

ECU44181 — Applied Economics

Module Information	
Module Code	ECU44181
Module Title	Applied Economics
Department	Economics
Year Group	Senior Sophister
Module Personnel	Martina Kirchberger
Academic Year	2026-2027
Credit Weighting	10 credits
Semester	Semester 1
Contact Hours	22 hours of lectures and 4 hours of tutorials

Module Content	
Module Description	Applied Economics covers key topics in urban economics. We will start by exploring the theoretical foundations of agglomeration economies and empirical evidence. In other words, what are the forces that cause individuals and firms to cluster at high densities? Can we distinguish between different types of forces? We will examine the role of cities in economic growth and how urbanization processes in low-income countries nowadays differ from those experienced by now industrialized countries. We will talk about how transport networks shape the spatial distribution of economic activity. We will also examine how cities affect the environment, and how the environment influences urbanization. We will examine the role of the construction sector in providing essential structures to an economy. Across these topics, we will investigate the role of new sources of large datasets (often referred to as “big data”) in an urban context.
Module Learning Aims	
Learning Outcomes	Having successfully completed this module, students will be able to:

Module Content

	• Discuss the theoretical foundations of agglomeration economies and empirical evidence • Understand transport infrastructure policies and how to empirically evaluate their impact • Analyze how cities affect the environment and how the environment shapes city growth • Evaluate the role of the construction sector in the provision of structures • Examine the use of big data in an urban context
Indicative Reading / Resources	A full reading list will be provided at the start of lectures.

Assessment

Assessment Components	70% final exam + 30% continuous assessment
Assessment Details	N/A

Additional Information

Prerequisites	SF Intermediate Economics
Co-requisites	None
Any other information	