

Course Introduction (课程简介)

Course Name (名称): Research Methodologies for Urban Studies (城市研究方法)

Form of Teaching (教学形式): Lectures (讲课)

Total Hours (总学时数): 18

Hours per Week (周课时): 2

Weeks (教学周数): 9

Semester (春季或秋季学期): Fall (秋季)

Tongji Credits (同济学分数): 1

Brief Course Description (课程简述)

The course is composed of 8 lectures covering basic methodologies (qualitative and quantitative) and various urban issues (social, economic and ecological). The last lecture is led by students' reviews of research works.

城市研究的方法由 8 讲组成，各涉及城市研究的基本方法（定性、定量）和城市研究的不同方向（社会、经济、生态等）。第 9 讲由学生根据所学习的方法分析研究案例。

Tentative Course Syllabus (暂定课程大纲)

- 1) Research methodology for urban studies
- 2) How to write a good dissertation for the DMD program of urban planning?
- 3) The practical skills on thesis writing: Title, research question and assumption
- 4) Case study as a research method in the urban context of China
- 5) Integrating sociological analysis into spatial analysis
- 6) Advanced spatial reasoning
- 7) Quantifying health impacts of urban nature: Observational and experimental approaches
- 8) Planning from the perspective of choice behavior
- 9) Critique of research proposals