

**TIMETABLE ARRANGEMENT:** Annual; 2nd Semester**CREDITS:** 6**COURSE TEACHER:** Professor Becky P.Y. LOO**ASSESSMENT:**

EXAMINATION 60 %	COURSEWORK 40 %
• 2 hours	• Two individual weekly reflections

**OBJECTIVES:**

To provide students with an advanced understanding of the nature of urban transportation issues in the context of public health, social equity and spatial trends in metropolitan settings.

**COURSE SYNOPSIS:**

This course focuses on urban transportation in the context of public health, social equity and spatial trends in metropolitan settings. It explores a wide range of issues related to public health and transportation: the dimensions of climate change and transportation in cities; how transportation is a social determinant of health and how transportation policy contributes to social equity; the relationships between infectious diseases, such as COVID-19, and mobility including travel modes and restrictions; the relationships between health and active travel; how ageing and demographic changes are related to transportation; and finally, road safety and Vision Zero policies.

**LECTURE TOPICS:**

- Infectious diseases and mobility
- Transport decarbonization and electric mobility
- Social equity
- Active transport, health and well-being
- Sustainable transport for the ageing population
- Improving road safety from a holistic perspective

**RECOMMENDED READING LIST:**

- G. Giuliano, Genevieve and Hanson, S. (2017). The Geography of Urban Transportation, 4th edition. New York: Guilford Press.
- B.P.Y. Loo (2019). Unsustainable Transport and Transition in China. New York: Routledge.

Course Learning Outcomes (CLOs) After completing this course, students would be able to:		Alignment with Programme Learning Outcomes (PLOs) <sup>*</sup>						Course Assessment Methods
		1	2	3	4	5	6	
1	describe some strategies of how urban areas are preparing transportation systems to endure climate change	✓				✓		Weekly reflections & exam
2	identify key indicators of social equity in transportation, data to assess, and strategies to reduce inequities	✓		✓		✓		Weekly reflections & exam
3	integrate knowledge about infectious diseases and strategies to reduce transmission through transportation policy	✓	✓		✓			Weekly reflections & exam
4	promoting health and wellness through mobility strategies		✓			✓	✓	Weekly reflections & exam
5	use sustainable transport concepts to identify policy options to address issues with an ageing population				✓	✓	✓	Weekly reflections & exam
6	identify strategies to improve road safety for all users	✓		✓	✓	✓		Weekly reflections & exam

### **\*Geography Major Programme Learning Outcomes (PLOs)**

In order to meet the demands and challenges in this dynamic and ever-changing world, the Department has designed a series of well-structured and contemporary courses to cater to the different interests of students. Its courses are designed to align with the University's educational aims which hope to nurture future generations not only with a critical and intellectual mindset, but also with a passion to contribute to society in general.

After completing the programme, Geography Major students should be able to:

**PLO1** critically analyse the geographical aspects of the relationship between people and the natural environment;

**PLO2** demonstrate and develop an understanding of how these relationships have changed with space and over time;

**PLO3** identify, collect and utilize primary and secondary data to investigate and analyse the issues and problems facing people, places and society;

**PLO4** integrate, evaluate and communicate information from a variety of geographical and other sources;

**PLO5** participate in promoting social, economic and environmental sustainability at the local, regional and global scales; and

**PLO6** effectively apply a range of transferable skills in academic, professional and social settings.