

SEMESTER AT SEA COURSE SYLLABUS

Discipline: Economics

Fall 2008

ECON 322Z: Urban Environmental Economics

Upper Division

Faculty Name: Veronica Cadac Warnock

Pre-requisites: Principles of Economics (Introductory Microeconomics and Introductory Macroeconomics)

COURSE DESCRIPTION AND OBJECTIVES

The year 2008 marks a turning point in the history of the world; more than half of its population now live in urban areas. Over the next fifteen years, today's developing countries are expected to become less rural and have sizeable metropolitan areas. While cities are regarded as centers of innovation, learning and production, they are also home to socioeconomic and environmental problems. The transformation taking place all over the world requires effective planning and management to bring about positive outcomes for all urban dwellers. This course aims to enhance students' understanding of the economic approach as a means to study urban issues and to inform and evaluate public policy, to deepen their knowledge of the economic underpinnings of the sustainability principle, and to expose them to practices and challenges in cities outside the United States. We will consider case studies on cities in many countries we will visit as we explore different aspects of urban development including population dynamics, economic growth, public health, environment, services and infrastructure, sustainable designs, urban environmental planning and governance.

COURSE OUTLINE:

Class	Topic	Reading
1	Introduction	O'Sullivan Ch. 1
2	Urban Development Goals	O'Sullivan Ch. 1
3	Intro to Urban Sustainability: Curitiba	Macedo (2004); Rabinovitz (1996)
Brazil		
4	URBAN CONDITIONS: Population Growth	UNFPA (2007) Section 1
5	Urban Poverty	Ravallion (2007); Mercado et al (2007); UNFPA (2007) Section 2-3
6	Neighborhood Choice	O'Sullivan Ch. 8
Namibia		
7	URBAN ECONOMICS Zoning and Growth Controls; Segregation in South Africa	O'Sullivan Ch. 9; Christopher (1997)
South Africa		
8	Why do cities exist?	O'Sullivan Ch. 2
9	Why do firms cluster?	O'Sullivan Ch. 3
10	City Size	O'Sullivan Ch. 4
11	Urban Growth	O'Sullivan Ch. 5
12	Land-Use Patterns	O'Sullivan Ch. 7
India		
A13/B13	Mass Transit	O'Sullivan Ch. 11
A14	CASES: Nonmotorized Transport in Delhi	Tiwari (2002)
Malaysia		
B14	Nonmotorized Transport in Delhi	Tiwari (2002)
15	Urban Development and Political System: Hanoi	Quang and Kammeier (2002)
Vietnam		
16	Hong Kong in Transition	Cullinane & Cullinane (2003)
HK/China		
17	Makings of a "Great City": Asian Metropolises	Ng and Hills (2003)
Japan		
18	URBAN ENVIRONMENTAL ISSUES Presentations: Urban Sprawl	Nechyba & Walsh (2004); UNFPA (2007) Section 4
19	Presentations: Urban Density	Yuen (2005); UNFPA (2007) Section 5
20	Presentations: Urban Transportation	Litman & Burwell (2005)
21	Presentations: Portland, Oregon	Gibson and Abbott (2002)
Hawaii		
22	Back to the U.S. Sustainable Living	Sanne (2002); Owen (2004)
23	Wrap Up: Sustainable Futures	UNFPA (2007) Section 6
Exam	Final Essay	

FIELD COMPONENT

The field trips serve to process the course content in an informal and more personal and concrete way. Allow ample time to explore the cities and experience diverse urbanized environments: public spaces such as plazas, parks, town centers, eating places, markets, and other shopping areas; residential and business districts; and historic centers. Take advantage of SAS offered city orientation tours including the two tours that I will lead (Kuyasa Fund/Khayelitsha township tour in Cape Town and Central to the Peak tour in Hong Kong).

What you are required to do are the following:

- 1) *S@SLINE News Reports* -- You will report on at least one current economic event or issue relating to the city you have visited. These economic news briefs (80 to 130 words) are due on the first class after returning from each of the following six ports: Salvador, Cape Town, Chennai, Ho Chi Minh, Hong Kong/Shanghai and Kobe/Yokohama.
- 2) *JOURNAL/ESSAY* -- Keep a field journal. Gather information about the urban structure and systems and discover people's attitudes about their urban environments and views about how these affect their lives. Find linkages between what you see and experience and the different themes examined in class. Your field notes will be an important resource for your final essay. The essay (1500 to 2000 words) will be an analysis and reflection on the quality of life in urban environments and will integrate your impressions and observations with technical and theoretical course material.

SUGGESTED PRACTICA:

SOUTH AFRICA: Kuyasa Fund & Township Tour (FDP)
HONG KONG: Central to the Peak Tour (FDP)

METHODS OF EVALUATION

The course is designed to be reading and discussion intensive. The readings serve as a foundation and point of departure for our lecture-discussion classes. Students are expected to read all assignments before coming to class and be able to contribute effectively to class discussions. (Absences count against your participation grade.) Periodic quizzes and in-class writing will help you stay on track with reading and demonstrate your understanding of the assigned materials. *S@SLINE News Reports* are economic news briefs (100 to 150 words) due on the first class after returning from each of the eight ports (from Brazil to Japan). For group work, the class will be divided into four groups; each one will examine an urban environmental issue motivated by assigned readings and present to the class a summary and commentary on the issue. Students will keep a guided journal which will help them write the Final Essay.

Class Participation – 25 percent

Quizzes and In-class Writing – 25 percent

S@SLINE News Reports – 15 percent

Group Presentation on Urban Environmental Issues – 15 percent

Final Essay – 20 percent

REQUIRED TEXTBOOKS

AUTHOR: Arthur O'Sullivan

TITLE: Urban Economics

PUBLISHER: McGraw-Hill Irwin

ISBN-10: 0072984767

ISBN-13: 978-0072984767

DATE/EDITION: 2006, 6th edition

Course Packet

RESERVE LIBRARY LIST

AUTHOR: N. Gregory Mankiw
TITLE: Essentials of Economics, Fourth Edition
PUBLISHER: South Western
ISBN-10: 0324236964
ISBN-13: 9780324236965
DATE: 2007
COST: \$155, Casebound

AUTHOR: The World Bank
TITLE: World Development Report 2003- Sustainable Development in a Dynamic World: Transforming Institutions, Growth, and Quality of Life
PUBLISHER: The World Bank
ISBN: 0-8213-5150-8
DATE/EDITION: Fourth Edition, 2006.
COST: \$26
Also available at: <http://go.worldbank.org/IUJMUURIP0>
or at <http://www.dynamicsustainabledevelopment.org>

AUTHOR: UN-Habitat
TITLE: State of the World's Cities 2006/7
PUBLISHER: UN Habitat
ISBN: 92/1/131811-4
HS Number: HS/814/06E
DATE: 2006
COST: \$35

ELECTRONIC COURSE MATERIALS

Ahmad(2007). "Big or Too Big." Finance and Development. Volume 44, Number 3, pp. 20-23.

Bloom and Khanna (2007). "Urban Revolution;" Finance and Development. Volume 44, Number 3, pp. 9-14. **packet**

Bunnell et al (2002). "City Profile: Kuala Lumpur Metropolitan Area: A Globalizing City-Region." Vol. 19, No. 5, p. 357–370. *optional*

Cerin, et al (2007). Measuring Perceived Neighbourhood Walkability in Hong Kong. Cities. Vol. 24, No. 3, p. 209–217. *optional*

Christopher (2005). "The Slow Pace of Desegregation in South African Cities, 1996–2001." Urban Studies, Vol. 42, No. 12, pp. 2305–2320. *optional*

Christopher (1997). "Racial Land Zoning in Urban South Africa." Land Use Policy. Vol. 14, No. 4, pp.311-323. **packet**

Cullinane and Cullinane (2003). "City Profile: Hong Kong." Cities. Vol. 20, No. 4, pp. 279-288. **packet**

The Economist (2008). "The Rivals: Briefing on London and Paris." March 15, 2008, pp. 31-34.

Gibson and Abbott (2002). "City Profile: Portland, Oregon." Cities, Vol. 19, No. 6, p. 425–436.

Lau and Chiu (2003). "Accessibility of Low-Income Workers in Hong Kong." Cities. Vol. 20 No. 3 pp. 197-204. *optional*

Lemanski (2007). "Viewpoint: Global Cities in the South: Deepening Social And Spatial Polarisation in Cape Town." Cities. Vol. 24, No. 6, p. 448–461. *optional*

Litman and Burwell (2006). "Issues in Sustainable Transportation," Int. J. Global Environmental Issues. Vol. 6, No. 4, pp. 331-347. **packet**

Macedo (2004). "City Profile: Curitiba." Cities. Vol. 21, No. 6, pp. 537–549. **packet**

Mercado et al (2007). "Urban Poverty: An Urgent Public Health Issue." Journal of Urban Health. Vol. 84, No. 1, pp.i7-i15. **packet**

Nechyba and Walsh (2004). "Urban Sprawl." Journal of Economic Perspectives. Vol. 18, No. 4, pp.177–200. **packet**

Ng and Hills (2003). "World Cities or Great Cities? A Comparative Study of Five Asian Metropolises" Cities. Vol. 20, No. 3, pp. 151-165. **packet**

Owen (2004). "Green Manhattan: Everywhere should be more like New York." The New Yorker. October 18, pp. 111-123. **packet**

Polese (2005). "Cities and National Economic Growth: A Reappraisal." Urban Studies. Vol. 42, No. 8, pp. *optional*

Quang and Kammeier (2002). "Changes in the Political Economy of Vietnam and their Impacts on the Built Environment of Hanoi." Cities. Vol. 19, No. 6, p. 373–388. **packet**

Rabinovitch (1996). "Innovative Land Use and Public Transport Policy: The Case of Curitiba, Brazil." Land Use Policy. Vol. 13, No. 1, pp. 51-67. *optional*

Ravallion (2007). "Urban Poverty;" Finance and Development. Volume 44, Number 3, pp. 15-17.

Sanne. (2002). "Willing consumers—or locked-in? Policies for a Sustainable Consumption." Ecological Economics. Vol. 42, pp. 273–287. **packet**

Surborg (2006). "Advanced Services, the New Economy and the Built Environment in Hanoi." Cities. Vol. 23, No. 4, pp. 239–249. *optional*

Tiwari (2002). "Urban Transport Priorities Meeting the Challenge of Socio-economic Diversity in Cities, a Case Study of Delhi, India." Cities. Vol. 19, No. 2, pp. 95-103. **packet**

UNFPA (2007). State of World Population 2007: Unleashing the Potential of Urban Growth
http://www.unfpa.org/swp/2007/presskit/pdf/sowp2007_eng.pdf

Yuen (2005). "Romancing the High-Rise in Singapore." Cities. Vol. 22, No. 1, p. 3–13. **packet**

Yuen (2004). Safety and Dwelling in Singapore. Cities. Vol. 21, No. 1, pp. 19–28. *optional*

Zannin et al (2002). "Environmental Noise Pollution in the City of Curitiba, Brazil" Applied Acoustics. Vol. 63, pp. 351–358. *optional*