

## 建筑学(081300)全日制博士培养方案

### Architecture

#### 一、基本信息 Basic Information

院系名称 School	(430)设计学院 School of Design	适用年级 Grade	2023		
适用专业 Major	建筑学(081300) Architecture				
项目类型 Program Type	全日制博士				
最低学分	16	最低GPA学分	0	最低GPA	0

#### 二、学科简介 Introduction

建筑学是一门横跨人文、艺术和工程技术的学科，主要研究建筑物及其空间布局，为人的居住、社会和生产活动提供适宜的空间及环境，同时满足人们对其造型的审美要求。本学科探索研究人类因各类生存活动需求而构筑空间、场所、领域的学问，在新的时期，更借鉴城乡规划学、景观建筑学等，成为大容量、多层次、多学科的综合系统。本学位点设置“建筑设计及理论”、“建筑历史与理论”、“城市规划与设计”和“建筑技术科学”四个学科方向。申请从事“建筑学”博士学位学习的学生必须具备建筑学等相关领域的硕士研究生学历，并符合上海交通大学关于招收博士研究生招生简章及其他相关规定的要求。本学位点注重教学相长，理论与实践相结合，努力培育具有扎实学识、国际视野和中国文化背景的卓越建筑学研究人才，积极服务国家建设和社会发展。

Architecture is a discipline spanning the humanities, art and engineering technology. It mainly studies buildings and their spatial layout, providing suitable space and environment for people's living, social and production activities, while at the same time meeting people's aesthetic requirements for their forms. This discipline explores the knowledge that human beings construct spaces, places, and domains for various living activities. In the new era, it draws on urban and rural planning, landscape architecture, etc. to become a large-capacity, multi-level, and multi-disciplinary comprehensive system. This degree set up four disciplines: "Architectural Design and Theory", "Architectural History and Theory", "Urban Planning and Design" and "Architectural Technology and Science". Students applying for a doctoral degree in "Architecture" must have a master's degree in architecture or other related fields, and meet the requirements of Shanghai Jiao Tong University's admissions guide for doctoral students and other relevant regulations. This degree focuses on teaching and learning, combining theory with practice, striving

to cultivate outstanding architectural research talent with solid knowledge, international vision and Chinese cultural backgrounds, actively serving national construction and social development.

### 三、培养目标 Program Objective

建筑学博士学位获得者应能系统地掌握本学科坚实宽广的基础理论知识，具有深厚的理论素养，开阔的国际视野和本学科基础理论和基本知识体系和学术修养，了解建筑学科的现状和前沿，具备独立进行研究的能力；较熟练地掌握一门外语并能用于本专业的阅读、书写和交流；学位获得者能胜任在高等院校、科研机构、设计企业等从事建筑学的教育、研究、咨询和设计工作。

Candidates for a doctoral degree in Architecture should be able to systematically master the solid and broad basic theoretical knowledge of the discipline, have profound theoretical literacy, broad international vision, basic theories and basic knowledge systems of the discipline, academic accomplishments, and understand the current situation and development of the discipline of architecture. Candidate should have the ability to conduct independent research; master a foreign language proficiently and be able to use it in reading, writing and communication in this major; Degree holders are qualified to engage in architecture education in institutions of higher learning, scientific research institutions, design companies, etc. , research, consulting and design work.

### 四、培养方式及学习年限 Training Mode and Study Duration

本项目采用全日制学习、导师制培养模式。普通博士生（含硕博连读生取得博士生学籍后）的基本学习年限为4年；直博生的基本学习年限为5年。非定向的普通博士生最长学习年限（含休学）不超过6年，直博生、定向的普通博士生、非全日制博士生最长学习年限（含休学）不超过7年。

This is a full-time, tutorial-based program. The general study period for ordinary doctoral students (including master-doctor combined program students) is 4 years; the general study period for direct doctoral students is 5 years. The maximum length of study for non-oriented ordinary doctoral students (including suspension) is no more than 6 years, and the maximum length of study for direct doctoral students, oriented general doctoral students and part-time doctoral students (including suspension) is no more than 7 years.

### 五、课程学习要求 Course Requirement

课程类别 Course Type	学分要求 Min Credits	GPA 学分要求 Min GPA Credit	备注 Note
公共基础课 General Fundamental Courses	5		
专业基础课 Program Core Courses	5		
专业前沿课 Program Frontier Courses	0		

专业选修课 Program Elective Courses	0		
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## 六、培养过程要求 Training Requirement

直博及硕博连读学生，总学分≥40。普通博士生，总学分≥16。硕转博学生博士阶段的课程学分不少于 10 学分。除了全部修读学校公共课、专业基础课之外,各方向(跟导师)还应修读指定的专业前沿课，其他方向的专业前沿课可以作为专业选修课修读。专业课程学习原则上要求在 1.5 年内完成。

For direct doctoral and master-doctor combined students, the total credits required are ≥40. For ordinary doctoral students, the total credits required are ≥16. For graduate students who transfer to the doctoral program, no less than 10 credits are required. In addition to all the general courses and professional core courses, students of all research areas should also take designated program frontier courses (as recommended by their supervisors), and program frontier courses in other areas can be taken as their program elective courses. In principle, professional courses should be completed within 1.5 years.

## 七、学术成果要求 Requirements for Academic Achievements

须符合设计学院建筑学博士学位（学术型）授予标准中的要求。

Students shall meet the requirements for the Awarding Criteria for Doctor of Architecture (Academic) of School of Design.

## 八、学位论文 Thesis/dissertation work

规范性要求：学位论文应满足《上海交通大学研究生学术规范》（沪交研（2019）87号）要求。博士学位论文的选题应具有科学性、学术性、创新性、先进性和可行性。博士学位论文能够表明作者具有独立从事科学研究工作的能力，反映作者在本门学科上掌握了坚实宽广的基础理论和系统深入的专业知识。

质量要求：论文撰写格式按照学校的有关规定执行。论文要求概念清晰、材料丰富、逻辑周严、分析深刻、观点创新。论文要包含相关研究课题的设计内容或艺术创作实践内容，并达到较高的学术要求。为保证学位授予质量，学位论文需经抽检，抽检办法符合《上海交通大学学位论文抽检暂行规定》（沪交研（2019）86号）。

Normative requirements: The dissertation should meet the requirements of "Shanghai Jiao Tong University Graduate Academic Standards" (Shanghai Jiao Tong Graduate School [2019] No. 87). The topic of a doctoral dissertation should be scientific, academic, innovative, advanced and feasible. The dissertation should prove that the author has the ability to independently engage in scientific research work, reflecting that the author has mastered a solid and broad basic theory and systematic in-depth professional knowledge in the subject. Quality requirements: The format of the dissertation writing shall be implemented in accordance with the relevant regulations of the university. The dissertation requires clear concepts, rich materials, strict logic, profound analysis, and innovative ideas. It should include the design content or artistic creation practice content of relevant research topics, and meet high academic requirements. In order to guarantee the quality of degree awards, the dissertation is subject to random inspection, and the method of random inspection complies with the "Interim Provisions on the Sampling Inspection of Degree Dissertation of Shanghai Jiao Tong University" (Shanghai Jiao Tong Graduate School [2019] No. 86).

## 九、课程设置 **Courses**

详见下页 Please refer to the next page.

课程类别 Category	课程代码 Course Code	课程名称 Course Name		学分 Credit	授课语言 Language	开课学期 Semester	是否必修 Compusory	可以计算 GPA	必须计算 GPA	备注 Note	多选组 Course Group
		中文 Chinese	English 英文								
公共基础课 General Fundamental Courses	CHN6207	汉语	Chinese	4	中文	秋季	是	否	否	国际生必修	最少3门、最低5分
	CHN0916	中国文化概论	Introduction to Chinese Culture	2	中英并行开班	春秋季	是	否	否	国际生必修	最少3门、最低5分
	FL6001	学术英语	English for Academic Purposes	2	英文	春秋季	是	是	是	中国籍国际生均必修	最少3门、最低5分
	GE6001	学术写作、规范与伦理	Scientific Writing, Integrity and Ethics	1	中英并行开班	春秋季	是	是	否	中国籍国际生均必修	最少3门、最低5分
	MARX7001	中国马克思主义与当代	Marxism in China	2	中文	春秋季	是	否	否	中国籍学生必修	最少3门、最低5分
	STAT6001	基础数理统计	Fundamental Mathematical Statistics	3	中英并行开班	春秋季	否	是	否		
专业基础课 Program Core Courses	ARCH6001	设计专题	Design and Research	4	英文	秋季	否	是	否		
	ARCH6102	中外建筑史	Chinese and Foreign Architectural History	3	中文	秋季	否	是	否		
	ARCH6402	城市区域规划理论	City and Regional Planning	3	中文	春季	否	是	否		
	ARCH9201	空间叙事与体验	Spatial Narrative and Experience	2	英文	春季	否	是	否		
专业前沿课 Program Frontier Courses	ARCH8101	建筑遗产保护基本理论	The Basic Theory of Architectural Heritage Conservation	2	英文	秋季	否	是	否		
	ARCH8203	大空间公共建筑设计	Design of the Big Space Public Architecture	2	中文	秋季	否	是	否		
	ARCH8304	建筑节能原理与技术	Building Energy Efficiency Theory and Technology	2	英文	秋季	否	是	否		
	GE6011	学术报告会	Academic Lectures	1	中英并行开班	秋季	是	否	否		
	ARCH6101	建筑创作	Architecture Forum	2	中文	春季	否	是	否		
	ARCH8302	人与建筑环境	Man and building environment	2	英文	春季	否	是	否		
	ARCH8303	建筑物理环境模拟技术	Simulation Technology on Built Environment	2	中文	春季	否	是	否		
	ARCH8401	城市研究	Urban Studies	3	英文	春季	否	是	否		
PUM6004	社会科学研究方法	Social Science Methodology	3	中英并行开班	春秋季	否	否	否			

专业选修课 Program Elective Courses	ARCH8301	室内环境测试技术	Testing Technology for Indoor Environment	2	英文	秋季	否	是	否		
	LA9401	景观生态学	Landscape Ecology	3	中文	秋季	否	否	否		
	LA9402	城市生态学—城市的科学	Urban Ecology: Science of Cities	3	中文	秋季	否	否	否		
	ARCH8102	中国古典建筑与法式制度	The Typical Construction of Chinese Traditional Architecture	2	中文	春季	否	是	否		
	ARCH8204	景观建筑设计理论	Theory of Landscape Architecture Design	2	英文	春季	否	否	否		