

Course title	Climate changes					ECTS code	14.3.EE.FL.3684					
						ECTS credits	5					
						max. students	20					
Name of unit administrating study	KPTiIG	Field of study	Economics/MSG**		Field of specialisation							
Teaching staff	Maria Matusiewicz, Ph.D.											
Number of hours												
Lectures	0	Classes	0	Tutorials	30	Laboratory	0	Seminars	0	Language classes	0	
Forma aktywności						Year&Type of studies*	1 SS2, 2 SS2, 1 SS1, 2 SS1,					
Hours with the participation of the academic teacher (including office hours, exams, others):						Semester:	2, 4, 2, 4,					
Hours without the participation of the academic teacher (student's self-study, homeworks):						Type of course:	optional					
Total number of hours:						0	Language of instruction:	English				
Teaching form	in-class learning Wydział Ekonomiczny											
Teaching methods	Discussion, questioning, Individual projects, Case studies, Lectures including multimodal presentations, Collaborating, group activities, Didactic games,											
Prerequisites (required courses and introductory requirements)												
Required courses	none											
Introductory requirements	none											
Assessment method, forms and criteria												
Assessment method	Course completion (graded)											
Assessment criteria	<ul style="list-style-type: none"> <li>the evaluation criterion is a presentation prepared individually or in a small group (if the number of people is too large for individual presentations)</li> <li>additional points can be obtained for activity in the classroom and participation in the discussion</li> <li>attendance is obligatory</li> <li>in the case of an insufficient number of points, the student writes an exam on the topics discussed in classes and on the basis of the compulsory literature</li> </ul>											
Course objectives												
<p>The students learn to live in a more balanced way. The students learn what actions and decisions in everyday life can affect the environment; why it is so important to deter the further increase in global temperature, and how to distinguish "greenwashing". The students learn how critically approach news about green solutions and recognize activities with real potential.</p>												
Learning outcomes												
Knowledge	E2_W01	student has an in-depth knowledge of the nature of human impact on the planet; understands the mechanisms of the ecosystem.										
	E2_W04	student knows different types of economic and social ties and regularities governing concerning the climate change.										
	E2_W02	has in-depth knowledge of business entities and organizations and public institutions dealing with the environment										
	MSG2_W03	knows and understands types of economic ties and the regularities governing them; understands the conditions and principles of the functioning of the industrial market and sustainable mechanism in the national, international and global aspect;										

	MSG2_W05	has an in-depth knowledge of the world economy, principles of global market functioning and its' impact on the planet; understands the causes, regularities and consequences of occurring changes;
	MSG2_W06	knows and understands the fundamental dilemmas related to climate change and the formation of contemporary international economic relations affecting the planet;

**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
E2_W02	X							X	X	X	
E2_W04	X							X	X	X	
E2_W01	X							X	X	X	
MSG2_W03	X							X	X	X	
MSG2_W05	X							X	X	X	
MSG2_W06	X							X	X	X	

Skills		
E2_U01		The student can creatively interpret and explain economic and social phenomena and relations between them concerning the impact on the planet.
E2_U07		The student can independently propose solutions to complex climate change problems.
MSG2_U01		can creatively interpret and explain complex and atypical economic phenomena in relation to climate changes and the relations occurring between them, using the acquired knowledge in economics, finance and international economic relations;
MSG2_U02		can observe, evaluate and critically analyse the causes and course of processes and phenomena taking place in the open economy; can formulate his/her own opinions on the subject, interpret statistical data and economic indicators in relation to climate changes,

**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
E2_U01	X					X		X	X		
E2_U07	X					X		X	X		
MSG2_U01	X					X		X	X		
MSG2_U02	X					X		X	X		

Attitudes		
E2_K02		The student is aware of the level of his/her knowledge in the field of climate change; understands the need to extend and update this knowledge throughout his/her life.
E2_K03		The student inspires and organises preparation of pro-sustainable projects, following the idea of sustainable development, reconciling legal, economic, ecological, political and social requirements.
E2_K06		The student is ready to observe and develop in his/her professional life principles of business ethics and corporate social responsibility, respect others, be loyal to their employer, taking into account changing environment and social needs.
MSG2_K01		is ready to recognise the importance of knowledge of economics in the process of identifying and solving problems in the area of climate changes and to consult experts in case of difficulties in solving them independently;
MSG2_K02		is ready to critically assess the level of acquired knowledge, skills and professional competence in the area of climate changes
MSG2_K06		is ready to independently identify, diagnose and responsibly resolve dilemmas and alternative solutions related to sustainable development within his/her reach

## Verification of learning outcomes - Attitudes

Outcomes	written exam	oral exam	test	essay/paper /portfolio	tasks/ homeworks	individual presentation	group presentation	classroom activities	classroom discussion	individual project	group project
E2_K02								X	X		
E2_K03								X	X		
E2_K06								X	X		
MSG2_K01								X	X		
MSG2_K02								X	X		
MSG2_K06								X	X		

## Course contents

1. Which actually means the earth is getting warmer.
2. The impact of transport on climate change.
3. The impact of agriculture on climate change.
4. Alternative sources of propulsion and the related dilemmas.
5. Renewable energy sources in the world.
6. Ecology in numbers.
7. What you can do in your daily life to influence climate change.

## Recommended reading lists

**Obligatory literature:**

Kate Raworth, Doughnut Economics: Seven Ways to Think Like a 21st-Century Economist, Random House UK Ltd; 2018.

**Supplementary literature:**

Current press - The Guardian, The Economist.

## Contact

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\* SS1- undergraduate studies \* SS2 - graduate studies \* SDang - doctoral studies

\*\* MSG - International Economic Relations