

## THE EDUCATION UNIVERSITY OF HONG KONG

### Course Outline

#### Part I

<b>Programme Title</b>	: Bachelor of Education (Honours) (Geography) (Five year Full-time)
<b>Programme QF Level</b>	: 5
<b>Course Title</b>	: Urbanization and Transportation: Theory and Policy
<b>Course Code</b>	: GGP4011
<b>Department</b>	: Social Sciences and Policy Studies
<b>Credit Points</b>	: 3
<b>Contact Hours</b>	: 39
<b>Pre-requisite(s)</b>	: NIL
<b>Medium of Instruction</b>	: English
<b>Course Level</b>	: 4

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#### Part II

The University's Graduate Attributes and seven Generic Intended Learning Outcomes (GILOs) represent the attributes of ideal EdUHK graduates and their expected qualities respectively. Learning outcomes work coherently at the University (GILOs), programme (Programme Intended Learning Outcomes) and course (Course Intended Learning Outcomes) levels to achieve the goal of nurturing students with important graduate attributes.

In gist, the Graduate Attributes for Sub-degree, Undergraduate, Taught Postgraduate, Professional Doctorate and Research Postgraduate students consist of the following three domains (i.e. in short "PEER & I"):

- Professional Excellence;
- Ethical Responsibility; &
- Innovation.

The descriptors under these three domains are different for the three groups of students in order to reflect the respective level of Graduate Attributes.

The seven GILOs are:

1. Problem Solving Skills
2. Critical Thinking Skills
3. Creative Thinking Skills
- 4a. Oral Communication Skills
- 4b. Written Communication Skills
5. Social Interaction Skills
6. Ethical Decision Making
7. Global Perspectives

## 1. Synopsis

This course aims to provide students with geographical knowledge of the principles, processes, functions and patterns of urban and transport systems. The course will cover essential geographical concepts, including urban growth and urbanization, city internal structure, sustainable cities, accessibility and mobility as well as transport system and infrastructure. Local and overseas case studies of policies addressing problems and conflicts such as urban expansion and encroachment, housing shortage, urban pollution, traffic congestion, automobile dependency and other travel-induced impacts are incorporated to illustrate real world practices. Students should be able to evaluate current practices independently and propose new ideas on improved planning.

## 2. Course Intended Learning Outcomes (CILOs)

*Upon completion of this course, students will be able to:*

- CILO<sub>1</sub>: demonstrate a high level of competence in knowledge on concepts and theories that geographers used to explain the interactions between land and people in urban and transport systems;
- CILO<sub>2</sub>: identify and critically analyze the forms and functions of city and transportation system as well as their impacts on urban life and environment;
- CILO<sub>3</sub>: recognize an awareness of the interdependency between urban processes and transportation movement;
- CILO<sub>4</sub>: develop the ability to propose better planning to remedy contemporary urban and transport problems in Hong Kong and other places.

## 3. Content, CILOs and Teaching & Learning Activities

Course Content	CILOs	Suggested Teaching & Learning Activities
1. Urbanization: Theory and Policy - The economic landscapes of the city - The social landscapes of the city	CILO <sub>1,2,4</sub>	<ul style="list-style-type: none"><li>• Lecture</li><li>• Reading inquiry</li><li>• Presentation and discussion</li><li>• Web and library search</li></ul>
2. Transportation: Theory and Policy - Urban transportation systems - Transportation and land use - Logistics and freight distribution	CILO <sub>1,2,4</sub>	<ul style="list-style-type: none"><li>• Lecture</li><li>• Reading inquiry</li><li>• Presentation and discussion</li><li>• Web and library search</li></ul>
3. Synergies of urban and transport development - Urban mobility debate - Urban sprawl, smart growth	CILO <sub>3,4</sub>	<ul style="list-style-type: none"><li>• Lecture</li><li>• Reading inquiry</li><li>• Presentation and discussion</li></ul>

<p>and compact city debate</p> <ul style="list-style-type: none"> <li>- Regional development and integration</li> <li>- Planning of sustainable cities</li> </ul>		<ul style="list-style-type: none"> <li>• Web and library search</li> <li>• Video-analysis</li> <li>• Debate</li> </ul>
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#### 4. Assessment

Assessment Tasks	Weighting (%)	CILO
(a) Participation and discussion Students are required to be actively involved in class discussions, debates, presentations, preparing reading / textual inquiry before and during classes.	30%	CILO <sub>1, 2, 3,4</sub>
(b) Student group project Each group of students will be required to complete a group research and make a presentation on the following topic: How do you think a selected urban / transportation concept or theory applies in describing what happening in an urban area?	30%	CILO <sub>1, 2, 3,4</sub>
(c) Individual case study report Students are required to produce a case study report to illustrate one urban / transportation problem in a selected city or region, analyze the existing strategies to deal with the problem and evaluate the effectiveness of such strategies.	40%	CILO <sub>1, 2, 3,4</sub>

#### 5. Required Text(s)

Kaplan, D.H., Holloway, S.R. & Wheeler, J. O. (2014). *Urban Geography* (3<sup>rd</sup> edition). Hoboken, NJ: Wiley.

Hanson, S. & Giuliano, G. (2017). *The Geography of Urban Transportation* (4<sup>th</sup> edition). New York: Guilford Press.

#### 6. Recommended Readings

Burton, E., Jenks, M. & Williams, K. (2000). *Achieving Sustainable Urban Form*. London; New York: E & FN Spon.

Cervero, R. (1998). *The Transit Metropolis: A Global Inquiry*. Washington, DC: Island Press.

Hall, P. & Tewdwr-Jones, M. (2011). *Urban and Regional Planning*. New York: Routledge.

Hall, T. & Barrett, H. (2017). *Urban Geography* (5<sup>th</sup> edition). New York: Routledge.

- Jacobs, J. (2011). *The Death and Life of Great American Cities*. New York: Modern Library.
- Legates, R. & Stout, F. (eds.) (2007). *The City Reader*. New York: Routledge.
- Newman, P. & Kenworthy, J. (1999). *Sustainability in Cities: Overcoming Automobile Dependence*. Washington, D.C.: Island Press.
- Pacione, M. (2009). *Urban Geography: A Global Perspective*. London; New York: Routledge.
- Rodrigue, J.-P., Comtois, C. & Slack, B. (2017). *The Geography of Transport Systems* (4<sup>th</sup> edition). Abingdon, Oxon: Routledge. (<https://transportgeography.org/>)
- Schiller, P. L., Bruun, E. C., & Kenworthy, J. R. (2010). *An introduction to sustainable transportation: policy, planning and implementation*. London; Washington: Earthscan.
- Soule, D. (ed.) (2006). *Urban Sprawl: A Comprehensive Reference Guide*. Westport, CT: Greenwood Publishing.
- Suzuki, H., Cervero, R. and Iuchi, K. (2013). *Transforming Cities with Transit Transit and Land-use Integration for Sustainable Urban Development*. Urban Development Series. Washington, D.C.: World Bank, 2013.
- Wheeler, S.M. & Beatley, T. (eds.) (2004). *The Sustainable Urban Development Reader*. New York: Routledge.
- Williams, K., Burton, E. & Jenks, M. (1996). *The Compact City: A Sustainable Urban Form?* London: E & FN Spon.

## 7. Related Web Resources

This Big City:

<http://thisbigcity.net/>

Sustainable Urban Transport Project:

<http://www.sutp.org/>

Urban Development, The World Bank:

<http://www.worldbank.org/en/topic/urbandevelopment>

Victoria Transport Planning Institute:

<http://www.vtppi.org/>

## 8. Related Journals

*Cities*. Elsevier.

*Environment and Planning A, B, C and D*. Pion.

*Habitat International*. Elsevier.

*International Journal of Sustainable Transportation*. Taylor & Francis.

*International Journal of Urban and Regional Research*. Wiley.

*Journal of Housing and the Built Environment*. Springer.

*Journal of Transport Geography*. Elsevier.

*Land Use Policy*. Elsevier.

*Landscape and Urban Planning*. Elsevier.

*Progress in Planning*. Elsevier.

*Transport Policy*. Elsevier.

*Transport Reviews*. Taylor & Francis.

*Transportation Research. Part A, Policy and Practice*. Elsevier.

*Transportation Research. Part D, Transport and Environment*. Elsevier.

*Travel Behaviour and Society*. Elsevier.  
*Urban Studies*. Sage Publication.

#### **9. Academic Honesty**

The University upholds the principles of honesty in all areas of academic work. We expect our students to carry out all academic activities honestly and in good faith. Please refer to the *Policy on Academic Honesty, Responsibility and Integrity* (<https://www.eduhk.hk/re/uploads/docs/00000000016336798924548BbN5>). Students should familiarize themselves with the Policy.

#### **10. Others**

Newspaper articles, magazines and other on-line videos on relevant current issues will be used wherever and whenever necessary and feasible.

*Updated December 2023*