统、应用数学等本专业相关的必备知识；了解逻辑学、辩证法、经济制度和法治制度的基本知识；

2.1.2 Natural Science Knowledge: Students should have basic knowledge of natural science, including essential knowledge related to this major such as environmental protection, life systems, applied mathematics, etc. Then, they should comprehend basic knowledge of logic, dialectics, economic system and rule of law system;

2.1.3 计算机及互联网知识：具备适应科学发展趋势的计算机及互联网知识和相应的技术应用能力。

2.1.3 Computer and Internet Knowledge: Students should have computer and Internet knowledge adapted to the trend of scientific development and corresponding

technical application capabilities.

2.2 专业知识: Expertise:

2.2.1 学科基础知识: 掌握适应专业学习、实践及未来发展需要的自然科学、工程学科基础知识和分析方法;

2.2.1 Basic Knowledge of the Subject: Students should master the basic knowledge and analytical methods of natural sciences and engineering disciplines that are suitable for professional learning, practice and future development;

2.2.2 专业基础知识: Professional Basic Knowledge:

城乡规划方向: 掌握城乡规划与设计的概念、原理和方法; 掌握城市发展与规划历史、城市更新与保护、城市生态相关理论和方法; 掌握城乡可持续发展技术的基础知识; 掌握空间治理理论与方法; 掌握区域分析与规划理论和方法; 熟悉城乡规划设计及表达方法; 掌握相关调查研究与综合表达方法与技能; 掌握城乡道路与交通系统规划的基本知识与方法; 掌握适应本专业学习、实践及未来发展需要的其他相关知识。

Urban and rural planning: Students should master the concepts, principles and methods of urban and rural planning and design; history of urban development and planning, urban renewal and protection, urban ecological related theories and methods; the basic knowledge of urban and rural sustainable development technologies; spatial governance theories and methods; the region analytical and planning theories and methods; Meanwhile, they should be familiar with urban and rural planning design and its expression methods, relevant research and comprehensive expression methods and skills; the basic knowledge and methods of urban and rural road and transportation system planning; and other relevant knowledge that are suitable for the learning, practice and future development needs of the major.

国土空间规划方向: 掌握国土空间规划的基本概念、原理和方法; 掌握国土空间规划体系下的城乡规划类和地理类基础理论知识; 掌握资源环境保护、修复、治理与开发相关理论与方法; 掌握区域分析与规划理论和方法; 掌握国土空间治理理论与方法; 了解城乡建设发展与规划历史; 了解城市更新与保护相关理论和方法; 熟悉城乡规划与设计的基本原理与表达方法; 熟悉城乡道路与交通系统规划的基本知识与方法。

Territorial and Spatial Planning: Students should master the concepts,

principles and methods of territorial and spatial planning; the basic theoretical knowledge of urban and rural planning and geography under the territorial and spatial planning system; the theories and methods related to resource and environmental protection, restoration, governance and development; the region analytical and planning theories and methods; spatial governance theories and methods. Meanwhile, they should understand the history of urban development and planning; theories and methods of urban renewal and protection. They should be familiar with urban and rural planning design and its expression methods; the basic knowledge and methods of urban and rural road and transportation system planning.

2.2.3 专业相关知识： Professional Related Knowledge:

城乡规划方向：熟悉城乡规划编制与管理的法规、技术标准；熟悉土地等自然资源管理、城乡规划编制与建筑项目管理的政策法规和标准规范；计算机制图编程、系统数据统计分析、GIS 等相关技术应用；熟悉城乡建筑空间形态、美学、设计技法等的一般知识；具备良好艺术修养并运用在专业实践中的能力；

Urban and rural planning: Students should be familiar with regulations and technical standards for urban and rural planning and management; policies and regulations and standards for natural resource(like land) management, urban and rural planning compilation and construction project management; computer graphic programming, statistical analysis of systematic data, GIS and other related technologies; And they should be familiar with the general knowledge of spatial form of urban and rural construction, aesthetics, design techniques, etc. and have good artistic accomplishment and apply it in professional practice;

国土空间规划方向：掌握国土空间规划编制与管理的法规、技术标准；掌握土地等自然资源管理、城乡规划编制与建设项目管理的政策法规和标准规范；掌握以 GIS 和大数据为核心的相关统计、分析、预测等技术；了解生态学、资源学、经济学、社会学、农学、管理学相关理论知识；了解土地规划、产业规划、环境规划、基础设施规划等相关理论和技术方法；熟悉数据科学、人工智能等交叉学科发展前沿领域；熟悉适应本专业学习、实践及未来发展需要的其他相关知识。

Territorial and Spatial Planning: Students should master regulations and technical standards for territorial and spatial planning and management; policies and regulations and standards for natural resource(like land) management, urban and rural planning compilation and construction project management; computer graphic

programming, statistical analysis of systematic data, GIS and other related technologies. They should understand the related theoretical knowledge of ecology, resource science, economics, sociology, agriculture and management; related theories and techniques of land planning, industrial planning, environmental planning and infrastructure planning. They should be familiar with the frontier areas of data science and artificial intelligence; the other relevant knowledge to meet the needs of professional learning, practice and future development.

2.2.4 专业拓展知识: Professional Expanding Knowledge:

城乡规划方向: 了解城乡市政设施系统规划基本知识与技能; 了解经济社会类、建筑土木工程类、景观环境工程类等相关专业知识; 了解数据科学、人工智能等交叉学科发展前沿领域; 具备交通特色突出, 地域特色明显的知识体系和专业能力。

Urban and rural planning: Students should understand the basic knowledge and skills of urban and rural municipal engineering facilities system planning; economic and social categories, building civil engineering, landscape environmental engineering and other related professional knowledge; and understand the frontier areas of interdisciplinary development fields like data science, artificial intelligence and so on. They should also have a distinctive knowledge system and professional competence with prominent traffic characteristics and distinct regional characteristics.

国土空间规划方向: 了解城乡建设空间形态、美学等的一般知识; 了解规划的公共利益观、可持续发展观等一般知识; 了解经济社会类、景观环境工程类、地质类等相关专业知识; 了解水资源、耕地、林地、草地、湿地资源环境安全底线以及生物多样性保护等相关专业知识; 了解陆海空统筹和海洋空间的开发与保护。具备交通特色突出, 地域特色明显的知识体系和专业能力。

Territorial and Spatial Planning: Students should understand the general knowledge of urban and rural spatial form, aesthetics, design techniques and so on; the general knowledge of the conception of public interest and sustainability in urban and rural planning; the related professional knowledge of sociology, geology, landscape environmental engineering; the related professional knowledge of the resources protection of water, cultivated land, woodland, grassland and wetland and biodiversity protection; the integration of the development and protection of land, sea and air space. They should also have a distinctive knowledge system and professional competence

with prominent traffic characteristics and distinct regional characteristics.

2.2.5 专业前沿知识: Professional Frontier Knowledge:

城乡规划方向: 积极参加社会实践,了解国内外城乡研究与规划的新方向和进展。

Urban and rural planning: Students should actively participate in social practice and understand the new directions and progress of urban and rural research and planning at home and abroad.

国土空间规划方向: 积极参加社会实践,了解国内外国土空间规划研究与实践的新方向和进展。

Territorial and Spatial Planning: Students should actively participate in social practice and understand the new directions and progress of territorial and spatial planning at home and abroad.

3. 能力结构要求 Capacity Structure Requirements

3.1 前瞻预测能力: Forward-looking Prediction Ability:

城乡规划方向: 具有对城乡发展历史规律的洞察能力,具备预测社会未来发展趋势的基本能力,以支撑开展城乡未来健康发展的前瞻性思考。

Urban and rural planning: Students should have the ability to perceive the historical laws of urban and rural development, predict the future development trend of the society, and thus to Indicators which Support Graduation Requirements the forward-looking thinking of the future development of urban and rural areas.

国土空间规划方向: 具有对区域空间演变规律的洞察能力,具备预测自然地域和城乡地域未来演变趋势的基本能力,以支撑开展区域空间保护与发展的前瞻性思考。

Territorial and Spatial Planning: Students should have the ability to perceive the historical laws of regional spatial change and to predict the future evolution trend of natural areas and urban and rural space, which shall support students' forward-looking thinking of the future development and protection of regional space.

3.2 综合思维能力: Comprehensive Thinking Ability:

城乡规划方向: 能够将城乡各系统综合理解为一个整体,同时了解在此整体中各系统的相互依存关系,能够打破地域和文化的制约,形成区域整体发展愿景。

Urban and rural planning: Students should consider the various systems in

urban and rural areas as a whole, understand the interdependence of various systems in this whole, and break the constraints of geography and culture, and form a vision for the overall development of the region.

国土空间规划方向：具有宽广的地理学视角和宏观的复杂系统规划思维，能够将区域各空间系统综合理解为一个整体，同时了解在此整体中各系统的相互依存关系，能够打破地域和文化的制约，形成区域整体保护与发展愿景。

Territorial and Spatial Planning: Students should have a broad geographical perspective and the way of thinking for planning complex system. Students should consider the various systems in regions as a whole, understand the interdependence of various systems in this whole, and break the constraints of geography and culture, and form a vision for the overall development of the region.

3.3 专业分析能力：Professional Analysis Ability:

城乡规划方向：掌握城乡发展现状剖析的内容和方法，能够应用预测方法对规划对象的未来需求和影响进行分析推演，发现问题、特征及规律，并提出规划建议。

Urban and rural planning: Students should master the contents and methods of urban and rural development status analysis, and have the ability to apply forecasting methods to analyze and deduct the future needs and impacts of planning objects, finding problems, characteristics and rules, and propose planning suggestions.

国土空间规划方向：掌握区域保护与发展现状剖析的内容和方法，能够应用科学预测方法对规划对象的未来需求和影响进行分析推演，发现问题、特征及规律，并提出规划建议。具有较高的国土空间规划专业相关软件操作水平，熟知国土空间规划专业领域前沿技术，能够熟练运用计算机技术辅助开展分析研究和应用实践，并具备从事国土空间规划相关领域的规划、设计、评价、开发、运行及管理等工作能力。

Territorial and Spatial Planning: Students should master the analysis content and methods of the current situations of regional protection and development. Students should be able to apply scientific forecasting methods to analyze and deduce the future demand and impact of planning, to find spatial problems, characteristics and laws, and put forward planning suggestions. Students should have a high level of software operation related to territorial and spatial planning, be familiar with the frontier technology in the field, and be able to skillfully use computer technology to assist in

analysis, research and application practice. Students should have the ability to engage in the jobs of planning, design, evaluation, development, operation and management in the field of territorial spatial planning.

3.4 公正处理能力：能够考虑不同利益群体的不同需求，尤其是对社会弱势群体利益的影响，并寻求城乡资源的公平公正分配，并在此基础上达成共识，解决城乡社会矛盾，实现和谐发展。

3.4 Fair Handling Capacity: Students should consider different needs of different interest groups, especially the impact on the interests of social vulnerable groups, and seek fair and equitable distribution of urban and rural resources, reaching a consensus on this basis and thus to resolve urban and rural social contradictions and achieve harmonious development.

3.5 共识沟通能力：能够与委托方、相关部门、利益相关主体等进行有效沟通，广泛听取各方意见与建议，能够有条理、有重点地汇报规划方案和调研成果；能够在团队合作中各司其责，合理组织安排分工协作事宜，领导团队完成不同阶段的主要任务。

3.5 Consensus communication Capabilities: Students should be able to communicate effectively with the entrusting party, relevant departments, and stakeholders, and listen to opinions and suggestions from all parties. They should have the ability to report planning schemes and research results in a coherent and focused manner. They should also be able to do their part in team work, reasonably arrange the division of labor and cooperation, and lead the team to accomplish the main tasks at different stages.

3.6 协同创新能力：具备较强的学习能力和方法创新能力，能够通过各种技术手段获取城乡规划的相关信息，通过新的思路和方法，拓宽视野，解决规划设计与管理中的难题与挑战。

3.6 Collaborative Innovation Capabilities: Students should have strong learning ability and method innovation ability, obtain relevant information of urban and rural planning through various technical means, and broaden their horizons, solve problems and challenges in design and management through new ideas and methods.

IV.学制与学位 Duration and Degree

学制：5 年

Duration: 5 years

学位：工学学士

Degree: Bachelor of engineering

V.主干学科与专业核心课程 Main Subject and Specialized Core Course

主干学科：城乡规划学

Main Subject: Urban and rural planning

城乡规划方向核心课程：城乡规划原理、城乡生态与环境规划、城市建设史与规划史、城乡基础设施规划、城乡道路与交通规划、城乡规划方法、规划设计、城市综合社会调查实践实习

Specialized Core Course: Principles of Urban and Rural Planning, Urban and Rural Ecological and Environmental Planning, History of Urban Construction and Planning, Urban and Rural Infrastructure Planning, Urban and Rural Road and Traffic Planning, Methodology of Urban and Rural Planning, Planning and Design, Comprehensive Survey and Research of Urban and Rural Society

国土空间规划方向核心课程：城乡规划原理、城乡生态与环境规划I、城乡规划管理与法规、地理科学基础、自然资源保护与利用、空间资源评价与规划、规划设计、空间规划与设计、规划实施评估、技术方法 B-1

Specialized Core Course: Principles of Urban and Rural Planning, Urban and Rural Ecological and Environmental Planning I, Urban and Rural Planning Management and Regulations, Geographical Science Basis, Natural Resources Protection and Utilization, Spatial Resource Evaluation and Planning, Planning and Design, Spatial Planning and Design, Planning Implementation Evaluation, Technical Method B-1

VI. 毕业学分基本要求 Basic Requirements of Credits for Graduation

课程体系 Curriculum System		学分要求 Credits Requirements						
		必修 Compulsory		限修 Distributional Electives		选修 Free Electives		小计 Subtotal
		理论 Theory	实践 Practice	理论 Theory	实践 Practice	理论 Theory	实践 Practice	
公共基础课程 Public Basic Courses	思政类 Ideological Politics Courses	15	2					17
	军事类 Military Courses	2	2					4
	外语类 Foreign Language Courses	6		2				8
	体育类 Physical Education Courses		4					4
通识与多元化课程 General Education and Diversified Courses	“交通天下”通识教育课程 (含跨学科课程) Core General Education Courses (Interdisciplinary Courses)							6
	多元化课程 Diversified Courses							
	国际课程 International Courses					6		
	大学生心理健康教育课程 University Student Psychological Health Courses							
	学生成长与发展规划课程 Student Growth and Development Planning Courses							
	劳动教育课程 Labor Education Courses	2						2
	公共艺术课程 Public Art Courses	2						2

学科与专业基础课程 Discipline and Specialty Foundational Courses	数学类 Mathematics Courses	6						6
	物理类 Physics Courses	2						2
	计算机基础类 Basic Computer Courses	1						1
	专业基础类 Professional Foundational Courses	10	6	6				22（城乡规划）
		10	6	7				23（国土空间规划）
专业教育课程 Specialized Courses	专业核心课 Specialized Core Course	30	66					96
	专业限选课 Specialized Restricted Courses			4.5	0.5			5（城乡规划）
				6				6（国土空间规划）
	专业选修课 Specialized Free Elective Course					6		6（城乡规划）
						4		4（国土空间规划）
实践教学环节 Practice Courses	集中性实践教学环节：基本技能训练、工程实践、综合课程设计、社会与文化素质和实践、毕业实习与毕业设计 Centralized Practical Teaching Process: Basic Skills Training, Practical Training, Integrated Curriculum Design, Social and Cultural Quality Practice, Graduation Internship and Graduation Design		19.5					19.5
	创新创业实践：创新创业训练计划项目、个性化实验、学科竞赛、创新讲座等 Innovation and Entrepreneurship Practice: Innovation and Entrepreneurship Training Program, Personalized Experiments, Subject Competition, Innovation Lectures, etc		2					2

必修环节 A Compulsory Part	“第二课堂”项目：思想政治与道德素养类项目、学术科技与创新创业类项目、艺术体验与审美修养类项目、文化沟通与交往能力类项目、心理素质与身体素质类项目、社会工作与领导能力类项目、社会实践与志愿服务类项目 "The Second Lesson" Project: Ideological and Political Education and Moral Literacy Projects, Academic and Technological Innovation and Entrepreneurship Projects, Art Experience and Aesthetic Education Projects, Cultural Communication and Interpersonal Skills Projects, Psychological and Physical Health Projects, Social Work and Leadership Development Projects, Social Practice and Volunteering Projects							0
	大学生综合素质提升、学生体质达标测评 Comprehensive Quality Improvement Courses for College Students, Assessment of Students' Physical Fitness							0
总 计 Total								202.5

VII.课程设置细化表 Course Programs Table

公共基础课程 Public Basic Courses 共 33 学分，其中必修 31 学分，限修 2 学分，选修 0 学分 A total credits of 33, including 31 for compulsory courses, 2 for distributional electives and 0 for free electives								
课程类型 Course Type	课程名称 Course Name	课程性质 Nature of Course	总学分 Credits	课内实践学分 In-class Practice Credits	开课学期 Semester	开课学院 School	支撑毕业要求 指标点 Indicators which Support Graduation Requirements	备注 Notes
思政类 Ideological Politics Courses	思想道德与法治 Ideological and Moral Education and the Rule of Law	必修 Compulsory	3	0.4	第 1 学期 Semester 1	马克思主义学院 School of Marxism	1.1, 1.2, 2.1.1, 3.5	
	中国近现代史纲要 Conspectus of Chinese Modern History	必修 Compulsory	3	0.4	第 2 学期 Semester 2	马克思主义学院 School of Marxism	1.1, 1.2, 2.2.2, 3.5	
	马克思主义基本原理 The Basic Principles of Marxism	必修 Compulsory	3	0.4	第 3 学期 Semester 3	马克思主义学院 School of Marxism	1.1, 1.2, 2.1.1, 3.5	
	毛泽东思想和中国特色社会主义理论体系概论 Introduction to Mao Zedong Thought and Theoretical System of Socialism with Chinese Characteristics	必修 Compulsory	3	0.4	第 4 学期 Semester 4	马克思主义学院 School of Marxism	1.1, 1.2, 2.1.1, 3.5	
	习近平新时代中国特色社会主义思想概论 Outline of Xi Jinping Thought on Socialism with Chinese Characteristics for a New Era	必修 Compulsory	3	0.4	第 6 学期 Semester 6	马克思主义学院 School of Marxism	1.1, 1.2, 2.1.1, 3.5	
	形势与政策 I Situation and Policy I	必修 Compulsory	0		第 1 学期 Semester 1	马克思主义学院 School of Marxism	1.1, 1.2, 2.1.1	
	形势与政策II Situation and Policy II	必修 Compulsory	0		第 2 学期 Semester 2	马克思主义学院 School of Marxism	1.1, 1.2, 2.1.1	
	形势与政策III Situation and Policy III	必修 Compulsory	0		第 3 学期 Semester 3	马克思主义学院 School of Marxism	1.1, 1.2, 2.1.1	
	形势与政策IV Situation and Policy IV	必修 Compulsory	0		第 4 学期 Semester 4	马克思主义学院 School of Marxism	1.1, 1.2, 2.1.1	
	形势与政策 V Situation and Policy V	必修 Compulsory	0		第 5 学期 Semester 5	马克思主义学院 School of Marxism	1.1, 1.2, 2.1.1	
	形势与政策VI Situation and Policy VI	必修 Compulsory	0		第 6 学期 Semester 6	马克思主义学院 School of Marxism	1.1, 1.2, 2.1.1	
	形势与政策VII Situation and Policy VII	必修 Compulsory	0		第 7 学期 Semester 7	马克思主义学院 School of Marxism	1.1, 1.2, 2.1.1	

	形势与政策VIII Situation and Policy VIII	必修 Compulsory	2		第 8 学期 Semester 8	马克思主义学院 School of Marxism	1.1, 1.2, 2.1.1	
军事类 Military Courses	军事理论 Military Theories	必修 Compulsory	2		第 1 学期 Semester 1	武装部 Security Office	1.1, 1.2, 2.1.1, 3.5	
	军事技能 Military Skills	必修 Compulsory	2	2	短 1 学期 Short Semester 1	武装部 Security Office	1.1, 1.2, 2.1.1, 3.5	
外语类 Foreign Language Courses	英语 I College English I	必修 Compulsory	2		第 1 学期 Semester 1	外国语学院 School of Foreign languages	1.2, 2.1.1, 3.3	
	英语II College English II	必修 Compulsory	2		第 2 学期 Semester 2	外国语学院 School of Foreign languages	1.2, 2.1.1, 3.3	
	通用学术英语 English for General Academic Purposes	必修 Compulsory	2		第 3 学期 Semester 3	外国语学院 School of Foreign languages	1.2, 2.1.1, 3.3	
	职场英语 Workplace English	限修 Distributional Elective	2		第 4 学期 Semester 4	外国语学院 School of Foreign languages	1.2, 2.1.1, 3.3	限修 1 门, 2 学分 Limited to 1 course, 2 credits
	交际与文化视听说 Viewing, Listening & Speaking in English -- Communication & Culture							
	语言、文化与翻译 Language, Culture and Translation							
	英语公共演讲 Public Speaking in English							
体育类 Physical Education Courses	体育 I Physical Education I	必修 Compulsory	1	1	第 1 学期 Semester 1	体育学院 School of Physical Education	1.2	
	体育II Physical Education II	必修 Compulsory	1	1	第 2 学期 Semester 2	体育学院 School of Physical Education	1.2	
	体育III Physical Education III	必修 Compulsory	0.5	0.5	第 3 学期 Semester 3	体育学院 School of Physical Education	1.2	
	体育IV Physical Education IV	必修 Compulsory	0.5	0.5	第 4 学期 Semester 4	体育学院 School of Physical Education	1.2	
	体育健康课程 I Diversified Physical Education Courses I	必修 Compulsory	0.5	0.5	第 5 学期 Semester 5	体育学院 School of Physical Education	1.2	
	体育健康课程II Diversified Physical Education Courses II	必修 Compulsory	0.5	0.5	第 6 学期 Semester 6	体育学院 School of Physical Education	1.2	

通识与多元化课程 General Education and Diversified Courses 共 10 学分，其中必修 4 学分，限修 0 学分，选修 6 学分 A total credits of 10, including 4 for compulsory courses, 0 for distributional electives and 6 for free electives								
课程类型 Course Type	课程名称 Course Name	课程性质 Nature of Course	总学分 Credits	课内实践学分 In-class practice credits	开课学期 Semester	开课学院 School	支撑毕业要求指标点 Indicators which Support Graduation Requirements	备注 Notes
“交通天下”通识教育课程（含跨学科课程） Core General Education Courses (Interdisciplinary Courses)	“交通天下”通识教育课程（含跨学科课程） Core General Education Courses (Interdisciplinary Courses)	选修 Free Elective	6		2-8 学期 Semester 2-8	全校 The whole school	1.2, 2.1.1, 2.1.2, 3.3, 3.5	
多元化课程 Diversified Courses	多元化课程 Diversified Courses					全校 The whole school	1.2, 2.1.1, 2.1.2, 3.3, 3.5	
国际课程 International Courses	国际课程 International Courses					全校 The whole school	1.2, 2.1.1, 2.1.2, 3.3, 3.5	
大学生心理健康教育课程 University Student Psychological Health Courses	大学生心理健康教育课程 University Student Psychological Health Courses					全校 The whole school	1.2, 2.1.1, 2.1.2, 3.3, 3.5	
学生成长与发展规划课程 Student Growth and Development Planning Courses	学生成长与发展规划课程 Student Growth and Development Planning Courses					全校 The whole school	1.2, 2.1.1, 2.1.2, 3.3, 3.5	
劳动教育课程 Labor Education Courses	劳动教育课程 Labor Education Courses	必修 Compulsory	2		2-8 学期 Semester 2-8	全校 The whole school	1.2, 2.1.1, 2.1.2, 3.3, 3.5	
公共艺术课程 Public Art Courses	公共艺术课程 Public Art Courses	必修 Compulsory	2		2-8 学期 Semester 2-8	全校 The whole school	1.2, 2.1.1, 2.1.2, 3.3, 3.5	

学科与专业基础课程 Discipline and Specialty foundational Courses 城乡规划方向共 31 学分，其中必修 25 学分，限修 6 学分，选修 0 学分 国土空间规划方向共 32 学分，其中必修 25 学分，限修 7 学分，选修 0 学分 Urban and rural planning: A total credits of 31, including 25 for compulsory courses, 6 for distributional electives and 0 for free electives Territorial and spatial planning: A total credits of 32, including 25 for compulsory courses, 7 for distributional electives and 0 for free electives								
课程类型 Course Type	课程名称 Course Name	课程性质 Nature of Course	总学分 Credits	课内实践学分 In-class practice credits	开课学期 Semester	开课学院 School	支撑毕业要求 指标点 Indicators which Support Graduation Requirements	备注 Notes
数学类 Mathematics Courses	微积分初步 Infinitesimal calculus	必修 Compulsory	3		第 1 学期 Semester 1	数学学院 School of Mathematics	1.2, 2.1.2, 3.3	
	应用统计 Applied Statistics	必修 Compulsory	3		第 2 学期 Semester 2	数学学院 School of Mathematics	1.2, 2.2.3, 3.1, 3.3	
物理类 Physics Courses	环境物理 Environmental physics	必修 Compulsory	2		第 3 学期 Semester 3	建筑学院 School of Architecture	1.2, 2.2.4, 3.3	
计算机基础类 Basic Computer Courses	技术方法 B-1 地理信息系统概论 Technical method B-1 Introduction of Geographic information system	必修 Compulsory	1		第 6 学期 Semester 6	地球科学与环境工程学院 Faculty of Geosciences and Environmental	1.2, 1.3, 2.1.3, 2.2.3, 3.1, 3.3	
专业基础类 Professional Foundational Courses	画法几何与建筑制图 Descriptive Geometry and Architectural Drawing	必修 Compulsory	2		第 1 学期 Semester 1	建筑学院 School of Architecture	1.2, 2.2.2, 3.3	
	美术I Fine Arts I	必修 Compulsory	3	3	第 1 学期 Semester 1	建筑学院 School of Architecture	1.2, 2.2.3, 3.3	
	设计导论 An Introduction to Design	必修 Compulsory	2		第 1 学期 Semester 1	建筑学院 School of Architecture	1.2, 1.3, 2.1.1, 2.2.1, 3.6	
	美术II Fine Arts II	必修 Compulsory	3	3	第 2 学期 Semester 2	建筑学院 School of Architecture	1.2, 2.2.3, 3.3	
	建筑构成与空间造型 Architectural Constitute and Spatial Modeling	必修 Compulsory	2		第 2 学期 Semester 2	建筑学院 School of Architecture	1.2, 2.2.2, 3.3, 3.6	
	建筑构造与结构 Architectural Structure and Construction	必修 Compulsory	2		第 3 学期 Semester 3	建筑学院 School of Architecture	1.2, 1.3, 2.2.3, 3.3	
	工程地质（建筑类） Engineering Geology(Architecture)	必修 Compulsory	2		第 3 学期 Semester 3	地球科学与环境工程学院 Faculty of Geosciences and Environmental	1.2, 1.3, 2.2.3, 3.1, 3.2, 3.3	

	工程测量 C Engineering Surveying C	限修 Distributional Elective	2		第 2 学期 Semester 2	地球科学与环境工程学院 Faculty of Geosciences and Environmental	1.2, 2.2.3, 3.3, 3.5	城乡规划方向限修 6 学分, 国空方向限修 7 学分, 工程测量 C、建筑史概论、环境保护概论为必选 Urban and Rural Planning Distributional Elective 6 credit. Territorial and Spatial Planning Distributional Elective 7 credit. Engineering Survey C, General History of Architecture, and Introduction to Environmental Protection are mandatory options
	建筑史概论 General History of Architecture	限修 Distributional Elective	2		第 3 学期 Semester 3	建筑学院 School of Architecture	1.2, 1.3, 2.2.1, 3.1, 3.2, 3.3	
	环境保护概论 Introduction to environmental protection	限修 Distributional Elective	1		第 4 学期 Semester 4	地球科学与环境工程学院 Faculty of Geosciences and Environmental	1.2, 2.1.2, 2.2.1, 3.2	
	技术方法 B-2 建成环境量化分析 Technical method B-2 Quatitative Analysis of Built Environment	限修 Distributional Elective	1		第 6 学期 Semester 6	建筑学院 School of Architecture	1.2, 2.2.1, 3.2, 3.6	
	技术与方法 C (规划数据管理与应用) Technology and Method C (Planning Data Management and Application)	限修 Distributional Elective	2		第 7 学期 Semester 7	建筑学院 School of Architecture	1.2, 2.1.2, 2.1.3, 2.2.4, 3.2, 3.3	

专业教育课程

Specialized Courses

城乡规划方向: 共 107 学分, 其中必修 96 学分, 限修 5 学分, 选修 6 学分

国土空间规划方向: 共 106 学分, 其中必修 96 学分, 限修 6 学分, 选修 4 学分

Urban and rural planning: A total credits of 107, including 96 for compulsory courses, 5 for distributional electives and 6 for free electives

Territorial and spatial planning: A total credits of 106, including 96 for compulsory courses, 6 for distributional electives and 4 for free electives

课程类型 Course Type	课程名称 Course Name	课程性质 Nature of Course	总学分 Credits	课内实践学分 In-class practice credits	开课学期 Semester	开课学院 School	支撑毕业要求指标点 Indicators which Support Graduation Requirements	备注 Notes
专业核心课 Specialized Core Course	建筑设计基础 I Fundamentals of Architectural Design I	必修 Compulsory	6	6	第 1 学期 Semester 1	建筑学院 School of Architecture	1.2, 2.2.2, 3.3, 3.5, 3.6	
	建筑设计基础 II Fundamentals of Architectural Design II	必修 Compulsory	8	8	第 2 学期 Semester 2	建筑学院 School of Architecture	1.2, 2.2.2, 3.3, 3.5, 3.6	
	单体建筑设计 B1-1 Single Building Design B1-1	必修 Compulsory	4	4	第 3 学期 Semester 3	建筑学院 School of Architecture	1.2, 2.2.2, 3.2, 3.3, 3.6	
	单体建筑设计 B1-2 Single Building Design B1-2	必修 Compulsory	4	4	第 3 学期 Semester 3	建筑学院 School of Architecture	1.2, 2.2.2, 3.2, 3.3, 3.6	
	群体建筑设计 B2-1 Single Building Design B2-1	必修 Compulsory	4	4	第 4 学期 Semester 4	建筑学院 School of Architecture	1.2, 2.2.2, 3.2, 3.3, 3.6	
	群体建筑设计 B2-2 Single Building Design B2-2	必修 Compulsory	4	4	第 4 学期 Semester 4	建筑学院 School of Architecture	1.2, 2.2.2, 3.2, 3.3, 3.6	
	规划设计 A-1 (住区单元) Planning and Design A-1: Residential Unit	必修 Compulsory	4	4	第 5 学期 Semester 5	建筑学院 School of Architecture	1.2, 2.2.2, 3.1, 3.2, 3.3, 3.4, 3.5, 3.6	

专业核心课 Specialized Core Course	规划设计 A-2 (住区规划) Planning and Design A-2: Residential Unit Planning	必修 Compulsory	4	4	第 5 学期 Semester 5	建筑学院 School of Architecture	1.2, 2.2.2, 3.1, 3.2, 3.3, 3.4, 3.5, 3.6	
	规划设计 B-1 (街区规划设计) Planning and Design B-1: Block Planning and Design	必修 Compulsory	4	4	第 6 学期 Semester 6	建筑学院 School of Architecture	1.2, 2.2.2, 3.1, 3.2, 3.3, 3.4, 3.5, 3.6	
	规划设计 B-2 (街区管控) Planning and Design B-1: Block Control	必修 Compulsory	4	4	第 6 学期 Semester 6	建筑学院 School of Architecture	1.2, 2.2.2, 3.1, 3.2, 3.3, 3.4, 3.5, 3.6	
	规划设计 C-1 (乡村综合规划) Planning and Design C-1: Comprehensive Rural Planning	必修 Compulsory	4	4	第 7 学期 Semester 7	建筑学院 School of Architecture	1.2, 2.2.2, 3.1, 3.2, 3.3, 3.4, 3.5, 3.6	城乡规划方向 必修 16 学分 Urban and Rural Planning Compulsory 16 credits
	规划设计 C-2 (乡村聚落设计) Planning and Design C-2: Rural Settlements Design	必修 Compulsory	4	4	第 7 学期 Semester 7	建筑学院 School of Architecture	1.2, 2.2.2, 3.1, 3.2, 3.3, 3.4, 3.5, 3.6	
	规划设计 D-1 (总体城市设计) Planning and Design D-1: Comprehensive Urban Design	必修 Compulsory	4	4	第 8 学期 Semester 8	建筑学院 School of Architecture	1.2, 2.2.2, 3.1, 3.2, 3.3, 3.4, 3.5, 3.6	
	规划设计 D-2 (专题城市设计) Planning and Design D-2: Thematic Urban Design	必修 Compulsory	4	4	第 8 学期 Semester 8	建筑学院 School of Architecture	1.2, 2.2.2, 3.1, 3.2, 3.3, 3.4, 3.5, 3.6	
	空间规划与设计 C-1: 乡村综合规划 Spatial planning and design C-1: Rural Planning and Design	必修 Compulsory	4	4	第 7 学期 Semester 7	建筑学院 School of Architecture	1.2, 2.2.2, 3.1, 3.2, 3.3, 3.4, 3.5, 3.6	国空方向必修 16 学分 Territorial and Spatial Planning Compulsory 16 credits
	空间规划与设计 C-2: 乡村聚落设计 Spatial planning and design C-2: Rural Settlements Design	必修 Compulsory	4	4	第 7 学期 Semester 7	建筑学院 School of Architecture	1.2, 2.2.2, 3.1, 3.2, 3.3, 3.4, 3.5, 3.6	
	空间规划与设计 D-1: 国土空间规划总体城市设计 Spatial planning and design D-1: Comprehensive Urban Design	必修 Compulsory	4	4	第 8 学期 Semester 8	建筑学院 School of Architecture	1.2, 2.2.2, 3.1, 3.2, 3.3, 3.4, 3.5, 3.6	
	空间规划与设计 D-2: 国土空间规划专题城市设计 Spatial planning and design D-2: Thematic Urban Design	必修 Compulsory	4	4	第 8 学期 Semester 8	建筑学院 School of Architecture	1.2, 2.2.2, 3.1, 3.2, 3.3, 3.4, 3.5, 3.6	
	规划设计 E (国土空间规划) Planning and Design E: Spatial Planning	必修 Compulsory	4	4	第 9 学期 Semester 9	建筑学院 School of Architecture	1.2, 2.2.2, 3.1, 3.2, 3.3, 3.4, 3.5, 3.6	
	城乡规划原理I Principles of Urban and Rural Planning I	必修 Compulsory	2		第 4 学期 Semester 4	建筑学院 School of Architecture	1.2, 1.3, 2.2.2, 3.1, 3.2, 3.3, 3.4, 3.5	

专业核心课 Specialized Core Course	城市建设史与规划史 History of Urban Construction and Planning	必修 Compulsory	2		第 4 学期 Semester 4	建筑学院 School of Architecture	1.2, 1.3, 2.2.3, 3.1, 3.2, 3.3	
	城乡道路与交通规划I Urban and Rural Road and Traffic Planning I	必修 Compulsory	2		第 4 学期 Semester 4	建筑学院 School of Architecture	1.1, 1.2, 2.2.3, 3.1, 3.2, 3.3, 3.4, 3.5	
	城乡规划原理II Principles of Urban and Rural Planning II	必修 Compulsory	2		第 5 学期 Semester 5	建筑学院 School of Architecture	1.2, 1.3, 2.2.2, 3.2, 3.3, 3.4, 3.5	
	城乡基础设施规划 Urban and Rural Infrastructure Planning	必修 Compulsory	2		第 5 学期 Semester 5	建筑学院 School of Architecture	1.1, 1.2, 2.2.3, 3.1, 3.2, 3.3, 3.4, 3.5	
	技术方法 A 社会调查设计与方法 Technical method A Comprehensive Survey and Research of Urban and Rural Society	必修 Compulsory	2		第 5 学期 Semester 5	建筑学院 School of Architecture	1.1, 1.2, 2.2.3, 3.1, 3.2, 3.3, 3.4, 3.5, 3.6	
	城乡生态与环境规划I Urban and Rural Ecological and Environmental Planning I	必修 Compulsory	2		第 6 学期 Semester 6	建筑学院 School of Architecture	1.1, 1.2, 2.2.3, 3.1, 3.2, 3.3, 3.4, 3.5	
	区域发展与规划 Regional Development and Planning	必修 Compulsory	2		第 7 学期 Semester 7	建筑学院 School of Architecture	1.1, 1.2, 2.2.3, 3.1, 3.2, 3.3, 3.5	
	城市地理学 Urban Geography	必修 Compulsory	2		第 7 学期 Semester 7	建筑学院 School of Architecture	1.1, 1.2, 2.2.3, 3.1, 3.2, 3.3, 3.4, 3.5	
	城乡经济与社会发展 Urban and Rural Economy and Social Development	必修 Compulsory	2		第 7 学期 Semester 7	建筑学院 School of Architecture	1.1, 1.2, 2.2.3, 3.1, 3.2, 3.3, 3.4, 3.5	
	城乡规划管理与法规 Urban and Rural Planning Management and Regulations	必修 Compulsory	2		第 8 学期 Semester 8	建筑学院 School of Architecture	1.1, 1.2, 2.2.3, 3.1, 3.2, 3.3, 3.4, 3.5	
	城乡规划方法 Methodology of Urban and Rural Planning	必修 Compulsory	2		第 8 学期 Semester 8	建筑学院 School of Architecture	1.1, 1.2, 2.2.3, 3.1, 3.2, 3.3, 3.4, 3.6	
	城乡道路与交通规划II Urban and Rural Road and Traffic Planning II	必修 Compulsory	2		第 5 学期 Semester 5	建筑学院 School of Architecture	1.1, 1.2, 2.2.3, 3.1, 3.2, 3.3, 3.4, 3.5	城乡规划方向 必修 6 学分 Urban and Rural Planning Compulsory 6 credits
	城市设计 Urban Design	必修 Compulsory	2		第 5 学期 Semester 5	建筑学院 School of Architecture	1.1, 1.2, 2.2.2, 3.1, 3.2, 3.3, 3.4, 3.5	
	城乡规划原理III (双语) Principles of Urban and Rural Planning III (Bilingual)	必修 Compulsory	2		第 6 学期 Semester 6	建筑学院 School of Architecture	1.2, 1.3, 2.2.2, 2.2.4, 3.2, 3.3, 3.4, 3.5	

专业核心课 Specialized Core Course	地理科学基础 Basis of Geographical Science	必修 Compulsory	2		第 4 学期 Semester 4	建筑学院 School of Architecture	1.1, 1.2, 2.2.3, 3.2, 3.3, 3.4, 3.5	国空方向必修 6 学分 Territorial and Spatial Planning Compulsory 6 credits
	自然资源保护与利用 Conservation and Utilization of Natural Resources	必修 Compulsory	2		第 6 学期 Semester 6	建筑学院 School of Architecture	1.1, 1.2, 2.2.3, 3.1, 3.2, 3.3, 3.4, 3.5	
	规划实施评估 Planning Implementation Evaluation	必修 Compulsory	2		第 8 学期 Semester 8	建筑学院 School of Architecture	1.1, 1.2, 2.2.3, 3.2, 3.3, 3.4, 3.6	
专业限选课 Specialized Restricted Courses	规划前沿与技术热点 Frontiers of Urban Planning and Its Method	限修 Distributional Elective	1	0.5	第 7 学期 Semester 7	建筑学院 School of Architecture	1.2, 1.3, 2.1.3, 2.2.4, 3.1, 3.2, 3.3, 3.6	城乡规划方向 限修 5 学分 Urban and Rural Planning Distributional Elective 5 credits
	城乡生态与环境规划II Urban and Rural Ecological and Environmental PlanningII	限修 Distributional Elective	2		第 7 学期 Semester 7	建筑学院 School of Architecture	1.2, 1.3, 2.2.3, 3.2, 3.3, 3.4, 3.5	
	技术方法 C 交叉学科知识应用: 空间生成的规律与解析 Technical method C Interdisciplinary Study in Urban Planning: The Production of Space	限修 Distributional Elective	2		第 8 学期 Semester 8	建筑学院 School of Architecture	1.2, 1.3, 2.1.1, 2.1.2, 2.2.4, 3.2, 3.3, 3.6	
专业限选课 Specialized Restricted Courses	空间资源评价与规划 Spatial Resource Evaluation and Planning	限修 Distributional Elective	2		第 6 学期 Semester 6	建筑学院 School of Architecture	1.2, 1.3, 2.2.3, 3.2, 3.3, 3.4, 3.5	国空方向限修 6 学分 Territorial and Spatial Planning Distributional Elective 6 credits
	城市公共安全规划 Urban Public Safety Planning	限修 Distributional Elective	2		第 5 学期 Semester 5	建筑学院 School of Architecture	1.2, 1.3, 2.1.3, 2.2.4, 3.1, 3.2, 3.3, 3.6	
	资源经济学 Resource economics	限修 Distributional Elective	2		第 7 学期 Semester 7	建筑学院 School of Architecture	1.1, 1.2, 2.2.3, 3.2, 3.3, 3.4, 3.6	
专业选修课 Specialized Elective Course	环境心理学 Environmental Psychology	选修 Free Elective	2		第 4 学期 Semester 4	建筑学院 School of Architecture	1.1, 1.2, 2.2.3, 3.2, 3.3, 3.4, 3.6	城乡规划方向 选修 6 学分 Urban and Rural Planning Elective 6 credits
	数字景观与艺术表达 Digital Landscape and Artistic Expression	选修 Free Elective	2		第 4 学期 Semester 4	建筑学院 School of Architecture	1.2, 2.2.3, 3.3,	

专业选修课 Specialized Elective Course	历史建筑保护与利用 Protection and Utilization of Historical Buildings	选修 Free Elective	2		第 5 学期 Semester 5	建筑学院 School of Architecture	1.2, 1.3, 2.2.3, 3.1, 3.2, 3.3, 3.4,	
	历史文化名城与名镇名村保护与规划 Protection and Planning of Famous Historical and Culture Cities, Famous Towns and Villages	选修 Free Elective	2		第 6 学期 Semester 6	建筑学院 School of Architecture	1.2, 1.3, 2.2.3, 3.1, 3.2, 3.3, 3.4, 3.5	
	风景区与自然保护地规划与设计 Planning and Design of Scenic Spots and Nature Reserves	选修 Free Elective	2		第 6 学期 Semester 6	建筑学院 School of Architecture	1.1, 1.2, 2.2.3, 3.2, 3.3, 3.4, 3.6	
	低碳城市理论与设计方法 Low Carbon City Theory and Design Methods	选修 Free Elective	2		第 8 学期 Semester 8	建筑学院 School of Architecture	1.2, 1.3, 2.2.3, 3.2, 3.3, 3.4, 3.5	
	城市交通行为分析与规划 Analysis and Planning of Urban Traffic Behavior	选修 Free Elective	2		第 8 学期 Semester 8	建筑学院 School of Architecture	1.1, 1.2, 2.2.3, 3.1, 3.2, 3.3, 3.4, 3.5	
	环境心理学 Environmental Psychology	选修 Free Elective	2		第 4 学期 Semester 4	建筑学院 School of Architecture	1.1, 1.2, 2.2.3, 3.2, 3.3, 3.4, 3.6	国空方向选修 4 学分 Territorial and Spatial Planning Elective 4 credits
	自然资源学 Natural Resources Science	选修 Free Elective	2		第 6 学期 Semester 6	建筑学院 School of Architecture	1.1, 1.2, 2.2.3, 3.2, 3.3, 3.4, 3.6	
	生态环境保护修复与可持续性环境设计 Ecological Environment Protection, Restoration and Sustainable Environmental Design	选修 Free Elective	2		第 6 学期 Semester 6	建筑学院 School of Architecture	1.2, 1.3, 2.2.3, 3.2, 3.3, 3.4, 3.5	
	风景区与自然保护地规划与设计 Planning and Design of Scenic Spots and Nature Reserves	选修 Free Elective	2		第 6 学期 Semester 6	建筑学院 School of Architecture	1.1, 1.2, 2.2.3, 3.2, 3.3, 3.4, 3.6	
	低碳城市理论与设计方法 Low Carbon City Theory and Design Methods	选修 Free Elective	2		第 8 学期 Semester 8	建筑学院 School of Architecture	1.2, 1.3, 2.2.3, 3.2, 3.3, 3.4, 3.5	
	城市交通行为分析与规划 Analysis and Planning of Urban Traffic Behavior	选修 Free Elective	2		第 8 学期 Semester 8	建筑学院 School of Architecture	1.1, 1.2, 2.2.3, 3.1, 3.2, 3.3, 3.4, 3.5	

实践教学环节 Practice Courses 共 21.5 学分，其中必修 21.5 学分，限修 0 学分，选修 0 学分 A total credits of 21.5, including 21.5 for compulsory courses, 0 for distributional electives and 0 for free electives								
课程类型 Course Type	课程名称 Course Name	课程性质 Nature of Course	总学分 Credits	课内实践 学分 In-class practice credits	开课学期 Semester	开课学院 School	支撑毕业要求 指标点 Indicators which Support Graduation Requirements	备注 Notes
集中性实践教学环节：基本技能训练、工程实践、综合课程设计、社会与文化素质和实践、毕业实习与毕业设计 Centralized Practical Teaching Process: Basic Skills Training, Practical Training, Integrated Curriculum Design, Social and Cultural Quality Practice, Graduation Internship and Graduation Design	美术实习 Practice of Fine Arts	必修 Compulsory	1	1	短 1 学期 Short Semester 1	建筑学院 School of Architecture	1.2, 2.2.4, 3.3, 3.5	
	建构实习 Construction practice	必修 Compulsory	0.5	0.5	短 1 学期 Short Semester 1	建筑学院 School of Architecture	1.2, 1.3, 2.2.4, 3.2, 3.3, 3.5, 3.6	
	城乡认识实习 Cognitive Practice of Urban and Rural	必修 Compulsory	1	1	短 2 学期 Short Semester 2	建筑学院 School of Architecture	1.2, 1.3, 2.2.4, 3.2, 3.3, 3.4, 3.5	
	城市建成环境感知与测度 Surveying and Mapping of Urban Built Environment	必修 Compulsory	2	2	短 3 学期 Short Semester 3	建筑学院 School of Architecture	1.2, 2.2.4, 3.2, 3.3, 3.5	
	城市综合社会调查实践实习 Comprehensive Survey and Research of Urban and Rural Society	必修 Compulsory	2	2	短 4 学期 Short Semester 4	建筑学院 School of Architecture	1.2, 2.2.4, 3.2, 3.3, 3.4, 3.5, 3.6	
	规划设计快速构思与表现 Rapid conception and expression of planning and design	必修 Compulsory	1	1	第 9 学期 Semester 9	建筑学院 School of Architecture	1.2, 2.2.4, 3.1, 3.2, 3.3, 3.4, 3.6	
	城乡规划设计实践 Practice of Urban and Rural Planning and Design	必修 Compulsory	4	4	第 9 学期 Semester 9	建筑学院 School of Architecture	1.2, 1.3, 2.2.4, 3.1, 3.2, 3.3, 3.4, 3.6	
	毕业设计 with 毕业实习 Graduation Design and Practice	必修 Compulsory	8	8	第 10 学期 Semester 10	建筑学院 School of Architecture	1.2, 1.3, 2.2.4, 3.1, 3.2, 3.3, 3.4, 3.5, 3.6	
创新创业实践：创新创业训练计划项目、个性化实验、学科竞赛、创新讲座等 Innovation and Entrepreneurship Practice: Innovation and Entrepreneurship Training Program, Personalized Experiments, Subject Competition, Innovation Lectures, etc	创新创业实践 Innovation and Entrepreneurship Practice	必修 Compulsory	2	2	3-9 学期 Semester 3-9	建筑学院 School of Architecture	1.3, 3.2, 3.5, 3.3, 3.6	按照《西南交通大学创新实践学分认定与管理办法》规定执行 By Credit Recognition and Management of Innovative Practice in Southwest Jiaotong University

必修环节 A compulsory part 共 0 学分，其中必修 0 学分，限修 0 学分，选修 0 学分 A total credits of 0, including 0 for compulsory courses, 0 for distributional electives and 0 for free electives								
课程类型 Course Type	课程名称 Course Name	课程性质 Nature of Course	总学分 Credits	课内实践学分 In-class practice credits	开课学期 Semester	开课学院 School	支撑毕业要求指标点 Indicators which Support Graduation Requirements	备注 Notes
“第二课堂”项目：思想政治与道德素养类项目、学术科技与创新创业类项目、艺术体验与审美修养类项目、文化沟通与交往能力类项目、心理素质与身体素质类项目、社会工作与领导能力类项目、社会实践与志愿服务类项目 "The Second Lesson" Project: Ideological and Political Education and Moral Literacy Projects, Academic and Technological Innovation and Entrepreneurship Projects, Art Experience and Aesthetic Education Projects, Cultural Communication and Interpersonal Skills Projects, Psychological and Physical Health Projects, Social Work and Leadership Development Projects, Social Practice and Volunteering Projects	“第二课堂”项目 "The Second Lesson" Project	必修 Compulsory	0		1-8 学期 Semester 1-8	校团委 Communist Youth League Committee	1.3, 3.2, 3.5, 3.3, 3.6	
大学生综合素质提升、学生体质达标测评 Comprehensive Quality Improvement Courses for College Students Assessment of Students' Physical Fitness	大学生综合素质提升 Comprehensive Quality Improvement Courses for College Students	必修 Compulsory	0		1-8 学期 Semester 1-8	校团委 Communist Youth League Committee	1.3, 3.2, 3.5, 3.3, 3.6	
	学生体质达标测评 Assessment of Students' Physical Fitness	必修 Compulsory	0		秋季学期 Fall semester	体育学院 School of Physical Education	1.3, 3.2, 3.5, 3.3, 3.6	
学分总计 Total Credits			202.5					