

# (130500)设计学 2020 级全日制研究生培养方案（留学生）

## 2020 Full-time Doctoral Program for Design

### 一、基本信息 Basic Information

院系名称 School	设计学院 School of Design	适用年级 Grade	2020 级 Class
适用专业 Major	【设计学国际博士生】	标准学制 Duration	4 年 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	普博生 Regular Doctoral Students		
最低学分 Min Credit	20	最低 GPA 学分 Min GPA Credit	最低 GPA Min GPA

### 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amp;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。

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。

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.

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

按照要求，全日制博士生学制为 4-6 年。

This is a full-time Doctoral program with normal length of 4-6 years.

### 五、课程学习要求 Course Requirement

毕业总学分需大于等于 20 学分，所有课程学分建议在第 1-2 个学年内修完。每个学期选修课程建议不超过 15 个学分。

Before graduation, a student shall complete a total of 20 credit hours. Students should finish the courses in four semesters. A student can register at most 15 credit hours each semester.

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	9	4		

专业基础课 Program Core Courses	5	2		
专业前沿课 Program Frontier Courses	4	2		
专业选修课 Program Elective Courses				
任意选修课 Elective Courses				非必需

## 六、培养过程要求 Training Requirement

资格（综合）考试	第 3 学期
开题报告	第 4 学期
年度进展报告	每年度需提交研究进度报告
预答辩	第 7 学期
答辩	第 8 学期
Qualification Exam	3rd Semester
Thesis Proposal Defense	4th Semester
Annual Progress Report	The end of every academic year
Pre-Oral Defense	7th Semester
Final Oral Defense	8th Semester

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

就读博士期间，应在所属学院学位评定委员会认定得刊物上，以上海交通大学为第一单位发表（或录用）2 篇与学位论文主要内容相关的学术论文，具体要求如下：

### 1、论文发表要求

申请学位论文答辩之前，至少公开发表（或录用）2 篇学术论文在 CSSCI（中文社会科学引文索引，不含集刊）或 SCI、SSCI、A&HCI（艺术人文科学引文索引）或 EI（最多 1 篇）期刊上。

基于本人论文研究内容获得国家级科技成果奖，可免除论文发表的要求；获得省部级科技成果一等奖（署名前 5 位）、二等奖（署名前 3 位）、三等奖（署名前 2 位）、或发明专利授权，等同于发表相同数量的 SCI 或 EI 论文；获得省部级其它科技成果奖项或发明专利公开，等同发表相同数量的学术论文。每个奖项或者专利只能计算一次。

### 2、学术论文发表的认定办法

学术论文必须在就读博士期间，以上海交通大学博士生身份为第一单位公开发表（或录用）于学院学位评定分委员会认定的刊物。学位申请人为第一作者发表的论文以 1 篇计；以第二作者发表的论文（第一作者必须是其导师）以 1/2 篇计；通讯作者按一篇计算；第三作者及以后者不计。

本要求如与《设计学院博士研究生指导教师选聘规定》如有冲突，以遴选办法为准。

Before the final defense, the student shall have 2 academic papers published or accepted in journals recognized by the Academic Degree Evaluation Committee of the School based on his/her dissertation work, with Shanghai Jiao Tong University as the first institution. The specific requirements are as follows:

The 2 academic papers could be 2 journal publications in CSSCI (Chinese Social Science Citation Index) journals, or in SCI (Science Citation Index), SSCI (Social Science Citation Index) or A&HCI (Arts & Humanities Citation Index) journals or (Engineering Index) EI journal articles (maximum of 1).

Students who won State Science and Technology Prizes based on their dissertation work may be exempted from the above publication requirements. The first-class (listed as top 5 contributors), second-class (listed as top 3 contributors), and/or third-class (listed as top 2 contributors) Provincial/Ministerial level Science and Technology Prizes won by students based on their dissertation work will be counted as SCI or EI papers. The other Provincial/Ministerial level Science and Technology Prizes won or patents of invention by students based on their dissertation work will be counted as academic papers. Each prize or patent will be counted once.

For Journal papers, each paper published by the degree applicant being the first author shall be counted as 1, each paper published with the degree applicant being the second author while his/her supervisor being the first author shall be counted as 1/2. Other papers will not be counted.

To regulate the application and conferral of PhD degree and to ensure the quality of PhD degree, these regulations are hereby formulated in accordance with School of Design SJTU Regulations on Supervisors.

## 八、学位论文 Thesis/dissertation work

1. 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。
2. 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 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.

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	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 English	in 秋季 Fall	/	必修 Compulsory
	CHN0916	中国文化概论	Introduction to Chinese Culture	2	/	春季/秋季 Spring/Fall	/	必修 Compulsory
	CHN6207	汉语	Chinese	4	/	春季/秋季 Spring/Fall	/	必修 Compulsory
	GE6001	学术写作、规范与伦理课	Scientific writing 、 integrity and ethnics	1	英文 English	in 春季/秋季 Spring/Fall	邱焯	必修 Compulsory
专业基础课 Program Core Courses	DES7102	用户研究	User Study	3	英文 English	in 秋季 Fall	常丹妮	必修 Compulsory
	DES7101	人因工程学	Applied Ergonomics	2	英文 English	in 秋季/2 年一次 Fall/2years	董占勋	必修 Compulsory
	GE6002	学术报告会	Academic Report	1	英文 English	in 春季/Spring	薛娇	必修 Compulsory
	GE6003	交互设计	Interaction Design	4	英文 English	in 春季 Spring	顾振宇	选修 Elective
	GE6004	互联网产品创新设计	Internet Production Innovation	3	英文 English	in 春季 Spring	吴湛微	选修 Elective
	GE6005	艺术形态	Art Form	4	英文 English	in 春季 Spring	孔繁强	选修 Elective
专业选修课 Program Elective Courses	GE6006	设计哲学和方法论前沿课题	Advanced Topics on Design Philosophy and Methodology	2	英文 English	in 秋季 Fall	张立群	选修 Elective
	GE6007	智慧出行设计	Intelligent Transportation Design	2	英文 English	in 秋季 Fall	韩挺	选修 Elective
	GE6008	设计战略与管理	Design Strategy & Management	2	英文 English	in 夏季 Summer	张立群	选修 Elective
	GE6009	人与建筑环境	Man and building environment	2	英文 English	in 春季 Spring	连之伟	选修 Elective

	GE6010	城市设计与规划管理	Urban Design and Planning Administration	2	英文 English	in	春季 Spring	王林	选修 Elective
	GE6011	建筑节能原理与技术	Building Energy Efficiency Theory and Technology	2	英文 English	in	秋季 Fall	兰丽	选修 Elective
	GE6012	建筑遗产保护基本理论	The Theory of Conservation of Architectural Heritages	2	英文 English	in	秋季 Fall	曹永康/ 杜骞	选修 Elective
	GE6013	中国古典园林分析	The Classical Chinese Garden Analysis	2	英文 English	in	秋季 Fall	陈丹	选修 Elective
	GE6014	空间叙事与体验	Spatial Narrative and Experience	2	英文 English	in	春季 Spring	陆邵明	选修 Elective