设计学(130500)全日制博士培养方案
2020 Full-time Doctoral Program for Design

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	设计学(130500) Design			
项 目 类 型 Program	全日制博士			
最 低 学 分 Min Credit	18	最低GPA学分 Min GPA	0	最低GPA Min GPA	0

二、学科简介 Introduction

　　上海交通大学于1986年在钱学森学长的建议下创建设计学科，1999年开始招收"设计艺术学"硕士研究生，2011年起全国首批招收"设计学"硕士研究生，2015年设立"设计科学与工程"交叉博士点，2017年12月成立设计学院，并列入学校"双一流"重点建设的17个学科群之一；2018年全国首批自主增列设计学一级博士点。在英国 QS 世界大学学科排名上，艺术与设计（Art &Design） 学科 2015、2016 年连续两年进入全球 50 强。

　　本学科立足交通大学综合性大学的强大优势，注重科学与艺术的融合，强调多学科创新设计，旨在培养面向未来的，具有家国情怀、领袖才能、国际视野、创新精神的"第一等"人才。师资雄厚、治学严谨，现有博士生导师31人，教授25人，副教授36人。

　　The discipline of design was first established in 1986 suggested by Qian Xuesen, starting to enroll graduate students from 1999, one of the very first in China. In 2015, it set up "Design Science and Engineering" cross-doctoral program. The School of Design was established in December 2017, and included in the school's "double first-class" key construction of one of the 17 subject groups; in 2018, the independent design-level doctoral program was added. As for QS World University Rankings, it has entered the Global Top 50 of Art &Design for two consecutive years from 2015.

　　This discipline is based on the strong advantages of the comprehensiveness of Shanghai Jiao Tong University, focusing on the integration of science and art, and emphasizing multi-disciplinary innovation design. It cultivates talented design professionals imbued with concern for our common human destiny, dedicated to providing solutions for the development of humanity. At present, there are 31 doctoral supervisors, 25 professors and 36 associate professors, consisting of its strong teaching resources and rigorous academic attitude.

　　学科下设智能设计理论与方法、信息与交互设计、环境与可持续设计三大前沿特色方向。毕业生就业去向为高校及科研院所、制造业设计部门、信息互联网行业设计与用户体验部门、设计咨询公司、文化创意及媒体行业、自主创业等。

　　Under the discipline, there are three frontier research directions including Intelligent Design Theory and Method, Information and Interaction Design, Environment and Sustainable Design. Graduates and alumni tend to work in universities and research institutes, manufacturing design departments, Internet industry and user experience departments, design consulting companies,

cultural creativity and media industries, as well as independent entrepreneurship.

三、培养目标 Program Objective

设计学博士学位获得者应能系统性地掌握本学科坚实宽广的基础理论知识，深入了解设计学科的进展、动向和最新发展前沿；具有独立从事科学研究及设计创新的能力，并在设计学领域取得理论或实践上的创造性研究成果；能熟练阅读本专业的外文资料，具有一定的写作能力和进行

国际学术交流的能力；能胜任高等院校教学、科学研究、产品开发或设计管理等工作；具备全面的设计学高端人才的素养。本专业博士点重视设计学与科学、技术、艺术、人文、商业与管理之间的整合，以设计思维训练为核心，培养研究型、复合型设计驱动创新人才。

Student who receive this degree should be able to systematically grasp the solid and broad basic theoretical knowledge of this subject, have a deep understanding of the progress, trends and latest development frontiers of the design discipline; have the ability to independently engage in scientific research and design innovation, and obtain creative research results in theory or practice; be proficient in reading related foreign materials, have academic writing abilities and be able to conduct international academic exchanges; be competent in teaching, tutoring, carrying out scientific research, product development or design management in colleges and universities; as well as possess comprehensive qualities of high-end talent in design. The program attaches great importance to the integration of design and science, technology, art, humanities, business and management. With design thinking training as the core, it cultivates research-oriented and compound design-driven innovative talents.

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。基本学习年限为4年。

非定向的普通博士生最长学习年限（含休学）不超过6年。

This is a full-time, tutorial-based program. The general study period for ordinary doctoral students is 4 years.

The maximum length of study for non-oriented ordinary doctoral students (including suspension) is no more than 6 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	9		
专业基础课 Program Core Courses	4		
专业前沿课 Program Frontier Courses	0		
专业选修课 Program Elective Courses	0		

六、培养过程要求 Training Requirement

培养过程要求执行《上海交通大学研究生培养管理规定》（沪交研〔2019〕72号）和《上海交通大学关于攻读博士学位研究生培养工作的规定》（沪交研〔2019〕98号）要求。

培养过程包含资格考试、开题报告、年度考核、预答辩和答辩等环节。对第一次学科资格考试成绩不通过者，可在下一学期申请重考；两次资格考试不通过者，不能继续攻读博士学位。首次论文开题未通过者，可在下一学期申请重新开题；两次论文开题均不通过者，不能继续攻读博士学位。按相关规定转为硕士生培养或退学处理。

The training process requires the implementation of the "Shanghai Jiao Tong University Graduate Education Management Regulations" (Shanghai Jiao Tong Graduate School [2019] No. 72) and the "Shanghai Jiao Tong University Regulations on the Training of Doctoral Graduate Students" (Shanghai Jiao Tong Graduate School [2019] No. 98)

The training process includes qualification examination, dissertation proposal, annual assessment, dissertation pre-defense and defense. Those who fail to pass the first qualification examination can apply for re-examination next semester; those who fail twice cannot continue to pursue their doctoral degree. Those who fail to pass the first dissertation proposal can apply for re-examination next semester; those who fail twice cannot continue to pursue their doctoral degree. According to relevant regulations, they should transfer to master's degree or drop out of the school.

七、学术成果要求 Requirement on Academic Achievements

1、创新成果的要求

博士研究生满足两项创新型成果均可以申请博士学位。创新型成果认定依《设计学院博士学位授予标准》。

2、学术交流要求

全日制博士生在读期间必须在高水平国际学术会议上作学术交流至少1次，交流形式应为口头报告、墙报展示，学术交流的内容应与博士学位论文研究工作紧密相关。

1. Requirements for innovation achievements

Before applying for dissertation defense, at least two innovation achievements should be acquired. Innovation achievement follows the standards of doctoral degree 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）。

1. 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 can 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 this subject.

2. 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

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
		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	
	FL6001	学术英语	English for Academic Purposes	2	英文	春季	是	否	否	
	CHN0916	中国文化概论	Introduction to Chinese Culture	2	中英并行开班	春秋季	是	否	否	
	GE6001	学术写作、规范与伦理	Scientific Writing, Integrity and Ethics	1	英文	春秋季	是	否	否	
专业基础课 Program Core Courses	DES7101	人因工程学	Applied Ergonomics	2	英文	秋季	否	否	否	Fall semester every two years/每2年秋季学期开班一次
	DES7102	用户研究	User Study	3	英文	秋季	否	否	否	
	DES8103	互联网产品创新设计	Web Product Innovation Design	3	英文	春季	否	否	否	
	DES8204	交互设计	Interaction Design	4	英文	春季	否	否	否	
	DES8404	艺术形态	Art Form	4	英文	春季	否	否	否	
	GE6011	学术报告会	Academic Lectures	1	英文	春秋季	是	否	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	否	否	
	ARCH8304	建筑节能原理与技术	Building Energy Efficiency Theory and Technology	2	英文	秋季	否	否	否	
	DES8107	智慧出行设计	Intelligent Mobility Research and Design (IMRD)	3	英文	秋季	否	否	否	
	LA8101	中国古典园林分析	Chinese Classical Gardens Analysis	2	英文	秋季	否	否	否	
	ARCH8302	人与建筑环境	Man and building environment	2	英文	春季	否	否	否	
	ARCH9201	空间叙事与体验	Spatial Narrative and Experience	2	英文	春季	否	否	否	
	ARCH9401	城市设计与规划管理	Urban Design and Planning Administration	2	英文	春季	否	否	否	