CDE2502 Cities for All

(AY24/25 Semester 2)

Introduction

With the world rapidly urbanising, how will our cities ensure a high quality of life to make cities 'liveable'? What are the contributing factors to a high quality of life? This course examines the importance of urban systems such as housing, transportation, healthy and sustainable environment, social, community and other services and how they work together in contributing to a high quality of life. What part does heritage and culture play in engendering a sense of community and how does a city address issues surrounding health and ageing? How does a city provide accessibility to these facilities and services.

Students will delve deeper into the Quality-of-Life outcome of the Liveability Framework (LF) developed by the Centre for Liveable Cities (CLC) within Singapore. They will get the opportunity to hear from practitioners and academics to understand the social processes that underpin the concept of a high quality of life and investigate the various manners in which these ideas manifest within a city.

Students will examine how the urban systems interact and reinforce each other to deliver a high quality of life. They will also explore the solutions in the form of hardware (or infrastructure), software (or policies) and heartware (or programmes) that can be employed to solve urban issues or improve the quality of life, and the trade-offs of such solutions.

Course Learning Objectives

By the end of the course, students should be able to:

- Understand and analyse the elements that characterise and contribute to creating a high quality of life within cities.
- Apply liveability principles to develop proposals for liveable, sustainable, and resilient districts.
- Appreciate the complexity of cities and how urban systems work together to deliver liveable cities, as well as the trade-offs that any solution may generate. Students will appreciate how different cities address the issues of quality of life.

Course Leaders

Prof. Fong Chun Wah, Practice Professor, NUS Cities, College of Design and Engineering (CDE), NUS; Director (Education), NUS Cities; Former Advisor, HDB; Former Deputy Chief Executive Officer (Building), HDB

Prof. Mohinder Singh, Adjunct Professor, NUS Cities, College of Design and Engineering (CDE), NUS; Former Director of Planning, Land Transport Authority (LTA)

Teaching Assistant

Ms. Joyce Lim, Associate (Teaching Assistant), NUS Cities (joyce.lim@nus.edu.sg)

Course Schedule

Lecture Venue: SDE3-LT423 | **Studio Venue:** SDE3 Barrel Room

Time: 9:00 am – 12:00 pm every Tuesday

Date	Schedule
Week 1 14 Jan	**Lecture 1** Introduction; Planning for High Quality of Life
Week 2 21 Jan	**Lecture 2** Urban Planning Systems with Special Guest Lecture
Week 3 28 Jan	**Lecture 3** Healthy and Sustainable Environment
Week 4 4 Feb	**Studio 1**
Week 5 11 Feb	**Lecture 4** Housing
Week 6 18 Feb	**Lecture 5** Transport and Accessibility
Recess Week	
Week 7 4 Mar	**Studio 2**
Week 8 11 Mar	**Studio 3** Interim Presentation
Week 9 18 Mar	**Lecture 6** Heritage, Culture, and Sense of Belonging
Week 10 25 Mar	**Lecture 7** Health and Aging
Week 11 1 Apr	**Studio 4**
Week 12 8 Apr	**Studio 5**
Week 13 15 Apr	**Studio 6** Final Presentation

Course Assessment

Students will be continuously assessed in this course through the following assessment components:

Assessment Component	Assessment Description	Weightage
Attendance, participation, and engagement	**Attendance (10%)** ○ Attendance for all seminars and studios is compulsory. **Participation and Engagement (10%)** ○ Active participation and engagement in seminar and studio discussions (5%) ○ Peer review (5%)	20%
Individual Reflection Papers	○ Equally weighted – 10% each	20%
Studio Project	**Individual** ○ Presentation during studios ○ Based on presentation skills	20%
	Team ○ Interim and final presentation (15% and 25% respectively) ○ Based on meeting deliverables set for each presentation	40%