



Sustainable Development. Urban Economics and Sustainable Cities, the
Political Economy of Sustainable Development and Institutions, Topics in
Development Economics: Education, Health, Migration
Educational subject description sheet

Basic information

<p>Field of study Joint Bachelor in Sustainability</p> <p>Speciality Geography & Economics</p> <p>Organizational unit Faculty of Law and Administration</p> <p>Study level first cycle (joint degree programme)</p> <p>Study form full-time degree programme</p> <p>Education profile General academic</p> <p>Mandatory obligatory</p>	<p>Education cycle 2025/26</p> <p>Subject code UJ.WPAJBSGEC.S.8100.16526.25</p> <p>Lecture languages english</p> <p>Subject related to scientific research Yes</p> <p>Disciplines Economics and finance, Political science and administration</p> <p>ISCED classification 0311 Economics</p> <p>USOS code</p>	
Subject coordinator	Piotr Szwedo	
Lecturer	Clément Bosquet, Julieta Peveri, Omar Joya	
Period Semester 5	<p>Examination exam</p> <p>Activities and hours Discussion class: 45</p>	Number of ECTS points 5.0

Goals

C1	Understanding the specifics of sustainability in different contexts : urban, institutional and some case studies.
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Subject's learning outcomes

Code	Outcomes in terms of	Effects	Examination methods
Knowledge - Student knows and understands:			
W1	problems related to education, health, and migration, specific to selected cultural, geographical, and political contexts.	JBS_K1_W04	written exam
W2	essential international instruments and institutions related to education, health, and migration, and explain their potential role in resolution of a given problem.	JBS_K1_W05	written exam
W3	interconnections between education, health, and migration, and identify their significance in the context of natural and social sciences, with a special focus on economics and geography.	JBS_K1_W06	written exam
Skills - Student can:			
U1	clearly and comprehensively present their own stance in matters related to education, health, and migration, both in specialist and in non-specialist terms, utilising the competences acquired during the course.	JBS_K1_U02	written exam
U2	recognize examples of simple research activities related to education, health, and migration, which could be effectuated as parts of their own personal and professional development.	JBS_K1_U04	written exam
Social competences - Student is ready for:			
K1	to critically assess and verbalize their own competencies and skills related to sustainability-related challenges in the field of political economy, with a special focus on education, health, and migration.	JBS_K1_K04	written exam
K2	to defend the importance of scientific data and methods typical for health, education, and migration-related issues as a basis for decision-making in the field of political economy.	JBS_K1_K05	written exam

Calculation of ECTS points

Activity form	Activity hours*	
Discussion class	45	
problem analysis	45	
preparation for the exam	30	
preparation for classes	15	
Student workload	Hours 135	ECTS 5.0

* hour means 45 minutes

Study content

No.	Course content	Subject's learning outcomes
1.	<p>Section 1: Urban Economics and Sustainable Cities 5.1.31</p> <ul style="list-style-type: none"> • Intro, definitions, stylized facts and principles of urban economics • Agglomeration economies and urbanization • Sustainable cities 1: infrastructures (transport, housing, environment) • Sustainable cities 2: social and economic inclusion (neighborhoods, segregation, urban renewal, place-based policies) • Cities in developing countries 	W1, W2, W3, U1, U2, K1, K2
2.	<p>Section 2 : The political Economy of Sustainable Development and Institutions 5.1.32</p> <ul style="list-style-type: none"> • Introduction and chapter 1: the role of institutions for development • Chapter 1 (cont.): The role of institutions for development • Chapter 2: The political economy of green transitions • Chapter 2 (cont.): The political economy of green transitions • Chapter 3: The politics of international coordination for climate change 	W1, W2, W3, U1, U2, K1, K2

No.	Course content	Subject's learning outcomes
3.	<p>Section 3: Topics in Development Economics : Education, Health, Migration 5.1.33</p> <p>Human Capital and Economic Development This lecture will discuss the role of human capital in economic development. It will explain why human capital, consisting of investments in education, skills and health, is important for growth and development, drawing on not only theoretical models but also recent empirical research. It will also discuss how investments in human capital could enhance the outcomes of other growth strategies and support the structural transformation of developing countries in today's globalized world.</p> <p>Topics in Education The second lecture will tackle specific topics in education. First, we will discuss the returns to education, how they are estimated in the economic literature, and the distinction between social and private returns. Second, we will expand the definition of education beyond the traditional measures of 'schooling,' and will define education as 'skills' development. Third, we will look at supply-side policies in education and how they may be related to underinvestment, misallocation, and quality of education. Finally, we will conclude the lecture with a discussion on gender equality and the impact it may have on economic growth and development.</p> <p>Topics in Health The third lecture will start with a historical overview of improvements in health outcomes across the world, in order to set the context for a discussion on the epidemiologic transition (the shift in disease pattern) in the world. Next, it will present the determinants of health outcomes; not only such determinants as income growth and productivity, but also broader development factors that determine health progress. The third and final section will present key issues in sustainable health financing. The fourth and final section will focus on some implications of the Covid-19 pandemic for the sustainability of health systems.</p> <p>Migration The fourth lecture in this course will focus on migration. It will first elaborate basic concepts in demography, such as compositions of population growth, dependency burden, demographic transition, demographic dividend, and other relevant concepts. Next, the lecture will discuss urbanization and rural-urban migration, delving into both the causes of rural-urban migration and its economic and social consequences.</p> <p>Migration, Globalization and Development The final lecture will discuss international migration in a broader context of globalization. In a first step, we will study the effects of migration on countries of origin, including the remittances, return to education, and transfer of (entrepreneurial) skills. In a second step, we will study the impact of migration on host countries' labor market conditions and firm profitability. In these discussions, we will distinguish between the short-term and the long-term effects of migration, which can often be heterogeneous.</p>	W1, W2, W3, U1, U2, K1, K2

Course advanced

Teaching methods :

text analysis, brainstorming, conversation lecture

Activities	Examination methods	Credit conditions
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Activities	Examination methods	Credit conditions
Discussion class	written exam	Active participation (non-graded), written exam based on open questions (graded).

Entry requirements

None

Literature

Obligatory

1. Core Econ Team (2024), The Economy 2.0 : Microeconomics, url : <https://www.core-econ.org/project/the-economy-2-0-microeconomics/>
2. Core Econ Team (2024), The Economy 2.0 : Macroeconomics, url : <https://www.core-econ.org/new-edition-of-the-economy/>
3. Core Econ Team (2024), The Economy 2.0 : Macroeconomics, url : <https://www.core-econ.org/new-edition-of-the-economy/>
4. Core Econ Team (2024), Experiencing Economics, url : <https://www.core-econ.org/project/experiencing-economics/>
5. Core Econ Team (2024), Doing Economics, url : <https://www.core-econ.org/project/doing-economics/>
6. Core Econ Team (2024), The Economy 1.0, url : <https://www.core-econ.org/project/core-the-economy/>

Effects

Code	Content
JBS_K1_K04	The graduate can critically assess and verbalize own competencies and skills related to different aspects of sustainability as well as their need for development.
JBS_K1_K05	The graduate can defend the importance of scientific data and methods as a basis for decision-making.
JBS_K1_U02	The graduate can present and report knowledge, methodologies, ideas, problems and solutions, clearly and comprehensively, in different forms destined for different audiences - including discussions and debates which require defending a substantiated opinion, as well as conversations in a foreign language at the CEFR B2 level.
JBS_K1_U04	The graduate can plan and effectuate simple sustainability-related projects under supervision and in the context of personal lifelong learning, both individually and in a team, using appropriate transversal skills and taking shared responsibility for the outcome.
JBS_K1_W04	The graduate can identify sustainability-related problems specific to selected cultural, geographical, and political contexts.
JBS_K1_W05	The graduate can identify essential international instruments and institutions related to sustainability and explain their potential role in resolution of a given problem.
JBS_K1_W06	The graduate can describe interconnections between various aspects of sustainability and identify their significance in the context of natural and social sciences, with a special focus on disciplines included in the selected specialisation track (law and politics; chemistry and physics; chemistry and biology; economics and geography; economics, management and engineering; humanities).