

城乡规划

一、培养目标

本专业培养适应国家城乡建设发展需要,具备坚实的城乡规划设计基础理论知识与应用实践能力,富有社会责任感、团队精神和创新思维,具有可持续发展和文化传承理念,主要在专业规划编制单位、管理机关、大专院校和科研机构,从事城乡规划设计、开发与管理、教学与研究等工作的高级专门人才。

二、基本规格要求

本专业学生主要学习城乡规划的基本知识与基础理论,接受城乡规划的原理、程序、方法以及设计表达等方面的基本训练,具备处理城乡发展与自然环境、社会环境、历史遗产的复杂关系的基本能力,并具有从事城乡规划和城乡规划管理工作的基本素质。

三、培养特色

本专业学生要求立足中部丘陵地区的城乡地理和空间特征,能较好地将国际视野与地域实践有机结合,并掌握以下八项核心能力:

1. 城乡规划设计方法与能力。
2. 城乡规划师的职业素养。
3. 城乡规划的基本理论与方法。
4. 相关专业的协调能力。
5. 设计构思的全方位表达能力。
6. 专业新技术与新方法的应用。
7. 健康全面的人文素养。
8. 科学理性的分析能力。

四、学制、毕业基本要求及学位授予

1. 本科基本学制 5 年,弹性学习年限 5—7 年,按照学分管理制度管理。
2. 城乡规划专业学生毕业最低学分数为 200,其中各类别课程及环节要求学分数如下表:

课程类别	通识必修	学门核心	学类核心	专业核心	专业选修	通识选修	集中实践	合计
学分数	27	18	40	35	36	8	36	200

3. 学生修满培养方案规定的必修课、选修课及有关环节,达到规定的最低毕业学分数,并修完规定必修但不记学分的所有课程和环节,德、智、体合格,即可毕业。满足学位授予相关文件要求的,授予工学学位。

五、课程设置及学分布

(一) 通识教育课程〔必修 27+ (6) 学分+选修 8 学分〕

通识教育课程包括必修和选修两部分。通识选修课程按《湖南大学通识选修(文化素质教育)课程方案》实施,通识必修课程如下:

编码	课程名称	学分	备注
GE01101	毛泽东思想和中国特色社会主义理论体系概论	3+ (3)	
GE01039	思想道德修养与法律基础	1.5+ (1.5)	
GE01100	形势与政策	0.5+ (1.5)	
GE01102	中国近现代史纲要	2	
GE01103	马克思主义基本原理 (上)	2	
GE01104	马克思主义基本原理 (下)	2	
GE01012 (-15)	大学英语	8	
GE01088	计算机基本能力测试	0.5	
GE01105	计算机导论与程序设计	2.5	
GE01107 (-13)	心理素质与生涯发展	1	
GE01089 (-92)	体育	4	

(二) 学门核心 (18 学分)

编码	课程名称	学分	备注
AR03019	设计概论	1.5	专业导论课
AR03021	人居环境科学导论	1.5	学科导论课
AR03022	美术 (1)	2	速写、素描
AR03023	美术 (2)	2	水彩
AR03024	专业美术 (1)	2	单色及多媒介
AR03025	专业美术 (2)	2	色彩
AR03026	环境心理学	1	
AR03027	计算机辅助建筑设计 (1)	1	
GE02038	高等数学 C	3	
AR03028	工程图学	2	

(三) 学类核心 (40 学分)

编码	课程名称	学分	备注
AR04001	设计基础 (1)	3	
AR04002	设计基础 (2)	3	
AR04004	建筑构造 (1)	2	
AR04006	公共建筑设计原理	2	
AR04007	场地设计	2	
AR04010	居住建筑设计原理	2	
AR04012	城市园林绿地规划	2	
AR04009	居住区规划	3	
AR04011	城市设计概论	2	
AR03016	外国建筑史	3	
AR03015	中国建筑史	3	
AR06012	城市设计	3	
AR06007	城市规划原理 (1)	2	总论和规划思想历史
GE02040	建筑阴影透视	3	
AR03005	建筑力学	3	
AR06030	建筑材料	2	研讨课

(四) 专业核心 (35 学分)

编码	课程名称	学分	备注
AR05033	中外城建史与历史名城保护	2	
AR05034	城市规划管理与法规	2	
AR05035	道路交通规划	3	
AR05036	城市规划原理 (2)	2	详细规划原理
AR05037	城市规划原理 (3)	2	总体规划原理
AR05038	城市生态环境规划	2	
AR05008	城市总体规划设计	5	
AR05039	控制性详细规划与设计	3	
AR05040	城市信息系统应用	2	
AR06015	村镇规划	3	
AR05041	城市社会与心理导论	2	
AR05042	城乡基础设施规划	2	
AR06004	城市地理学	2	
AR05010	城市社会学	2	

(五) 专业选修 (36 学分)

编码	课程名称	学分	备注
AR05011	建筑设计 (1)	5	含研讨课
AR05012	建筑设计 (2)	5	含研讨课
AR05013	建筑设计 (3)	5	含研讨课
AR05014	建筑设计 (4)	5	含研讨课
AR06097	城市系统分析方法	2	
AR06098	区域分析与区域规划	2	
AR06065	生态旅游规划	3	
AR06099	中国古建筑营造与设计	2	
AR06100	环境行为学概论	2	多选 1
AR06101	人文地理与自然地理	2	
AR06102	概念性规划理论与实践	1	多选 1
AR06103	规划案例评述	1	
AR06056	可持续建筑技术	2	多选 1
AR06104	生态设计与技术构造	2	
AR06105	数字规划理论与实践	1	多选 2
AR06010	城市开发与房地产经济	1	
AR06106	历史建筑保护与更新	1	
AR06107	注册规划师业务	1	多选 2
AR06057	快速设计与表现 (研)	1	
AR06108	工程概预算	1	

注：选修课内 18 个学分学生可跨专业任选。另参加学科竞赛、SIT 等课外实践活动，可获得 2~4 个学分，该学分可抵选修课学分。

(六) 集中实践 (36 学分)

编码	课程名称	学分	备注
GE09003	中文写作实训	1	
AR10010	建筑构造课程设计	1	
AR10012	道路交通课程设计	1	
AR10007	美术实习	2	
AR10023	空间思维训练	1	
AR10029	设计基础训练营	1	
AR10015	测绘实习	1	
AR10030	城乡实践调查工作营	2	
AR10005	认识实习	2	
AR10014	城市总体规划课程设计	1	
AR10031	城乡设计实践工作营	2	
AR10016	毕业实习	1	
AR10017	毕业设计	10	
AR10002	生产实习	10	

六、课程责任教师一览表

序号	姓名	职称	学历学位	专业特长	课程 (专业核心、专业选修、通识选修)
1	邱灿红	教授	硕士	可持续性城市设计、居住建筑与社区规划、中外城市历史与城市文化、人居环境学研究	城市设计概论、中外城建史与文化保护、城市规划概论、居住区规划
2	肖艳阳	副教授	硕士	详细规划与城市设计、现代城市规划理论与道路交通	城市道路与交通、城市社会心理学、居住区规划、城市设计、城乡实践调查工作营
3	焦 胜	副教授	博士	城市生态规划、绿色建筑设计与、可持续居住区规划	城乡生态与环境规划、生态旅游规划、居住区规划、城市设计
4	许乙青	讲师	硕士	城市整体规划、丘陵地区城市规划、城市综合开发	城乡总体规划设计、城市规划原理Ⅲ、居住区规划、城市设计
5	姜 敏	讲师	硕士	城市规划理论及设计	环境心理学、城市设计概论、城市设计、城市园林绿地规划、居住区规划
6	向 辉	讲师	硕士	城市规划理论及设计	城市地理学、中外城建史与文化保护、设计基础训练营、城市规划原理Ⅱ、城市设计概论、城市设计、居住区规划
7	陈 焯	讲师	博士	城市规划理论及设计	城市设计概论、城市设计、城市社会经济学、城市系统分析、控制性详细规划与设计、城乡实践调查工作营
8	沈 瑶	讲师	博士	社区规划及理论、生态城市规划方法论、儿童友好城市理论及设计	城乡规划概论、生态旅游规划、居住区规划、城市设计、城市规划政策与法规、空间思维训练、城乡实践调查工作营
9	周 恺	讲师	博士	城市规划理论及设计	区域与城镇体系规划、城市信息系统应用、城市规划原理Ⅰ、城市总体规划设计、空间思维训练、城市系统分析、城市社会学

续表

序号	姓名	职称	学历学位	专业特长	课程 (专业核心、专业选修、通识选修)
10	丁国胜	讲师	博士	城市规划理论及设计	村镇规划、城市设计、控规性详细规划与设计、城市规划原理 II
11	柳 肃	教授	博士	建筑与城市规划理论	中国古建筑营造与设计、历史建筑保护与更新、村镇规划
12	徐 峰	教授	硕士	建筑与城市规划理论	可持续建筑技术
13	何韶瑶	教授	硕士	城市规划理论及设计	城市开发与房地产、环境心理学
14	张 卫	教授	硕士	建筑历史与理论	外国建筑史
15	邓 广	副教授	硕士	房屋建筑学、建筑构造	建筑构造
16	卢健松	副教授	博士	建筑与城市规划理论	城市设计
17	明 辉	讲师	硕士	环境艺术与理论	美术
18	肖 灿	教授	博士	建筑历史与理论	中国建筑史
19	宋明星	讲师	硕士	建筑与城市规划理论	公共建筑设计原理
20	钟力力	讲师	硕士	建筑与城市规划理论	设计基础
21	邹 敏	讲师	硕士	建筑与城市规划理论	设计基础
22	张 蔚	讲师	硕士	建筑与城市规划理论	设计基础
23	邓凌云	高级工程师	在读博士	城市规划理论及设计	城市政策与法规、城市经济学
24	赵学彬	高级工程师	博士	城市规划理论及设计	规划案例评述、城市经济学
25	张鸿辉	高级工程师	博士	城市规划理论及设计	数字规划理论与实践
26	陈群元	高级工程师	博士	城市规划理论及设计	区域分析与区域规划、城市地理学、规划案例评述、城市规划管理与法规

七、专业责任教授

序号	姓名	职称	学历学位	专业特长	承担授课课程
1	邱灿红	教授	硕士	可持续性城市设计、居住建筑与社区规划、中外城市历史与城市文化、人居环境学研究	城市设计概论、中外城建史与文化保护、城市规划概论、居住区规划

Urban and Rural Planning

I . Objectives

The educational objectives of this undergraduate program are to adapt the students to the demand of urban and rural sustainable development as professional team players with a solid theoretical and practical command of urban and rural planning and designing, a good sense of social responsibility and cultural inheritance, for various planning and administrative institutions, higher education and research institutions and other related fields.

II . Basic Specifications

Graduates of this program are required to have a good command of theoretical and practical knowledge of urban and rural planning, an adequate training in planning principles, procedures, methods and design expressions, an ability to deal with the complex relation between urban and rural development and natural and social environment and historical heritage, and the basic qualities engaging in urban and rural planning and planning management.

III . Characteristics

Students are required an integration of international view and regional practice with the urban and rural geographical characteristics of hilly Central China in mind, and a good command of the following core competence:

1. Methodology and ability in urban and rural planning.
2. Professional quality of an urban and rural planner.
3. Basic theories and methods of urban and rural planning.
4. Coordinating ability in related fields.
5. All-dimensional expression of design concepts.
6. Application of new technology and methods.
7. Sound and comprehensive humanity attainment.
8. Scientific and rational analysis.

IV . Length of Schooling, Basic Requirements for Graduation, and Degree Conferment

1. The length of schooling for undergraduate studies is five years, with a flexible length lasting from 5 to 7 years, based on the regulation of credit system.

2. Students of urban and rural planning majors are expected to complete a minimum of 200 credits upon graduation, and the required credits for different courses are illustrated in the following table:

Course Category	Required General Education Courses	Introductory Major Courses	Major Survey Courses	Required Core Courses	Restricted Electives	General Education Electives	Intensive Practice	Total
Credits	27	18	40	35	36	8	36	200

3. On successful completion of the prescribed courses and intensive practice, students, who are qualified enough to meet all the requirements of this program, will thus be awarded the Bachelor's Degree of Engineering.

V. Curriculum and Credits

1. General Education Courses [required 27+(6) + elective 8 credits]

The general education courses consist of required courses and elective courses. General education electives are designed according to the *Curriculum Design of General Education Electives of Hunan University*. Required general education courses are illustrated in the following table.

Code	Course Title	Credit(s)	Remarks
GE01101	Introduction to Maoism and Theoretical System of Socialism with Chinese Characteristics	3+(3)	
GE01039	Moral Cultivation and Law Basics	1.5+ (1.5)	
GE01100	Current Situation and Policies	0.5+ (1.5)	
GE01102	Outline of Modern Chinese History	2	
GE01103	Fundamentals of Marxism I	2	
GE01104	Fundamentals of Marxism II	2	
GE01012(-15)	College English	8	
GE01088	Computer Proficiency Test	0.5	
GE01105	Introduction to Computer Science and Programming	2.5	
GE01107(-13)	Psychological Health & Career Planning	1	
GE01089(-92)	Physical Education	4	

2. Introductory Major Courses (18 credits)

Code	Course Title	Credit(s)	Remarks
AR03019	Introduction to Design	1.5	An introduction to the specialty
AR03021	Introduction to Human's Residential Environmentology	1.5	Disciplinary introduction
AR03022	Art I	2	Hand-Drawing and Sketches
AR03023	Art II	2	Water Color
AR03024	Professional Art I	2	Single Color and Multiple Media
AR03025	Professional Art II	2	Colors
AR03026	Environmental Psychology	1	
AR03027	Computer-Aided Architectural Design I	1	
GE02038	Advanced Mathematics C	3	
AR03028	Engineering Graphics	2	

3. Major Survey Courses (40 credits)

Code	Course Title	Credit(s)	Remarks
AR04001	Design Basis I	3	
AR04002	Design Basis II	3	
AR04004	Building Construction I	2	
AR04006	Public Building Design Principles	2	
AR04007	Site Design	2	
AR04010	Residential Building Design Principles	2	
AR04012	Urban Green Space Planning	2	
AR04009	Residential Planning	3	
AR04011	Introduction to Urban Design	2	
AR03016	History of Foreign Architecture	3	
AR03015	History of Chinese Architecture	3	
AR06012	Urban Design	3	
AR06007	Introduction of Urban Planning I	2	An overview and history of planning concepts
GE02040	Building Shadow Perspective	3	
AR03005	Architectural Mechanics	3	
AR06030	Building Materials	2	Seminar

4. Required Core Courses (35 credits)

Code	Course Title	Credit(s)	Remarks
AR05033	History of Chinese and Foreign Urban Construction and Protection of Historical Cities	2	
AR05034	Administration and Law of Urban Planning	2	
AR05035	Road and Traffic Planning	3	
AR05036	Theory of Urban and Rural Planning II	2	Principles of detailed planning
AR05037	Theory of Urban and Rural Planning III	2	Principles of overall planning
AR05038	Planning of Urban Ecological Environment	2	
AR05008	Urban Master Planning and Design	5	
AR05039	Regulatory Detailed Planning and Design	3	
AR05040	Application of Urban Information Systems	2	
AR06015	Rural Planning	3	
AR05041	Introduction to Urban Society and Psychology	2	
AR05042	Planning of Urban and Rural Infrastructure	2	
AR06004	Urban Geography	2	
AR05010	Urban Social Economics	2	

5. Restricted Electives (36 credits)

Code	Course Title	Credit(s)	Remarks
AR05011	Architectural Design I	5	Seminar
AR05012	Architectural Design II	5	Seminar
AR05013	Architectural Design III	5	Seminar
AR05014	Architectural Design IV	5	Seminar
AR06097	Urban System Analysis	2	
AR06098	Regional Analysis and Planning	2	
AR06065	Planning of Ecological Tourism	3	
AR06099	Construction and Design of Ancient Chinese Style Buildings	2	One choice from the three
AR06100	Introduction to Environmental Behavioristics	2	
AR06101	Human Geography and Natural Geography	2	
AR06102	Theory and Practice of Conceptual Planning	1	One choice from the two
AR06103	Review of Planning Cases	1	
AR06056	Sustainable Construction Technology	2	One choice from the two
AR06104	Ecological Design and Technical Structure	2	
AR06105	Theory and Practice of Digital Planning	1	Two choice from the three
AR06010	Urban Development and Real Estate Economy	1	
AR06106	Protection and Renovation of Historical Buildings	1	
AR06107	Practice of Certified Planner	1	Two choice from the three
AR06057	Rapid Design and Manifestations(Seminar)	1	
AR06108	Project Budget	1	

Note: Students may take cross-major electives within the 18 elective credit. Two to four credits obtained through academic competitions and/or SIT practices can be counted as elective credits.

6. Intensive Practices (36 credits)

Code	Course Title	Credit(s)	Remarks
GE09003	Chinese Practical Writing and Training	1	
AR10010	Assignment of Construction Design	1	
AR10012	Assignment of Road and Traffic Design	1	
AR10007	Art Practice	2	
AR10023	Training of Spatial Thinking	1	
AR10029	Training Camp of Design Basics	1	
AR10015	Mapping Practice	1	
AR10030	Practice Camp of Urban and Rural Field Survey	2	
AR10005	Cognition Practice	2	
AR10014	Assignment of Urban Master Plan	1	
AR10031	Practice Camp of Urban and Rural Design	2	
AR10016	Graduation Field Work	1	
AR10017	Graduation Thesis	10	
AR10002	Production Thesis Practice	10	

VI. Course Instructor List

No.	Name	Academic Title	Educational Background	Research Areas	Courses
1	Qiu Canhong	Professor	M. A.	Sustainable Urban Design, Residential Building Area and Community Planning, Chinese and Foreign Urban History and Urban Culture, Research of People's Residential Environmentology	Introduction to Urban Design, History of Chinese and Foreign Urban Construction and Cultural Protection, Introduction to Urban Planning, Residential Area Planning
2	Xiao Yanyang	Associate Professor	M. A.	Specific Planning and Urban Design, Theory of Urban Planning and Road Traffic	Urban Road Traffic, Urban Social Psychology, Residential Area Planning, Urban Design, Workshop of Urban and Rural Field Practice
3	Jiao Sheng	Associate Professor	Ph. D	Urban Ecology Planning, Green Architectural Design, Sustainable Residential Area Planning	Urban Ecology and Environmental Protection, Ecotourism Planning, Residential Area Planning, Urban Design
4	Xu Yiqing	Lecturer	M. A.	Urban Overall Planning, Site Design of Hilly Areas, Urban Comprehensive Development	Urban Overall Planning Design, Theory of Urban Planning, Residential Area Planning; Urban Design
5	Jiang Min	Lecturer	M. A.	Urban Planning Theory and Design	Environmental Psychology, Urban Design Theory, Urban Design, Urban Gardening and Greens Planning, Residential Area Planning
6	Xiang Hui	Lecturer	M. A.	Theory of Urban Planning and Design	Urban Geography, History of Chinese and Foreign Urban Construction and Cultural Protection, Workshop of Design Basics, Theory of Urban Planning II, Introduction to Urban Design, Urban Design, Residential Area Planning
7	Chen Xuan	Lecturer	Ph. D	Theory of Urban Planning and Design	Introduction to Urban Design, Urban Design, Urban Social Economics, Urban System Analysis, Detailed Regulatory Plan and Design, Urban and Rural Field Workshop
8	Shen Yao	Lecturer	Ph. D	Community Planning and Related Theories, Methodology of Urban Ecological Planning, Theory and Design of Children-Friendly Cities	Introduction to Urban Planning, Ecotourism Planning, Residential Area Planning, Urban Design, Policies and Laws of Urban Planning, Spatial Thinking Workshop, Urban and Rural Field Workshop

Cont

No.	Name	Academic Title	Educational Background	Research Areas	Courses
9	Zhou Kai	Lecturer	Ph. D	Theory of Urban Planning and Design	Regional and Rural Master Planning, Application of Urban Information Systems, Principles of Urban and Rural Planning I, Urban Master Planning and Design, Spatial Thinking Workshop, Urban System Analysis, Urban Sociology
10	Ding Guosheng	Lecturer	Ph. D	Theory of Urban Planning and Design	Rural Planning, Urban Design, Detailed Regulatory Plan and Design, Principles of Urban and Rural Planning II
11	Liu Su	Professor	Ph. D	Architecture and Urban Planning Theories	Construction and Design of Ancient Chinese Buildings, Protection and Renovation of Historical Buildings, Rural Planning
12	Xu Feng	Professor	M. A.	Architecture and Urban Planning Theories	Technology of Sustainable Building
13	He Shaoyao	Professor	M. A.	Urban Planning Theories and Design	Urban Development and Real Estate, Environmental Psychology
14	Zhang Wei	Professor	M. A.	Architectural History and Theories	Foreign Architectural History
15	Deng Guang	Associate Professor	M. A.	Building Construction, Architectural Structure	Architectural Structure
16	Lu Jiansong	Associate Professor	Ph. D	Architectural and Urban Planning Theories	Urban Design
17	Ming Hui	Lecturer	M. A.	Art and Theory of Environment	Art
18	Xiao Can	Professor	Ph. D	Architectural History and Theories	Chinese Architectural History
19	Song Mingxing	Lecturer	M. A.	Architectural and Urban Planning Theories	Design Principles of Public Buildings
20	Zhong Lili	Lecturer	M. A.	Architectural and Urban Planning Theories	Basics of Design
21	Zou Min	Lecturer	M. A.	Architectural and Urban Planning Theories	Basics of Design
22	Zhang Wei	Lecturer	M. A.	Architectural and Urban Planning Theories	Basics of Design
23	Deng Lingyun	Senior Engineer	PhD candidate	Urban Planning Theories and Design	Urban Policies and Laws, Urban Economics
24	Zhao Xuebin	Senior Engineer	Ph. D	Urban Planning Theories and Design	Review of Planning Cases, Urban Economics
25	Zhang Honghui	Senior Engineer	Ph. D	Urban Planning Theories and Design	Theory and Practice of Digital Planning
26	Chen Qunyan	Senior Engineer	Ph. D	Urban Planning Theories and Design	Regional Analysis and Planning, Urban Geography, Review of Planning Cases, Urban Planning Administration and Laws

VII. Course Scheduler

No.	Name	Academic Title	Educational Background	Research Areas	Courses
1	Qiu Canhong	Professor	M. A.	Sustainable Urban Design, Residential Building Area and Community Planning, Chinese and Foreign Urban History and Urban Culture, Research of People's Residential Environmentology	Introduction to Urban Design, History of Chinese and Foreign Urban Construction and Cultural Protection, Introduction to Urban Planning, Residential Area Planning

(翻译人:汶静)