

<b>Course title</b>		Sustainable development – theory and practice						<b>ECTS code</b>		14.3.EM.SZ.1967	
								<b>ECTS credits</b>		2	
<b>Name of unit administrating study</b>		KET		<b>Field of study</b>		MSG**		<b>Field of specialisation</b>		IB;	
<b>Teaching staff</b>		Barbara Pawłowska, Associate Professor ; Giuseppe T. Cirella, Ph.D.									
<b>Number of hours</b>											
<b>Lectures</b>	30	<b>Classes</b>	0	<b>Tutorials</b>	0	<b>Laboratory</b>	0	<b>Seminars</b>	0	<b>Language classes</b>	0
<b>Forma aktywności</b>								<b>Year&amp;Type of studies*</b>		3 SS1,	
<b>Hours with the participation of the academic teacher (including office hours, exams, others):</b>								<b>Semester:</b>		5,	
<b>Hours without the participation of the academic teacher (student's self-study, homeworks):</b>								<b>Type of course:</b>		obligatory	
<b>Total number of hours:</b>						0		<b>Language of instruction:</b>		English	
<b>Teaching form</b>		in-class learning									
<b>Teaching methods</b>		Lectures including multimodal presentations, Individual projects, Case studies, Collaborating, group activities, Didactic games,									
<b>Prerequisites (required courses and introductory requirements)</b>											
<b>Required courses</b>		Basic knowledge of microeconomics and makroeconomics and international economics.									
<b>Introductory requirements</b>		Good command of English.									
<b>Assessment method, forms and criteria</b>											
<b>Assessment method</b>		Course completion (graded)									
<b>Assessment criteria</b>		51% of points give satisfactory grade, 60% - satisfactory plus, 70% - good, 80% - good plus, 90% very good.									
<b>Course objectives</b>											
This course is designed to serve as a foundation course for students in Sustainable Development. The course will introduce to students the core concepts, principles and practices of sustainable development (SD). It examines the environmental, economic, and social dimensions of SD by focusing on changing patterns of consumption, production, and distribution of resources. Student learns the types of economic ties, including the rules of the market and the market mechanism, both on the national and international in the environmental context.											
<b>Learning outcomes</b>											
<b>Knowledge</b>		MSG1_W01	Student has fundamental knowledge in the field of economics and its significance in the system of sciences, including related disciplines of science								
		MSG1_W02	Student knows fundamental terminology and has fundamental and clarified knowledge in the field of international business relations and complementary disciplines								
		MSG1_W03	Student has fundamental knowledge about various and essential elements of economic structures and institutions, including business entities and relations among them in domestic, international and intercultural scale								
		MSG1_W04	Student has fundamental knowledge about various and essential elements of economic structures and institutions, including business entities and relations among them in								

		domestic, international and intercultural scale
MSG1_W05		Student has clarified, fundamental detailed knowledge in selected specialty in the field of international business relations
MSG1_W09		Student knows economic connections and governing regularities, including principles of market functioning and market mechanism in domestic and international aspect
MSG1_W10		Student has fundamental knowledge about principles and standards (legal, organizational, ethical) organizing economic structures and institutions (in particular these from international market) and governing regularities, as well as their sources, nature and changes

**Verification of learning outcomes - Knowledge**

Outcomes	written exam	oral exam	test	essay/paper /portfolio	tasks/ homeworks	individual presentation	group presentation	classroom activities	classroom discussion	individual project	group project
MSG1_W01								X	X		
MSG1_W02								X	X		
MSG1_W03							X	X			
MSG1_W04			X						X		
MSG1_W05			X				X	X			
MSG1_W09							X				X
MSG1_W10				X					X		

Skills	MSG1_U04	Student observes and analyzes basic economic processes taking place in open economy, interprets necessary statistical data and economic indicators, as well as forecasts economic processes and phenomena using standard methods and tools applied in economics
	MSG1_U09	Student uses notions connected with international business relations correctly (in connection with selected specialty in the field of international business relations)
	MSG1_U16	Student has language skills in economics, appropriate for the field of international business relations, in accordance with requirements for B2 level according to Common European Framework of Reference for Languages

**Verification of learning outcomes - Skills**

Outcomes	written exam	oral exam	test	essay/paper /portfolio	tasks/ homeworks	individual presentation	group presentation	classroom activities	classroom discussion	individual project	group project
MSG1_U04							X		X		X
MSG1_U09							X		X		X
MSG1_U16			X			X			X		

Attitudes	MSG1_K01	Student knows limitations of own knowledge and skills and understands the need of life-long learning and supplementing acquired knowledge and skills; indicates trends of own development and learning
	MSG1_K03	Student communicates with the surrounding properly, determines priorities leading to accomplishment of own or others tasks and bears responsibility for undertaken activities
	MSG1_K05	Student participates efficiently in undertaking and accomplishing group development tasks referring to functioning of contemporary business entities in conditions of business activity internationalization and development of integration processes
	MSG1_K07	Student is aware of importance of conduct in working life in professional, ethical way respecting diversity of views and cultures; is aware of corporate social responsibility

**Verification of learning outcomes - Attitudes**

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Outcomes	written exam	oral exam	test	essay/paper /portfolio	tasks/ homeworks	individual presentation	group presentation	classroom activities	classroom discussion	individual project	group project
MSG1_K01								X			
MSG1_K03							X	X	X		
MSG1_K05											X
MSG1_K07									X		

**Course contents**

0. Introductory classes: setting out the principles of the final assessment and individual tasks

1. Sustainable Development introduction

- Definition of sustainable development;
- Economic dimension of sustainable development;
- Environmental sustainability;
- Social sustainability;
- Measuring sustainability, well-being, quality of life.

2. Identification of challenges of the global world & impact of human activities on the environment

- Social pressure and demographic trends, urbanization processes;
- Economic growth, technology and globalization;
- Environmental pressure, food production;
- External effects of human activities.

3. Ecological footprint and Living Planet Index (LPI) - theoretical introduction (what is an ecological footprint and LPI, how they are measured and how ecological footprint can be improved) and the discussion on the indicators for Europe and rest of the world.

- Group Work: how to improve our ecological footprint?

4. From Stockholm to Paris - a short history of environmental events and statements (UN Conference on Human Environment; Our Common Future, Rio Declaration, Rio+10 and Rio+20; Kyoto Protocol; EU SD Strategy; Europa 2020; Roadmap 2050; COP 21: UN climate change conference / Sustainable Innovation Forum).

5. Macroeconomic policies and the environment

- Government and Civil society;
- Policies, instruments and the environment;
- Policy implementation.

6. Market failure: public goods and externalities

- The theory of environmental externalities;
- Internalizing environmental costs;
- Market failures;
- Shadow prices;
- Public goods;
- Property rights and the Coase theorem.

7. Firms and markets - corporate perspectives

- Identifying and prioritizing problems;
- Defining priorities for actions: diagnosing causes and finding solutions;
- Valuating the costs and benefits of environmental management.



Recommended reading lists

1. Markandya A., Harou P., Bellu L. G., Cistulli V., Environmental economics for sustainable development, Edward Elgar, Massachusetts 2002.
2. Kolstad C. D., Environmental economics, Oxford University Press, Oxford 2000.
3. Harris J. M. Environmental and Natural Resource Economics, A contemporary approach, Houghton Mifflin Co., New York 2002.

Contact

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\* SS1- undergraduate studies \* SS2 - graduate studies \* SDang - doctoral studies  
\*\* MSG - International Economic Relations