

课程详述

COURSE SPECIFICATION

以下课程信息可能根据实际授课需要或在课程检讨之后产生变动。如对课程有任何疑问，请联系授课教师。

The course information as follows may be subject to change, either during the session because of unforeseen circumstances, or following review of the course at the end of the session. Queries about the course should be directed to the course instructor.

1.	课程名称 Course Title	环境心理学与设计应用/ Environmental Psychology and Design Application
2.	授课院系 Originating Department	环境科学与工程学院 School of Environmental Science and Engineering
3.	课程编号 Course Code	ESE337
4.	课程学分 Credit Value	3
5.	课程类别 Course Type	专业选修课/Elective course
6.	授课学期 Semester	春季 Spring
7.	授课语言 Teaching Language	中英文 dual-language
8.	授课教师、所属学系、联系方式 (如属团队授课, 请列明其他授课教师) Instructor(s), Affiliation & Contact (For team teaching, please list all instructors)	王扬 / Yang Wang, 环境科学与工程学院 School of Environmental Science and Engineering wangyang@sustech.edu.cn
9.	实验员/助教、所属学系、联系方式 Tutor/TA(s), Contact	待公布 To be announced
10.	选课人数限额(可不填) Maximum Enrolment (Optional)	

11. 授课方式 Delivery Method	讲授 Lectures	习题/辅导/讨论 Tutorials	实验/实习 Lab/Practical	其它(请具体注明) Other (Please specify)	总学时 Total
学时数 Credit Hours	44			Fieldwork (4)	48
12. 先修课程、其它学习要求 Pre-requisites or Other Academic Requirements					
13. 后续课程、其它学习规划 Courses for which this course is a pre-requisite					
14. 其它要求修读本课程的学系 Cross-listing Dept.					

教学大纲及教学日历 SYLLABUS

15. 教学目标 Course Objectives

研究城市的学科，包括城市规划与设计，归根到底是为了人，需要深入了解人的需求，考察人和社会的关系，解构人与环境之间影响。环境心理学，从心理学和行为分析的角度，探讨人与城市环境的最优化关系，即，人们喜欢什么样的环境？譬如，城市居民是如何看待和记忆城市的？怎样才能提升城市的视觉质量和空间使用体验？城市是如何借由分享公共空间来促进人们之间的社会交往的？怎么才能既照顾到人的交往和公共活动的要求，又能照顾到人的私密性和独处的要求？教室应如何布置才有益于学习？办公室的大小、它的开放与封闭程度对工作效能有什么影响？人们所青睐的住房和社区有哪些特征？如何才能提升居民在社区和邻里中社会生活的品质？怎样的环境设计有助于减少犯罪？城市噪声的特征和声级如何危害人们心理健康？等等。在这门课程当中，我们将探讨 5 个专题及 7-8 个设计小专题：人与环境关系、环境与人的发展、都市压力环境与缓解、城市环境评估（环境感知、行为分析、使用评价）、基于环境心理学的城市环境设计（社区设计、广场设计、街道设计、公园设计、图书馆设计、办公场所设计、医疗场所设计等），以基于行为因素的设计思想与我们的城市环境建构良好的互动关系，帮助人们解决与环境之间的矛盾和问题。这门课程的教学方法很灵活，我们通过城市调研、行为实验、感知地图游戏等多种工作方法来探讨各个设计小专题。环境心理学本身就是社会性、城市规划学与心理学的交集，所以并不限制专业背景，欢迎各个专业的同学们一起来研究微观的城市！

How different types of environments effect people in their day to day lives, health and well-being? How people cognize environments and interpret them? How can we help people actively structure the space and surrounding environment in a way that more optimal to them? Especially in a dysfunctional environment, people tend to stuck in a reactive mode, how can we help them taking an active role in improving environment? How can we get people to behave in an ecologically positive manner, to protect environment, to go green? It is all about Environmental Psychology, it is a discipline that pays attention to the interaction and relationship between human and environment: on the one hand, it emphasizes how people are affected by the environment, on the other hand, it also pays attention to the impact and reactive and active responses of human to the environment. Environmental psychology is inherently interdisciplinary and here we emphasizes on translating various evaluation and design guidelines and principles based on environmental behavioral studies. In this course, we are together to build a good reciprocal interactive relation with our environment, to bring the environment closer to what we want; take one step further, to encourage everyone in class to link basic theories and research with real environmental problem-solving; and to create the optimization of human and environment.

16. 预达学习成果 Learning Outcomes

同学们会接触环境心理学的重要理论和概念，并学习如何将理论与研究方法运用于环境评估和环境设计项目的实际操作，以及解决与环境保护项目设计有关的问题的实践当中。大家会接触到的环境心理学的理论与方法论包括：

人-环境关系（环境决定论、社会生态学与生态系统学）
 环境与人的发展（象征性环境、环境符号学）
 压力环境与缓解（城市环境压力源、应激反应）
 城市环境评价（环境感知、行为分析、使用评价）
 基于行为因素的城市设计
 等等

Students in class are supposed to approach the following theories and concepts and learn how to apply them in Environmental Evaluation and Environmental Design and in Environmental Protection-related programs:

Human- Environment Relationship (Person – environment congruence , environmental determinism, Social ecology & eco-system)
 Environment & Human Development (Environmental symbolism, Placed-based & virtual setting)
 Impacts of Environmental stressors & restorative setting
 Environmental Evaluation (Cognitive mapping, behaviour study, customer feedback)
 Urban Design
 ...

17. 课程内容及教学日历（如授课语言以英文为主，则课程内容介绍可以用英文；如团队教学或模块教学，教学日历须注明主讲人）

Course Contents (in Parts/Chapters/Sections/Weeks. Please notify name of instructor for course section(s), if this is a team teaching or module course.)

	Content	Class Hours
Part I	介绍：环境心理学的主要理论 Introduction: basic theories in Environmental Psychology	4
Part II	环境与人的发展：环境与个性、健康和福祉 Environment & Human Development : Environmental symbolism, influences on personality, health and well-being	6
Part III	都市压力环境与环境缓解：失效环境、拥挤环境、噪声环境、高温环境等与缓解环境设计 Stress Environment & Restorative Setting: dysfunctional Environments, crowding environment, ambient temperature, noise environment	6
Part IV	城市环境评估：环境感知、行为分析、使用评价 Environmental Evaluation (Cognitive mapping, behaviour study, customer feedback)	6
	城市调研 Fieldwork	4
	基于行为因素的城市设计小专题： Topics of Design	

Part V	1: 城市广场设计 Square design & people's behaviour in public space	4
	2: 城市街道设计与街道生活 Streets design	2
	3: 社区设计 Community design	4
	4: 公园设计 Park design	2
	5: 图书馆设计 Library design: not only for reading	2
	6: 办公场所设计 Workplace design	2
	7: 医疗场所设计 Medical facilities design	2
Part VII	Final project 项目实践	4
Total		48

18. 教材及其它参考资料 Textbook and Supplementary Readings

<p>Textbook:</p> <p>Christopher Alexander. (1977). A Pattern Language: Towns, Buildings, Construction. Oxford University Press.</p> <p>Ray Oldenburg. (1999). The Great Good Place. Marlowe & Co.</p> <p>Oscar Newman. (1973). Defensible Space: People and Design in the Violent City. Architectural Press.</p> <p>Reading materials:</p> <p>Stokols, D., & Altman, I. (Eds.). (1987). Handbook of environmental psychology. New York: Wiley.</p> <p>Bechtel, R. B., & Churchman, A. (Eds.). (2002). Handbook of environmental psychology. New York: Wiley.</p> <p>TBD</p>

课程评估 ASSESSMENT

19. 评估形式 Type of Assessment	评估时间 Time	占考试总成绩百分比 % of final score	违纪处罚 Penalty	备注 Notes
出勤 Attendance		15		
课堂表现 Class Performance				
小测验 Quiz				
课程项目 Projects		40		
平时作业 Assignments				

期中考试 Mid-Term Test				
期末考试 Final Exam				
期末报告 Final Presentation		45		
其它（可根据需要 改写以上评估方式） Others (The above may be modified as necessary)				

20. 记分方式 GRADING SYSTEM

- A. 十三级等级制 Letter Grading
 B. 二级记分制（通过/不通过） Pass/Fail Grading

课程审批 REVIEW AND APPROVAL

21. 本课程设置已经过以下责任人/委员会审议通过
This Course has been approved by the following person or committee of authority

