

081300 上海交通大学设计学院建筑学学术型研究生培养方案

2020 Full-time International Master Program for Architecture

一、Basic Information

院系名称 School	设计学院建筑学系 Architecture Department of Design School	适用年级 Grade	2020 级 2020 Class		
适用专业 Major	建筑学 Architecture	标准学制 Duration	2.5 年 2.5 Years		
学习形式 Study Mode	全日制 Full time				
项目类型 Program Type	学术型 Academic				
培养层次 Program Level	硕士生 Master Student				
最低学分 Min Credit	30	最低 GPA 学分 Min GPA Credit	19	最低 GPA Min GPA	2.7

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。

Architecture is a discipline that spans humanities, art, and engineering. It focuses on buildings and their spatial layout, providing suitable spaces and environments for people's living, social, and productive activities, while meeting the aesthetic requirements of people for their styling. This discipline explores the study of human beings' space, place, and field for various living needs. In the new era, it draws on urban and rural planning and landscape architecture to become a large-capacity, multi-level, interdisciplinary system.

三、培养目标 Program Objective

本学科硕士学位的培养目标是建筑学研究型人才。具备本学科基础理论和基本知识体系和初步研究能力，具有较好的创造性思维和学术修养，了解本学科的基本历史与现状，具备独立进行建筑设计和研究的能力；较熟练地掌握一门外语并有能力使用本专业的外文资料；学位获得者可在建筑科研单位或设计单位从事建筑设计和研究，亦可从事管理、教育、开发、咨询等方面工作，也可进一步攻读相关学科的博士学位。

The training target of master's degree in this discipline is research-oriented talents in architecture. Have the basic theory, basic knowledge system and preliminary research ability of this discipline, have good creative thinking and academic accomplishment, understand the basic history and current situation of this discipline, have the ability to independently conduct architectural design and research; Able to master a foreign language proficiently and be able to use foreign language materials of this major; The winner of the degree can be engaged in architectural design and research in architectural research institutions or design institutions, and can also be engaged in management, education, development, consulting and other work, or further study for the doctoral degree in related disciplines.

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

全日制硕士课程，学制 2.5 年。学生必须修满 30 学分，其中必修课 9 学分。在 30 个学分中，19 个学分应算作 GPA 课程。一般情况下，学生在前三个学期完成除论文课程外的所有课程；第四个学期通常用于论文的研究和实践。

There is a full time master's program with the length of 2.5 years. Students are required to take at least 30 credits in total, including 11credits for required course. Among 30 credits hours, 19 should be counted as GPA courses. Normally students should finish all courses except thesis course in the first 3 semesters; the fourth semester is usually used for research and practice for thesis.

五、课程学习要求 Course Requirement

课程类别 Course Type	学分要求 Min Credits	门数要求 Min Courses	GPA 学分要求 Min GPA Credit	备注 Note
公共基础课 General Courses	6	4	5	
专业基础课 Program Core Courses	6	2	6	
专业前沿课 Program Frontier Courses	7	4	7	
专业选修课 Program Elective Courses	8	4		
任意选修课 Elective Courses				非必需

六、培养过程要求 Training Requirement

开题报告

1) 硕士研究生应在在第三学期由系组织开题答辩。

2) 建议在导师的指导下进行，汇报本课题在当前国内外研究中的研究现状、意义和价值，以及目前已具备的研究条件、研究基本思路、框架结构、进度安排等。学生还必须提出研究方案、支撑理论和研究方法。

中期检查

一般来说，硕士的中期检查应该在第四学期完成。硕士中期检查的基本要求是：

- 1) 对学习持积极态度；
- 2) 完成并通过培训计划中的所有课程；达到或超过学校对最低总学分和学位课程学分的要求；
- 3) 学位课程的平均绩点不低于 2.70。

Thesis Proposal

1) In the 3rd semester, the defense of Proposal will be organized by the department.

2) The Proposal should be conducted under the guidance of the instructor, which concludes research status, significance and value of the topic in the current research at home and abroad, and the main condition, the research basic mentality, frame structure, schedule and so on for individual study. Students must also put forward design draft, supporting theory and research methods.

Mid-term Examination

Normally, the master's mid-term Examination should be completed in the 4rd semester. The basic requirements for Master's mid-term Examination are:

- 1) Hold positive attitudes towards study;
- 2) Complete and pass all the courses in the training plan; Meeting or exceeding the requirements of school for the minimum total credits and degree course credits;
- 3) The GPA of degree course is no less than 2.70.

七、学术成果要求 Requirement on Academic Achievements

以上海交通大学为第一单位，至少发表（或录用）一篇与学位论文主要内容相关的核心期刊学术论文，否则不得答辩。发表论文认定办法：学生第一作者计一篇；学生第二作者、导师第一作者计 0.5 篇；其他情况一概不计。(SCI、SSCI、A&HCI、EI、CSCD 和学科评估认可的期刊论文)

With Shanghai jiao tong university as the first unit, at least one core journal academic paper related to the main content of the dissertation shall be published (or accepted), or else the defense shall not be allowed. Identification method of publishing papers: Students as the first author count for one article; Students as the second author, tutors as the first author count for 0.5 articles; Other circumstances do not count. (SCI, SSCI, A&HCI, EI, CSCD and journal papers accredited by subject evaluation)

八、学位论文 Thesis/dissertation work

学位论文应围绕建筑领域的问题，与学科的发展相适应，符合学术写作的标准，充分展示学生在设计理论和实践方面的创造性和能力。此外，论文必须由学生在导师的指导下独立撰写。论文答辩按《上海交通大学研究生学位论文答辩及学位申请工作细则》由系学术委员会组织实行。

毕业论文答辩分为两个阶段：预答辩和答辩。

1) 预答辩通常在第五学期初进行。如论文符合毕业标准，委员会将对其进行检查。委员会由 3-5 名教授或副教授组成，不包括导师。经系许可，进行预答辩。学生只有通过预答辩，才能参加最后的答辩。如果预答辩不及格，有第二次机会参加另一轮预答辩，通常在 11 月举行。如果他们再次失败，将推迟毕业。

2) 正式的答辩通常在第五学期末进行。学生应在答辩前完成正式论文，并获得导师的许可，接受答辩委员会的审核。如果答辩失败，将推迟毕业。

3) 经答辩委员会答辩和评审合格后，颁发工学硕士学位证书。

The thesis should focus on the issues in the field of design, be in tune with the development of related disciplines, meet the standards of academic writing, and fully demonstrate the students' creativeness and capacity in design theories and practices. Also, the thesis must be written independently by the students under the guidance of supervisors. The dissertation defense is organized and implemented by the academic committee of the department in accordance with the regulations of dissertation defense and degree application for graduate students of Shanghai Jiao Tong university.

The oral defense for graduation thesis has two steps: pre-oral defense and final oral defense.

1) Pre-oral defense usually happens in early 5th semester. It is set to for the committee to exam the work if it meets the standard of graduation. The committee consists of 3-5 professors with supervisors excluded. Pre-oral defense should take place with the supervisors' permit. Only after passing the pre-oral defense can the student attend the final oral defense. If students fail, they should be given a second chance to attend another round of pre-oral defense, which is usually hold in November. If they fail again, the graduation process will postpone to next year.

2) The final oral defense usually happens in late 5th semester. Students should finish their thesis in prior to the defense, get the permit from supervisors and prepare to meet the academic committee's evaluation. If they fail, the graduation process will be postponed to next year.

3) After passing the oral defense and evaluation by the committee, the students will be issued a graduation certificate of Master program of Engineering.

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	可以计算 GPA	必须计算 GPA	授课教师	备注 Note
		中文 Chinese	English 英文							
公共基础课 General Courses	FL6001	学术英语	English for Academic Purposes	2	英文 in English	秋季 Fall	是 Yes	是 Yes	/	必修 Compulsory
	CHN6207	汉语	Chinese	4	中文 in Chinese	秋季 Fall	是 Yes	是 Yes	/	必修 Compulsory
	CHN0916	中国文化概论	The Theory and Practice of Socialism in China	2	英文 in English	秋季 Fall	是 Yes	是 Yes	/	必修 Compulsory
	GE6001	学术写作、规范与伦理	Scientific writing, integrity and ethics	1	英文 in English	春季 Spring	是 Yes	否 No	兰丽	必修 Compulsory
专业基础课 Program Core Courses	ARCH6001	设计专题	Design and Research	4	英文 in English	春季 Spring	是 Yes	是 Yes	张海翱	必修 Compulsory
	ARCH6102	中外建筑史	Chinese and foreign architectural history	3	中文 in Chinese	秋季 Fall	是 Yes	否 No	刘杰	选修 Elective
	ARCH6101	建筑创作	Architecture Forum	2	中文 in Chinese	春季 Spring	是 Yes	否 No	张健	选修 Elective
	ARCH9401	城市设计与规划管理	Urban Design and Planning Administration	2	英文 in English	春季 Spring	是 Yes	否 No	王林	选修 Elective
	ARCH9301	现代建筑技术	Modern Technology on Building	2	英文 in English	春季 Spring	是 Yes	否 No	吕爱民	选修 Elective
专业前沿课 Program Frontier Courses	GE6012	学术报告会	Symposium	1	英文 in English	春秋季	是 Yes	否 No	主管系主任	必修 Compulsory
	ARCH8302	人与建筑环境	Man and building environment	2	英文 in English	春季 Spring	是 Yes	否 No	连之伟	选修 Elective
	ARCH8201	参数化设计与数字建造	Parametric Design and Digital Fabrication	2	英文 in English	春季 Spring	是 Yes	否 No	刘士兴	选修 Elective
	ARCH8202	中国当代本土建筑设计实践研究	Study on Chinese contemporary architectural design practice	2	英文 in English	秋季 Fall	是 Yes	否 No	范文兵	选修 Elective

	ARCH8303	建筑物理环境模拟技术	Simulation Technology on Built Environment	2	英文 in English	春季 Spring	是 Yes	否 No	张会波	选修 Elective
	ARCH9201	空间叙事与体验	Spatial Narrative and Experience	2	中文 in Chinese	春季 Spring	是 Yes	否 No	陆邵明	选修 Elective
	ARCH8101	建筑遗产保护基本理论	The Theory of Renovation of Architectural Heritages	2	英文 in English	秋季 Fall	是 Yes	否 No	曹永康、杜骞	选修 Elective
	ARCH8203	大空间公共建筑设计	Design of the Big Space Public Architecture	2	中文 in Chinese	秋季 Fall	是 Yes	否 No	蔡军	选修 Elective
	ARCH6402	城市区域规划理论	Urban Design and Planning Administration	2	中文 in Chinese	春季 Spring	是 Yes	否 No	游猎	选修 Elective
	ARCH6401	城市建筑开发与策划	City and Architectural Programming	2	中文 in Chinese	秋季 Fall	是 Yes	否 No	马文军	选修 Elective
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 in English	秋季	否 No	否 No	连之伟	选修 Elective
	LA6101	风景园林历史与理论	History&Theory of Landscape Architecture	2	中文 in Chinese	秋季	否 No	否 No	李玉红、于冰沁	选修 Elective
	ARCH8401	城市研究	Urban Studies	3	英文 in English	秋季	否 No	否 No	马文军	选修 Elective
	LA8101	中国古典园林分析	The Classical Chinese Garden Analysis	2	英文 in English	秋季	否 No	否 No	陈丹	选修 Elective
	ARCH8103	建筑思潮与评论	Architectural theory and criticism	2	中文 in Chinese	春季	否 No	否 No	张炯	选修 Elective
	ARCH8402	环境行为学	Environmental Behavior Theory	2	中文 in Chinese	春季	否 No	否 No	秦丹尼	选修 Elective
	ARCH8304	建筑节能原理与技术	Building Energy Efficiency Theory and Technology	2	英文 in English	秋季	否 No	否 No	兰丽	选修 Elective
	ARCH8102	中国古典建筑与法式制度	The Typical Construction of Chinese Traditional Architecture	2	中文 in Chinese	春季	否 No	否 No	蔡军	选修 Elective
	ARCH9101	中国近现代建筑史	History of Modern Chinese Architecture	2	英文 in English	春季	否 No	否 No	王浩娱、赵冬梅	选修 Elective
	ARCH8204	景观建筑设计理论	Theory of Landscape Architecture Design	2	英文 in English	秋季	否 No	否 No	玄峰	选修 Elective
	ARCH8205	建筑与城市设计研究调查方法	Research Methods of Architecture and Urban Design	1	英文 in English	春季	否 No	否 No	张子琪	选修 Elective
	ARCH8206	户外空间设计	Outdoor Space Design	2	中文 in Chinese	春季	否 No	否 No	陶聪	选修 Elective

