

CA6220: URBAN ECONOMICS AND REGIONAL PLANNING

Effective Term

Semester B 2024/25

Part I Course Overview

Course Title

Urban Economics and Regional Planning

Subject Code

CA - Civil and Architectural Engineering

Course Number

6220

Academic Unit

Architecture and Civil Engineering (CA)

College/School

College of Engineering (EG)

Course Duration

One Semester

Credit Units

3

Level

P5, P6 - Postgraduate Degree

Medium of Instruction

English

Medium of Assessment

English

Prerequisites

Nil

Precursors

Nil

Equivalent Courses

Nil

Exclusive Courses

Nil

Part II Course Details

Abstract

This course applies economics theory and formal models to the understanding of a range of planning-public policy questions that exist in an urban-regional context. It will begin by exploring the unique features of local, as opposed to national, economies. Having established an analytical framework for thinking about local economics, the course will turn to analyze the regional development.

Course Intended Learning Outcomes (CILOs)

CILOs		Weighting (if DEC-A1 app.)		DEC-A2	DEC-A3
1	Explain basic urban economic theory;		x		
2	Explore the market forces in the development of cities and regions;			x	
3	Elaborate policy recommendation to urban issues;			x	
4	Explain regional competition and economic development theories and apply the theories to real-world practices.		x	x	x

A1: Attitude

Develop an attitude of discovery/innovation/creativity, as demonstrated by students possessing a strong sense of curiosity, asking questions actively, challenging assumptions or engaging in inquiry together with teachers.

A2: Ability

Develop the ability/skill needed to discover/innovate/create, as demonstrated by students possessing critical thinking skills to assess ideas, acquiring research skills, synthesizing knowledge across disciplines or applying academic knowledge to real-life problems.

A3: Accomplishments

Demonstrate accomplishment of discovery/innovation/creativity through producing /constructing creative works/new artefacts, effective solutions to real-life problems or new processes.

Learning and Teaching Activities (LTAs)

LTAs		Brief Description	CILO No.	Hours/week (if applicable)
1	Lectures	Students will develop a comprehensive understanding of topics related to urban economics and regional planning	1, 2, 3, 4	
2	Tutorials	Students will engage in class discussions and activities on problems related to lecture themes	1, 2, 3, 4	

Additional Information for LTAs

Semester Hours: 3 hours per week

Lecture/Tutorial/Laboratory Mix: Lecture (2); Tutorial (1); Laboratory (0)

Assessment Tasks / Activities (ATs)

ATs		CILO No.	Weighting (%)	Remarks (e.g. Parameter for GenAI use)
1	Research proposal	1, 2, 3, 4	30	
2	Research paper	1, 2, 3, 4	40	
3	Mid-term test	1, 2, 3, 4	30	

Continuous Assessment (%)

100

Examination (%)

0

Assessment Rubrics (AR)**Assessment Task**

Research proposal (for students admitted before Semester A 2022/23 and in Semester A 2024/25 & thereafter)

Criterion

Ability to apply theories and knowledge to topics related to urban economics to address real world issues

Excellent

(A+, A, A-) High

Good

(B+, B, B-) Significant

Fair

(C+, C, C-) Moderate

Marginal

(D) Basic

Failure

(F) Not even reaching marginal levels

Assessment Task

Research paper (for students admitted before Semester A 2022/23 and in Semester A 2024/25 & thereafter)

Criterion

Ability to apply theories and knowledge to topics related to urban economics to address real world issues

Excellent

(A+, A, A-) High

Good

(B+, B, B-) Significant

Fair

(C+, C, C-) Moderate

Marginal

(D) Basic

Failure

(F) Not even reaching marginal levels

Assessment Task

Mid-term test (for students admitted before Semester A 2022/23 and in Semester A 2024/25 & thereafter)

Criterion

Ability to understand and apply theories and knowledge to topics related to urban economics

Excellent

(A+, A, A-) High

Good

(B+, B, B-) Significant

Fair

(C+, C, C-) Moderate

Marginal

(D) Basic

Failure

(F) Not even reaching marginal levels

Assessment Task

Research proposal (for students admitted from Semester A 2022/23 to Summer Term 2024)

Criterion

Ability to apply theories and knowledge to topics related to urban economics to address real world issues

Excellent

(A+, A, A-) High

Good

(B+, B) Significant

Marginal

(B-, C+, C) Basic

Failure

(F) Not even reaching marginal levels

Assessment Task

Research paper (for students admitted from Semester A 2022/23 to Summer Term 2024)

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Assessment Task

Mid-term test (for students admitted from Semester A 2022/23 to Summer Term 2024)

Criterion

Ability to understand and apply theories and knowledge to topics related to urban economics

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(B+, B) Significant

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Part III Other Information

Keyword Syllabus

Urban economics, market forces, land use, economic policy, transportation and economics, housing and public policy, government expenditures and taxes, regional planning.

Reading List**Compulsory Readings**

Title	
1	Nil

Additional Readings

Title	
1	Arthur O'Sullivan. Urban Economics, any edition.
2	Jan K. Brueckner. 2011. Lectures on Urban Economics, MIT Press.
3	John F. McDonald and Daniel P. McMillen. 2011. Urban Economics and Real Estate: Theory and Policy. NJ: Wiley
4	Denise DiPasquale and William Wheaton. 1996. Urban Economics and Real Estate Markets. N.J: Prentice Hall.
5	Philip McCann, 2013. Modern Urban and Regional Economics. Oxford University Press.