

Data Sheet of International Graduate's Course CAUP, Tongji

同济大学建筑与城市规划学院研究生国际课程(英语)登记表

Course Code 课程编号		Department 所在系(√)	A	P	L	D	院登记号 CAUP Code
Instructor(Title) 主讲教师(职称)	Prof. LIU Binyi 刘滨谊 教授	Other Teachers 合作教师	邵钰涵 助理教授				
课程中文名	人类聚居环境学						
Course Name (E)	Environmental Science for Human Settlements						
Form of Teaching 教学形式 (√)	Lectures 讲课	Design Studio 设计课	Seminar 研讨课		Internship 实践课	Others 其他	
	√		√				
Total Hours 总学时数	34	Hours per Week 周课时	2		Weeks 教学周数	17	
Semester 春季或秋季学期	Fall 秋季	Tongji Credits 同济学分数	2				

Brief Course Description 课程简述 (中英文)

本课程在规划尺度下开展，旨在了解景观的功能和特征，以及景观设计师如何通过景观规划在大尺度上影响景观的变化。本课程的目标是使学生了解和掌握景观分析的理论方法和实践，学会独立思考，解决自己的问题。在此基础上，培养学生发现和分析景观领域的一两个理论或技术。

本课程的目标是，引入景观和环境规划作为大规模干预景观的手段，理解景观形成、变化和变化驱动因素，向学生介绍景观分析工具，介绍景观特征评价的理论和技巧，培养报告写作技巧和视觉素养。培养学生的解读能力，知道什么影响了景观的塑造及其过程，搜集景观信息并解读，欣赏景观变化的本质(有时是有争议的)，解读景观特征以及掌握入门级的景观性格评价，以批判性、富有想象力和创造性的方式，在规划尺度上交流和分析景观数据。

本课程将通过讲座、工作坊和现场调研的方式进行。学生将通过现场调研、相关地图和GIS的“案头研究”以及阅读文本收集有关研究网站及其背景信息。课程讲座会提供有关课题的指导，以及数据收集、分析和引用的技术，学生自主学习，并通过绘图、照片和笔记记录自己的发现。

This project operates at the planning scale, and is concerned with gaining an understanding of the functioning and character of landscapes, and how landscape architects can influence landscape change at the large scale through landscape planning. The goal of this course is to enable students to understand and master the theories, methodology and practice of landscape analysis. Students should think independently and solve their problems. On this basis, students should be trained to find, solve and solve one or two theoretical or technical problems in the field of landscape analysis.

Aims of the Module:

- Introduce landscape and environmental planning as a means of intervening in landscape at the large scale
- Provide an understanding of landscape formation, change and the drivers of change

- Introduce students to Landscape Analysis Tools
- Introduce the theory and technique of Landscape Character Assessment
- Develop report writing skills and visual literacy

By the end of this module you will be able to demonstrate an understanding of:

- The influences and processes that shape landscape;
- Sourcing and interpreting landscape information;
- Appreciating the (sometimes controversial) nature of landscape change;
- Landscape Character and Landscape Character Assessment at an introductory level;
- Communicating landscape data and analysis at a planning scale in a critical, imaginative and creative manner;

Learning and Teaching Strategy and Programme:

The module will be delivered by means of a combination of lectures, workshops and site visits. You will gather information about the study site and its context from site visits, 'desk study' of the relevant maps and GIS, and reading texts. Whilst you may use some good quality internet sources you are encouraged to rely primarily on the other sources of information listed above. Guidance about the relevant topics, and techniques for data-collection, analysis and referencing will be given in lectures and workshops but it is also on you to carry out your own research and to record your findings by means of drawings, photographs and notes.

Brief Schedule and Topics 课程进度简表 (中英文)

第一周 介绍

第二周 问题的识别: 基本问题

第三周 问题的识别: 发展问题

第四周 问题的识别: 趋势问题

第五周 景观规划的工具

第六周 景观设计的工具

第七周 景观性格评价

第八至十周 景观性格评价 (指导实践)

第十一周 景观性格评价: 如何判断

第十二至十四周 景观性格评价: 如何判断 (指导实践)

第十五周 课堂讨论

第十六周 课堂讨论

第十七周 课程评价

Week1: Introduction

Week2: Identification of Problems-Basic Problems

Week3: Identification of Problems-Expansion Problems

Week4: Identification of Problems-Trend Problems

Week5: Tools for Landscape Planning

Week6: Tools for Landscape Design

Week7: Landscape Character Assessment-Characterisation

Week8-10: LCA - Characterisation Tutorial

Week11: Landscape Character Assessment-Making Judgements

Week12-14: LCA - Making Judgements Tutorial

Week15-16: Seminar *

Week17: Course work commenting

Course Syllabus 课程大纲 (中英文)

第一周 介绍

相关定义
教学目的
评定方法
推荐的文献

第二周 问题的识别：基本问题

荒野
城市
小镇

第三周 问题的识别：发展问题

大型城市
中型城市
小城市

第四周 问题的识别：趋势问题

大都市
都市带
市区

第五周 景观规划的工具

战略环境评价
环境影响评估
景观性格评价
景观及视觉影响评估

第六周 景观设计的工具

城市形象
行为映射
Experiential 景观
视觉评估

第七周 景观性格评价

定义范围
案头研究
现场调研
分类

第八至十周 景观性格评价 (指导实践)

第十一周 景观性格评价：如何判断

方法选择
做出判断

第十二至十四周 景观性格评价：如何判断 (指导实践)

第十五周 课堂讨论

第十六周 课堂讨论

第十七周 课程评价

Week1: Introduction

Related definition

Teaching purposes

Assessment mode

Recommended literature

Week2: Identification of Problems-Basic Problems

Wilderness

Country

Small town

Week3: Identification of Problems-Expansion Problems

Small cities

Medium cities

Large cities

Week4: Identification of Problems-Trend Problems

Metropolis

Urban belt

Metropolitan area

Week5: Tools for Landscape Planning

Strategic Environmental Assessment

Environmental Impact Assessment

Landscape Character Assessment

Landscape and Visual Impact Assessment

Week6: Tools for Landscape Design

City Image

Behavioral Mapping

Experiential Landscape

Visual Assessment

Week7: Landscape Character Assessment-Characterisation

Define the scope

Desk study

Field work

Classification

Week8-10: LCA - Characterisation Tutorial

Week11: Landscape Character Assessment-Making Judgements

Deciding on the approach

Making Judgements

Week12-14: LCA - Making Judgements Tutorial

Week15-16: Seminar *

Week17: Course work commenting

Note: with "*" for the Maneuvering content.

Main Reference Books 主要参考书目

吴良镛, 人居环境科学导论

刘滨谊, 现代景观规划设计(第3版)

刘滨谊, 人居环境研究方法论与应用

McHarg I. L., 1995, Design with Nature, Wiley;

Jellicoe G. A. & Jellicoe S., 1995, The Landscape of Man, Thames & Hudson;

Al Gore A., 1992, *Earth in the Balance: Ecology and the Human Spirit*, Houghton Mifflin;

Swanwick, Carys, (2004) "The assessment of countryside and landscape character in England: an overview" in Bishop, K. & Phillips, A. (eds), *Countryside planning: New approaches to management and conservation* pp.109-124, London, Earthscan;

Selman, Paul H., (2006) "Why the landscape scale?" in Selman, Paul H., *Planning at the landscape scale* pp.24-50, 185, London, Routledge;

Countryside planning: new approaches to management and conservation Bishop, Kevin, 1966-; Phillips, Adrian Earthscan, 2004;

Selman, P. & Swanwick, C., On the meaning of natural beauty in landscape legislation in *Landscape research*. Volume 35 Issue 1 (2010) Carfax Publishing/Taylor and Francis Group Pages 3 – 26.