



JAGIELLONIAN  
UNIVERSITY  
IN KRAKÓW

## Microeconomics

### Educational subject description sheet

#### Basic information

<b>Field of study</b> Joint Bachelor in Sustainability		<b>Education cycle</b> 2025/26	
<b>Speciality</b> Economics, Management & Engineering		<b>Subject code</b> UJ.WPAJBSEMES.840.03559.25	
<b>Organizational unit</b> Faculty of Law and Administration		<b>Lecture languages</b> english	
<b>Study level</b> first cycle (joint degree programme)		<b>Subject related to scientific research</b> Yes	
<b>Study form</b> full-time degree programme		<b>Disciplines</b> Economics and finance	
<b>Education profile</b> General academic		<b>ISCED classification</b> 0311 Economics	
<b>Mandatory</b> obligatory		<b>USOS code</b>	
<b>Subject coordinator</b>	Piotr Szwedo		
<b>Lecturer</b>	Stijn Vanormelingen		
<b>Period</b> Semester 3	<b>Examination</b> exam	<b>Number of ECTS points</b> 3.0	
	<b>Activities and hours</b> Lecture: 24 Classes: 6		

#### Goals

C1	The aims of the course is to (1) introduce microeconomic concepts to analyse consumer and producer behavior and (2) introduce economic markets and (3) analyse how the outcome in these markets depends on the economic environment.
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## Subject's learning outcomes

Code	Outcomes in terms of	Effects	Examination methods
<b>Knowledge - Student knows and understands:</b>			
W1	the environment in which an organisation is active and estimates the influence of environmental factors on the functioning of the organisation	JBS_K1_W04, JBS_K1_W05	written exam
W2	the microeconomic concepts of price setting and different price setting strategies for the most important market forms	JBS_K1_W07	written exam
W3	the market conditions under which government intervention in the market can increase welfare	JBS_K1_W03, JBS_K1_W05	written exam
W4	the economics behind external effects, such as environmental pollution, and can demonstrate how to internalize them	JBS_K1_W04, JBS_K1_W05	written exam
<b>Skills - Student can:</b>			
U1	interpret behaviour of producers and consumers based on academic, economic concepts and theories	JBS_K1_U01	written exam
U2	critically analyse the impact of non-market conform and market conform government instruments using the academic, micro-economic framework	JBS_K1_U03	written exam
U3	define, explain and use both graphically and model-based macro- and micro-economic concepts	JBS_K1_U03	written exam
<b>Social competences - Student is ready for:</b>			
K1	to show interest in current affairs and broaden his background knowledge	JBS_K1_K03	written exam
K2	to critically reflect on business and economic thinking and behaviour from a social and ethical point of view	JBS_K1_K01, JBS_K1_K03	written exam

## Calculation of ECTS points

Activity form	Activity hours*
Lecture	24
preparation for classes	10
preparation for the exam	40
Classes	6
<b>Student workload</b>	<b>Hours</b> 80
	<b>ECTS</b> 3.0

\* hour means 45 minutes

## Study content

No.	Course content	Subject's learning outcomes
1.	History economic growth and inequality	K1, K2
2.	Drivers economic growth. Comparative advantage; capitalism	U3, K1
3.	Technological change; production function, average and marginal product	U1, U3, K1
4.	Choice under scarcity, Utility, Indifference curves,	U1, U3, K1
5.	Feasible frontier, Optimal labor choice	U1, U3, K1
6.	Game theory	U3, K1, K2
7.	Costs of production, economies of scale	U3, K1
8.	Demand function, elasticities, revenue	W1, U3, K1
9.	Profit maximization firms with market power	W1, W2, U2, K1
10.	Supply-demand schedule, perfect competition, taxes	W1, W2, U2, U3, K1, K2
11.	Rent seeking and market dynamics	U1, U3, K1
12.	Externalities, Market failures	W1, W2, W3, W4, U2, U3, K1, K2
13.	Recap	U3
14.	Exercise session 1	U3
15.	Exercise session 2	U3

## Course advanced

### Teaching methods :

brainstorming, conversation lecture, discussion, practicals

Activities	Examination methods	Credit conditions
Lecture	written exam	Written closed book exam, including multiple choice and open questions. Students pass if they obtain at least 10/20.
Classes	written exam	Written closed book exam, including multiple choice and open questions. Students pass if they obtain at least 10/20.

## Entry requirements

None

## Literature

### Obligatory

1. <https://www.core-econ.org/project/the-economy-2-0-microeconomics/> additional teaching material is made available via the digital learning environment Blackboard Ultra

## Effects

Code	Content
JBS_K1_K01	The graduate can encourage sustainability-driven practices in the workplace and appraise sustainability of own values, perceptions, roles, and actions, with a special focus on environmental wellbeing.
JBS_K1_K03	The graduate can consider different visions of the future and develop own evidence-based opinions in reference to the balance of values linked to economic development, social welfare, and environmental protection.
JBS_K1_U01	The graduate can critically analyse academic literature, formulate research questions and conduct research under supervision.
JBS_K1_U03	The graduate can apply adequate methods and tools, including selected IT tools, to solve problems related to data collection, analysis, and management in the context of sustainability.
JBS_K1_W03	The graduate can give examples of sustainability-related dilemmas and hypothesize on the optimal course of action.
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_W07	The graduate can apply the theory and methodology of disciplines included in the selected specialisation track to sustainability-related problems, taking into consideration practical limitations such as protection of intellectual property.