

## 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 <b>Course Title</b>	现代主义建筑与城市 Modern Architecture and Cities
2.	授课院系 <b>Originating Department</b>	社会科学中心 Center for Social Sciences
3.	课程编号 <b>Course Code</b>	SS063
4.	课程学分 <b>Credit Value</b>	2
5.	课程类别 <b>Course Type</b>	通识选修课程 General Education (GE) Elective Courses
6.	授课学期 <b>Semester</b>	秋季 Fall
7.	授课语言 <b>Teaching Language</b>	中英双语 English & Chinese
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) <b>Instructor(s), Affiliation &amp; Contact</b> (For team teaching, please list all instructors)	熊庠楠 XIONG Xiangnan 南方科技大学人文社科荣誉学会 Society of Fellows in the Liberal Arts, SUSTech <a href="mailto:xiongx@mail.sustech.edu.cn">xiongx@mail.sustech.edu.cn</a>
9.	实验员/助教、所属学系、联系方式 <b>Tutor/TA(s), Contact</b>	无 NA
10.	选课人数限额(可不填) <b>Maximum Enrolment (Optional)</b>	

11. 授课方式 Delivery Method	讲授	习题/辅导/讨论	实验/实习	其它(请具体注明)	总学时
	Lectures	Tutorials	Lab/Practical	Other (Please specify)	Total
学时数 Credit Hours	32				32
12. 先修课程、其它学习要求 Pre-requisites or Other Academic Requirements	无 NA				
13. 后续课程、其它学习规划 Courses for which this course is a pre-requisite	无 NA				
14. 其它要求修读本课程的学系 Cross-listing Dept.	无 NA				

### 教学大纲及教学日历 SYLLABUS

#### 15. 教学目标 Course Objectives

这门课程追溯并学习从 18 世纪中叶到当今的现代主义建筑和城市的发展。课程的核心目标是帮助学生们理解现代主义进程当中对建筑和城市所产生的影响。现代主义建筑是一个丰富并包罗万象的概念，它主要包括了在 19 到 20 世纪所产生的多种流派的建筑和城市设计的思想。本课程将学习现代主义建筑中的主要流派，并讨论每一流派的思想基础和各自的文化和社会诉求。尽管这门课程讨论的对象主要集中在欧美国家的建筑和城市发展，我们也将讨论亚洲和拉美的主要建筑成果。每次课我们都将学习几个重要的建筑/城市的案例并分析它们是如何反映了当时的建筑师共同关注的问题，以及他们提出的解决方案。这些案例也会激发更广泛的话题的讨论，例如现代主义进程中对新的社会的构想，变化的商业结构对建筑的影响，新的宣传方式对建筑思想的传播的影响，建筑表现方式的变迁等等。

This course studies the evolution of architecture and cities from the late eighteenth century to the present to obtain an understanding of how the built world responded to various problems in the process of modernization. Modernist Architecture is an inclusive concept, and it consists primarily of architectural and urban design ideas of various streams in from the nineteenth to the twentieth century. Although we mainly focus on buildings and cities in Europe and North America, we will also discuss important sites in Asia and Latin America. This course investigates how various threads of modern architecture developed their ideologies and practice to address the specific cultural, social and political problems of their time. Lectures will focus on case studies of significant sites and how they responded to shared concerns among contemporary architects. They will trigger discussions of broader issues, such as the new visions of society, changing business structures, new mechanism of publicity, architectural representation, and etc.

#### 16. 预达学习成果 Learning Outcomes

经过这门课程的学习，学生将获得以下知识和文化修养：

- 理解现代主义运动对建造世界的深远影响。
- 理解建筑 and 现代性的关系。
- 多角度地理解建筑发展（从材料、文化、用途、技术、形式追求等方面）。
- 发展视觉记忆能力和对形式的联想能力。
- 领会现代主义建筑的多种流派的理念、目标和手法。

This course will train students in the following aspects:

- Understand the profound impact the modern movement had on the built world.
- Understand architecture's relationship to modernity.
- Understand architecture from various dimensions, including materials, culture, purposes, technology, formal pursuit, etc.
- Foster visual memory and their ability of formal association.
- Grasp the primary ideas, goals and approaches of the various steams of modern movement in architecture and cities.

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.)**

本课程每节 2 学时，共计 32 学时

1. **Sense and Sensibility in Architecture and Landscape/理智与情感：18 世纪的建筑和景观 (2-credit hours)**
  - Introduce the aesthetic ideals of “beauty,” “sublime”, and “picturesque”. (*A Philosophical Enquiry into the Sublime and Beautiful* (1757) by Edmund Burke)
  - Examine important sites that reflect the three aesthetic ideals, such as cenotaph for Newton, Panthéon, Sainte-Geneviève library, etc.
  - Recommended reading: Peter Collins, “The Influence of the Picturesque,” in *Changing Ideals in Modern Architecture 1750-1950*, (London: Faber & Faber, 1965), 42-58.
2. **Neo-Classicism: An Adaption vs Gothic Revival: A Source of New Architectural Values /新古典主义：以旧迎新 vs 哥特复兴：现代建筑价值观的起源(2-credit hours)**
  - Analyze the architectural values and ideas embodied in Neo-Classicism and Gothic Revival
  - Examine important sites that reflect the three aesthetic ideals.
  - Recommended reading: Julius Posener, “Schinkel’s English Diary,” *From Schinkel to the Bauhaus: Five Lectures on the Growth of Modern German Architecture* (London: Architectural Association, 1972), 10-15.
3. **Arts and Crafts movement in the United Kingdom and United States/工艺美术运动在英美(2-credit hours)**
  - Introduce the social and cultural background of the arts and crafts movement.
  - Analyze key texts by William Morris and John Ruskin.
  - Examine key architectural and design examples of Arts and Crafts.
4. **Urban Modernity I: Towards a Metropolis/城市现代性 I:走向大都会(2-credit hours)**
  - Introduce the social and cultural background of the urban transformation in fin-de-siècle Europe.
  - Examine important urban reform projects (Barcelona, Vienna, Paris, etc).
  - Recommended reading: Otto Wagner, “The Development of a Great City,” (1911) reprinted in *Oppositions* 17 (Summer, 1979): 102-116.
5. **Urban Modernity II: Theory and Practice/城市现代性 II: 理论和实践(2-credit hours)**
  - Introduce the social and cultural background of urban problems.
  - Analyze and compare two leading planning theories: “Garden Cities” by Ebenezer Howard and “planning according to artistic principles” by Camillo Sitte.
  - Examine key sites that responded to the two theories respectively.
6. **Constructing National Identity in Architecture/在建筑中塑造国家风格(2-credit hours)**
  - Introduce the social and cultural background of national romanticism.
  - Examine key sites that revoked national past and memories.
  - Recommended readings: Barbara Miller Lane, “Introduction: National Romanticism,” *National Romanticism and Modern Architecture in Germany and the Scandinavian Countries* (Cambridge University Press, 2000) 1-16.
7. **Art Nouveau, Jugendstil and the problem of Ornament/新艺术运动，德式青年风格和关于装饰的论战（2-credit hour)**
  - Introduce the technical and cultural background of Art Nouveau and Jugendstil.
  - Discuss the distinct formal and ornamental language developed in this movement through key examples. (Hotel Tassel, Majolica House, Secession Building, Stoclet Palace, etc )

- Analyze Adolf Loos's critique on ornament.
- 8. Confronting the Machine Age: The Futurist and the Deutscher Werkbund/应对机器时代：未来主义和德意志制造联盟 (2-credit hour)**
- Introduce the contemporary discourses on technology and humanity.
  - Analyze the key texts of futurist manifesto and Deutscher Werkbund.
  - Examine designs and projects produced by Futurist and the Werkbund.
- 9. Bauhaus and German Architecture After the First World War: Expressionists vs Rationalists/包豪斯和一战后的德国建筑：表现主义对抗理性主义 (2-credit hour)**
- Introduce the economic and cultural background of Germany after WWI.
  - Analyze the ideals and approaches of Expressionists and rationalists.
  - Recommended reading: Bruno Taut, "the City Crown," translated by Ulrike Altenmüller and Matthew Mindrup, *Journal of Architectural Education* (2009), 121-134.
- 10. Space, Function and Construction: De Stijl and the Soviet Avant-Garde/空间，功能，和建造：风格派和苏联艺术先锋(2-credit hour)**
- Introduce the cultural and artistic pursuit of De Stijl and Constructivist.
  - Analyze De Stijl and Constructivist's manifesto.
  - Discuss the distinct formal and ornamental language of De Stijl and Soviet Avant- Garde through key examples.
- 11. Towards a New Architecture: Le Corbusier and Mies van der Rohe/走向新建筑：柯布西耶和密斯·凡德罗(2-credit hour)**
- Help students understand the groundbreaking contributions Le Corbusier and Mies van der Rohe made to the built environment.
  - Compare and contrast key building examples by the two masters.
  - Analyze the visions and theories embodied in their works.
- 12. All Living Together: Communal Housing in Europe/共同居住：欧洲的公共住房(2-credit hour)**
- Explain the severe and urgent housing problem in after-war Europe.
  - Examine key sites of the Weissenhofsiedlung, Onkel-Toms-Hütte, Siemensstadt Housing Estate, New Frankfurt Project, etc.
  - Recommended reading: Hilde Heynen, "Constructing the Modern Movement," in *Architecture and Modernity: a Critique* (Cambridge: MIT Press, 1999), 43-70.
- 13. The Exhibition of International Style and the Impact of European Modernism/纽约国际主义建筑风格展和欧洲现代主义的推广(2-credit hour)**
- Discuss the trajectory modernist architecture spread to the United States.
  - Examine the modernist figures promoted in the exhibition and their works.
  - Recommended reading: Henry-Russell Hitchcock and Philip Johnson, *The International Style*, (Norton, 1966), 11-39.
- 14. United States after the war: Corporate Modernism and Domestic Modernism/战后美国：公司现代性和居住现代性(2-credit hour)**
- Introduce the economic and cultural background for modernist architecture in the United States in the 1940-1960.
  - Examine key building works produced by large architectural firms.
  - Examine influential examples of case study houses.
- 15. Modernism in the Far East/东亚的现代主义建筑(2-credit hour)**

- Introduce post-war Japanese architectural Movement of Metabolism(新陈代谢派).
- Examine key urban projects of ocean city and space city (megastructure urban project).
- Examine key building projects of Nakagin Capsule Tower and Shizuoka Press and Broadcasting Tower.

**16. Critique of Modernism: Team X, New Historicism, and Deconstructivism/对现代主义的批判 I: 10 人组, 新历史主义和解构主义建筑(2-credit hour)**

- Introduce a shared trend of shifting away from core ideologies of modernism.
- Examine key building works of New Historicism and Deconstructivism.
- Analyze the key features and major categories of post-modern architecture in the key text of "Post-Modern Architecture (1977)" by Charles Jencks.
- Recommended reading: Robert Venturi, *Complexity and Contradiction in Architecture* (New York: Museum of Modern Art, 1966), 22-45.

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

**References/参考资料:**

Bergdoll, Barry. *European Architecture: 1750-1890*. Oxford: Oxford University Press, 2000.

Curtis, William J. *Modern Architecture Since 1900*, 3<sup>rd</sup> edition. London: Phaidon, 1996. (有中译本)

Harrison-Moore, Abigail& Dorothy Rowe. *Architecture & Design in Europe and America, 1740-2000*, Oxford: Blackwell, 2006.

Robert Venturi, *Complexity and Contradiction in Architecture*. New York: Museum of Modern Art, 1966. (有中译本)

**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				More than 3 absences will affect grade
课堂表现 Class Performance				
小测验 Quiz		60%		Three quizzes (each 20%)
课程项目 Projects				
平时作业 Assignments		40%		Two 1000 words reader responses (each 20%)
期中考试 Mid-Term Test				
期末考试 Final Exam				
期末报告 Final Presentation				
其它(可根据需要 改写以上评估方式) Others (The above may be				

modified as  
necessary)

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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**

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