

建筑学(085100)全日制硕士培养方案

2020 Full-time International Master Program for 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	2021	
适用专业 Major	建筑学(085100) Architecture				
项目类型 Program Type	全日制硕士				
最低学分 Min Credit	33	最低 GPA 学分 Min GPA Credit	29	最低 GPA Min GPA	2.7

二、学科简介 Introduction

上海交通大学建筑学专业开设于 1993 年，1998 年与工业设计系联合建立设计艺术硕士点，2003 年取得“建筑设计及其理论”与“城市规划与设计”二级学科硕士学位授予权，2006 年首次参加并通过建筑学专业本科教育评估，2011 年取得建筑学一级学科硕士学位授予权并与土木工程系联合招收博士研究生，2018 年通过建筑学专业硕士评估。经过多年的发展，上海交通大学建筑学系已形成一支高素质、多元化的师资队伍；每年招收本科生约 50 名（含留学生），研究生约 20 名（含留学生）。2021 年上海交通大学建筑学专业排名均位居 QS 世界大学排行榜第 48 位，是国内目前发展最迅速的建筑学专业之一。

The major of Architecture in Shanghai Jiao Tong University (SJTU) was established in 1993. In 1998, it initiated a master's degree in Design Art with the Department of Industrial Design. In 2003, it obtained the authorization to grant master's degrees in secondary disciplines — "Architectural Design and Theory" and "Urban Planning and Design". In the national accreditation on architectural education for undergraduate the major of architecture was successfully evaluated qualified in its first participation in 2006. Then, in the following 2011, it obtained the authorization to grant master's degree in Architecture, the first-level discipline and started to recruit doctoral students together with the Department of Civil Engineering. In 2018, it passed the national assessment on graduate programs of architecture. After years of development, the Department of Architecture in SJTU has built a strong team of high-quality and diverse faculties; it enrolls about 50 undergraduates (including international students) and about 20 graduates (including international students) each year. In 2020, the major of Architecture in Shanghai Jiao Tong University ranked

the 47th in the QS World University Rankings and ascends as one of fastest growing architecture majors in China.

三、培养目标 Program Objective

本专业硕士全英文项目主要培养既有中国文化底蕴、高尚伦理价值，又有国际视野、求真精神，以人类命运共同体为己任，对世界设计思想做出贡献的专业领军人才。在这一导向下，本学位点以培养建筑学领域具有职业素养和国际视野的高层次应用型人才为目标。

建筑学专业硕士学位获得者应掌握建筑学及相关领域的基本理论与方法，具有较高的建筑设计水平和较强的专业实践经验与职业素养，能胜任建筑设计、历史建筑与遗产保护、城市设计、建筑技术设计等方面工作。既可在建筑设计单位从事设计与研究，也可从事建筑设计管理、教育、开发、咨询等方面工作，并有潜力成为本专业领域优秀的职业建筑师和高级管理人员。

主要研究方向包括:建筑设计、城市设计。

The International Master of Architecture, is to cultivate professional leading talents who not only acquire Chinese cultural heritage, noble ethical values, international vision and truth-seeking spirit, but also devote themselves to the common destiny of mankind and contributing to thoughts of the design in the world. Following this guidance, this program aims to train high-level practical talents with professional qualities and international vision in the field of architecture.

Candidates who successfully receive the master's degree in Architecture should be equipped the basic theories and methods of Architecture and related fields, have a relatively high level capability of architectural design, strong professional practical experience and accomplishment, and be competent in architectural design, historical architecture and heritage protection, urban design, design of building technology and other aspects. All candidates in this program will be trained comprehensively. They will be capable of designing and researching in architectural design firms, as well as the work in architectural design management, education, development, consulting and other aspects. Each candidate will have the potential to become an outstanding professional architect and senior management in this field.

The main research directions include: architectural design, urban design.

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

建筑学专业硕士研究生学制通常为两年半，总学分数 33（国际生 36 学分），GPA 学分大于等于 26，最低 GPA 为 2.7。建议在三学期内完成课程学分要求。每学期选修不超过 15 学分。

The M.Arch. programme is normally a two-and-a-half year program with a total of 33 credits (36 credits for international students) and a GPA of greater than or equal to 26 credits with a minimum GPA of 2.7. It is recommended that course credits be completed within three semesters. No more than 15 credits per semester may be taken.

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	4	
专业基础课 Program Core Courses	15	13	
专业前沿课 Program Frontier Courses	11	11	
专业选修课 Program Elective Courses	2		

六、培养过程要求 Training Requirement

开题报告、论文中期检查环节不通过者顺延三个月参与第二次考评，第二次考评不通过者应予退学。中期考核应达到的基本要求：学习态度端正，完成培养计划中规定的全部课程学习并成绩合格，完成的

课程总学分和学位课程学分应该达到或超过学校的最低培养要求，学位课程的平均级点不低于 2.7，学位论文进展顺利。预答辩未通过者须按照预答辩意见对论文进行修改，再次预答辩；如第二次预答辩仍未通过则延期三个月后答辩。

Students who fail Thesis Proposal or Mid-term Assessment will have an extra attempt to re-take it after three months, but should be expelled when it fails again. To pass the mid-term assessment, students must hold a positive attitude toward learning, complete and pass all courses listed in the cultivation plan, and earn total credits and degree credits that meet or exceed the minimum requirement by school. Additionally, student have to get a GPA above 2.7 for degree courses and deal well with thesis.

Students who fail the thesis pre-defense have to revise the thesis according to remarks of the defense committee and prepare for the pre-defense one more time. Those who fail the pre-defense for the second time have to postpone their final defense for three months.

At least a two-thirds approval of the defense committee is required for the candidate to pass the defense, after which the candidate is allowed to apply for degree conferral. Those who fail the defense are allowed to revise the thesis and schedule a re-defense within a certain period (eg., one year for master's candidates) if it falls in the standard duration of study for the program.

七、学术成果要求 **Requirement on Academic Achievements**

执行上海交通大学设计学院专业硕士申请学位所需成果的认定办法

Fulfill the requirement for master students degree application by School of Design SJTU.

八、学位论文 **Thesis/dissertation work**

1. 规范性要求：学位论文应具有明确的科学意义或艺术价值，立意新颖，设计合理，技术路线清楚，实验数据准确可信，分析可靠，书写规范，文字流畅，图表清晰。

2. 质量要求：学位论文应具有一定的创新性和学术参考价值，并能充分反映研究生已全面达到“培养目标”所规定的各项要求。

1. Normal requirements: The dissertation should have clear scientific significance or artistic value, originalities, practical design, clear research approach, accurate data, reliable analysis, formal writing, fluent text and clear diagrams.

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	CHN0916	中国文化概论	Introduction to Chinese Culture	2	中英并行开班	春秋季	是	是	是	留学生必修	最少2门、最低3分
	CHN6207	汉语	Chinese	4	中文	春秋季	是	否	否	留学生必修	最少2门、最低3分
	MARX6001	新时代中国特色社会主义思想理论与实践	Theory and Practice of Socialism with Chinese Characteristics in the New Era	2	中文	春秋季	是	是	是	中国籍学生必修	最少2门、最低3分
	MARX6003	自然辩证法概论	Introduction to Dialectics of Nature	1	中文	春秋季	是	是	是	中国籍学生必修	最少2门、最低3分
	FL6001	学术英语	English for Academic Purposes	2	英文	春秋季	是	是	是		
专业基础课 Program Core Courses	ARCH6301	建筑环境与设计	Built Environment and Design	2	英文	秋季	否	是	是		最少2门、最低4分
	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	秋季	否	是	是		最少2门、最低4分
	ARCH6103	建筑遗产保护—理论、技术与实践	Architectural Conservation: Theory, Technology and Practice	2	英文	春季	否	是	是		最少2门、最低4分
	ARCH6403	城市设计与规划实践	Urban Design and Planning Practice	2	英文	春季	否	是	是		最少2门、最低4分
	ARCH6201	核心设计（1）	Core Studio（1）	4	英文	秋季	是	是	是		
	ARCH6202	核心设计（2）	Core Studio（2）	4	英文	春季	是	是	是		
	GE6011	学术报告会	Academic Lectures	1	英文	春季	是	否	否		
	GE8001	专业实践	Professional Practice	1	英文	春季	是	否	否		
	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	是		
专业前沿课 Program Frontier Courses	ARCH8002	社会与设计——一种居住史纲	Society and Design – A History of Housing	3	英文	秋季	是	是	是		
	ARCH8003	多学科合作设计：大系统下的现实及虚拟“社区”	Multidisciplinary Cooperative Design: Treal and Virtual “Community” Design Under the Big System	4	英文	秋季	是	是	是		
	LA8504	生态与设计	Ecology and Design	2	英文	秋季	是	是	是		

	DES8034	数字与设计	Informatics and Design	2	英文	春季	是	是	是		
专业选修课 Program Elective Courses	ARCH6401	城市建筑开发与策划	City and Architectural Programming	2	英文	秋季	否	是	否		
	ARCH8104	中国近现代建筑 1840s-1980s	Modern Chinese Architecture 1840s-1980s	1	英文	秋季	否	是	否		
	ARCH8105	历史环境中的建筑设计方法	Design Method for the Architecture in the Context of Historic Environment	2	英文	秋季	否	是	否		
	ARCH8305	健康建筑科学	Healthy Building Science	2	英文	秋季	否	是	否		
	ARCH8306	城市与建筑环境数值模拟	Numerical Simulation of Urban and Built Environment	2	英文	秋季	否	是	否		
	ARCH8407	城市, 住宅, 和生活方式: 历史的视野	Cities, Dwellings, and Ways of Living: a Historic View	2	英文	秋季	否	是	否		