

DS362 课程大纲

- 1、2023 春季学期 (2-7 页码)
- 2、2024 春季学期起 (8-12 页码)

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	面向环境的设计 Designing with Environments
2.	授课院系 Originating Department	创新创意设计学院 School of Design
3.	课程编号 Course Code	DS362
4.	课程学分 Credit Value	3
5.	课程类别 Course Type	专业选修课 Major Common Elective Course
6.	授课学期 Semester	春季 Spring
7.	授课语言 Teaching Language	英文 English
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)	Mirna Zordan Assistant Professor, School of Design mirna@dynamourbis.com

9.	实验员/助教、所属学系、联系方式 Tutor/TA(s), Contact	无 NA				
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	32		32		64
12.	先修课程、其它学习要求 Pre-requisites or Other Academic Requirements	无 N/A				
13.	后续课程、其它学习规划 Courses for which this course is a pre-requisite	无 N/A				
14.	其它要求修读本课程的学系 Cross-listing Dept.	无 N/A				

教学大纲及教学日历 SYLLABUS

15. 教学目标 Course Objectives

作为学生设计过程的一部分，本课程向学生介绍了通过环境进行思考的基本方面， 向学生介绍各种环境分析方法，重点是针对物理形状以及从环境观察中获得的数据的映射策略。 根据他们对给定环境的理解，学生将制定在各种媒体中应对这些环境的策略，并在设计方案中阐明这些策略。

技能：环境的映射和分析，制定不同的策略来改善环境

This course introduces students to fundamental aspects of thinking with and through environments as part of students' design processes. Students are introduced to a variety of environmental analysis methods, with a focus on mapping strategies addressing both physical shapes as well as data obtained from environmental observation. Based on their understanding of given environments, students will develop strategies for responding to these environments in a variety of media and articulate these in design proposals.

Skills: mapping and analysis of environments, developing diverse strategies to enhance environments

本课程有安排实地考察和与外部公司合作的可能性。届时课程内容和活动安排将会调整。

This course will include field trips and collaborations with external companies depending on availability. Lecture and activity schedules are indicative and may be adjusted.

16. 预达学习成果 Learning Outcomes

完成本课程后，学生将能够：

1. 展示各种环境观察和分析方法的知识
2. 可视和分析观测数据
3. 创造性地应用环境观察和分析方法
4. 批判性地思考响应给定环境的设计方案

Upon completing this course, students will be able to:

1. Demonstrate knowledge of a variety of environmental observation and analysis methods
2. Visualize and analyze observational data
3. Creatively apply environmental observation and analysis methods
4. Critically reflect on design proposals responding to given environments

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）

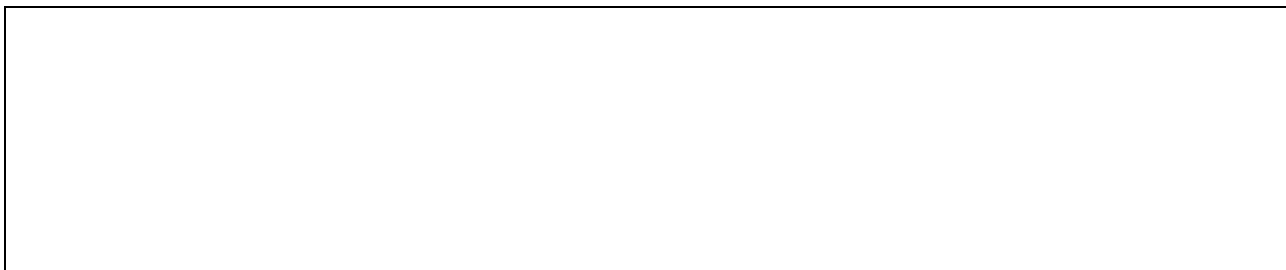
Course Contents (in Parts/Chapters/Sections/Weeks. Please notify name of instructor for course section(s), if this is a team teaching or module course.)

<u>Week</u>	<u>Content</u>
1	AM (4 hours) Course introduction. Understanding our environment: urban scale and human scale.
	PM (4 hours) Field trip to urban area/neighbourhood.
	AM (4 hours) Mapping as a spatial visualization of fundamental questions.
	PM (4 hours) Tutorials (in class/on site): mapping different scales, techniques, typologies.
2	AM (4 hours) Methods and tools to study the environment and behaviour. Human scale. Design strategies and guest lecture.

	<p>PM (4 hours) Tutorials (in class/on-site). Dimensions, mapping, sketching, perceptions. Application of methods.</p>
	<p>AM (4 hours) Design proposal and strategies review.</p> <p>PM (4 hours) Interim review with invited guests.</p>
3	<p>AM (4 hours) Design proposal and strategies, tutorials. Refinement of constraints and opportunities.</p> <p>PM (4 hours) Design proposal and strategies, tutorials.</p>
	<p>AM (4 hours) Design implementations, tutorials.</p> <p>PM (4 hours) Design implementations, tutorials.</p>
4	<p>AM (4 hours) Final review preparation, and tutorials.</p> <p>PM (4 hours) Final review preparation, tutorials.</p>
	<p>AM (4 hours) Final review preparation, tutorials.</p> <p>PM (4 hours) Final presentation.</p>

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

(1999) Meta City Data Town. MVRDV
(2001) The social life of small urban spaces, William H. White. Project for Public Spaces.
(2003) Life Between buildings. Jan Gehl. Danish Architectural Press
(2011) Cities Without Ground. Adam Frampton, Clara Wong, and Jonathan Solomon. ORO Editions.
(2013) How to study public life. Jan Gehl and Brigitte Svarre. Springer



课程评估 ASSESSMENT

19. 评估形式 Type Assessment	评估时间 of Time	占考试总成绩百分比 % of final score	违纪处罚 Penalty	备注 Notes
出勤 Attendance		10%		
课堂表现 Class Performance				
小测验 Quiz				
课程项目 Projects				
平时作业 Assignments		20%		
期中考试 Mid-Term Test				
期末考试 Final Exam				
期末报告 Final Presentation		70%		
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

Professor Tom Kvan
Dean, School of Design

课程详述

COURSE SPECIFICATION

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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.)

Week	Content
1	Lecture: Course introduction. Understanding environments. Mapping as visualization of constraints and opportunities. In class activity: documentary research.
2	Lecture. Dimensions, mapping, sketching, perceptions.
3	Environmental observations.
4	In class sharing: Environmental observations' evaluation, refinement of constraints and opportunities. Topic proposal.
5	Lecture: Data visualization and analysis.
6	Presentation and collective sharing: Data visualization, Design concept, proposal and strategies review.
7	Interim review.

8	Lecture: Design with environments and data-driven design.
9	Workshop: designing with environments and community engagement.
10	Lecture: Environment and cognition, an environmental psychology perspective.
11	Presentation and collective sharing, peers' feedback.
12	Tutorials: Design implementations
13	Tutorials: Design implementations.
14	Tutorials: Design implementations and final review preparation.
15	Final review.
16	Design evaluation and report.

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出勤 Attendance		10%		
课堂表现				

Class Performance				
小测验 Quiz				
课程项目 Projects				
平时作业 Assignments		50%		
期中考试 Mid-Term Test				
期末考试 Final Exam		20%		
期末报告 Final Presentation		10%		
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**

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