

### WYDZIAŁ INŻYNIERII ŚRODOWISKA, GEOMATYKI I ENERGETYKI

#### **MODULE SPECIFICATION**

Module code	
Module title in Polish	Podstawy ekonomii
Module title in English	The Fundamentals of Economics
Module running from the academic year	2016/2017

#### A. MODULE IN THE CONTEXT OF THE PROGRAMME OF STUDY

Field of study	Surveying and Cartography
Level of qualification	first cycle (first cycle, second cycle)
Programme type	academic (academic/practical)
Mode of study	full-time (full-time/part-time)
Specialism	All
Organisational unit responsible for module delivery	The Department of Economic Strategies
Module co-ordinator	Helena Baraniecka, PhD
Approved by:	Halina Jastrzębska-Smolaga, PhD hab., Professor of the University

#### **B. MODULE OVERVIEW**

Module type	core module (core/programme-specific/elective HES*)
Module status	compulsory module (compulsory/optional)
Language of module delivery	English
Semester in the programme of study in which the module is taught	semester 1
Semester in the academic year in which the module is taught	Winter semester (winter semester/summer semester)
Pre-requisites	None (module code/module title, where appropriate)
Examination required	No (yes / no)
ECTS credits	1

<sup>\*</sup> elective HES - elective modules in the Humanities and Economic and Social Sciences



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Total hours per	15		
semester			

#### C. LEARNING OUTCOMES AND ASSESSMENT METHODS

Module The aim of the module is to familiarise students with the selected categories and fundamentals of functioning as regards market economy.

Module outcome code	Module learning outcomes	Mode of instruction (I/c/lab/p/others)	Corresponding programme outcome code	Corresponding discipline-specific outcome code
W_01	A student has basic knowledge on the most important economic notions and categories.	_	GiK_W05	T1A_W02 T1A_W03
W_02	A student is familiar with the functioning of market economy, including the market in general, and the job market as well as state budget.	-	GiK_W07 GiK_W30	T1A_W02 T1A_W04 T1A_W06 T1A_W09 T1A_W10 T1A_W11
U_01	A student has theoretical background to interpret some phenomena and economic processes in the surrounding environment.	I	GiK_U21	T1A_U13 T1A_U15
K_01	A student understands the necessity and knows the possibilities of continuous education as regards economics in order to understand essential problems of the processes taking place in modern economy.	I	GiK_K01	T1A_K01

#### Module content:

1. Topics to be covered in the lectures

No.	Topics	Module outcome
	'	code
1	Introduction to economics	W_01
	the notion and division of economicss	W_02
	the relationship between micro- and macroeconomics	U_01 K_01
2	Needs and the methods of satisfying them	W_01
	production factors in the classical approach	W_02
	production factors in the modern approach	U_01 K_01
	Maslow's hierarchy of needs	1 1 1
3	The characteristics of market economy	W_01
	the origin and basic features of market economy	W_02
	the advantages and weaknesses of market economy	U_01 K_01
	property types	
4	Market, supply and demand	W_01
	the notion, types, and functions of market	W_02
	demand and its determinants	U_01 K_01
	supply and its determinants	
5	The functioning of the job market	W_01
	work supply and demand factors	W_02
	the structure of population in the production age	U_01 K_01



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	professional activity and its factors	
	<ul> <li>the causes, types, and socio-economic effects of unemployment</li> </ul>	
6	The measures of business activity	W_01
	<ul> <li>the concept and methods of calculating GDP</li> </ul>	W_02 U_01
	<ul> <li>the differences between GDP, GNP, and NNP</li> </ul>	K_01
	<ul> <li>calculating GDP per capita (its level and significance)</li> </ul>	
7	State budget and fiscal policy	W_01
	<ul> <li>the concept of state budget, deficit, budget surplus and equilibrium (as well as public debt)</li> </ul>	W_02 U_01 K 01
	basic incomes and budget expenses	15.
	<ul> <li>the sources of compensating state budget</li> </ul>	
	<ul> <li>the division of taxes according to the selected criteria</li> </ul>	
8	Obtaining a credit	

#### **Assessment methods**

Module outcome code	Assessment methods (Method of assessment; for module skills – reference to specific project, laboratory and similar tasks)	
W_01	A final test (a written test)	
W_02	A final test (a written test)	
U_01	A final test (a written test)	
K_01	Observing students' involvement, a discussion during the lectures	

#### D. STUDENT LEARNING ACTIVITIES

	ECTS summary	
	Type of learning activity	Study time/ credits
1	Contact hours: participation in lectures	15
2	Contact hours: participation in classes	-
3	Contact hours: participation in laboratories	-
4	Contact hours: attendance at office hours (2-3 appointments per semester)	
5	Contact hours: participation in project-based classes	-
6	Contact hours: meetings with a project module leader	-
7	Contact hours: attendance at an examination	-
8		
9	Number of contact hours	15 (sum)
10	Number of ECTS credits for contact hours (1 ECTS credit = 25-30 hours of study time)	0.6
11	Private study hours: background reading for lectures	3
12	Private study hours: preparation for classes	
13	Private study hours: preparation for tests	7
14	Private study hours: preparation for laboratories	-
15	Private study hours: writing reports	-
16	Private study hours: preparation for a final test in laboratories	-



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17	Private study hours: preparation of a project/a design specification	-
18	Private study hours: preparation for an examination	-
19		
20	Number of private study hours	10 (sum)
21	Number of ECTS credits for private study hours (1 ECTS credit = 25-30 hours of study time)	0.4
22	Total study time	25
23	Total ECTS credits for the module (1 ECTS credit = 25-30 hours of study time)	1
24	Number of practice-based hours  Total practice-based hours	
25	Number of ECTS credits for practice-based hours (1 ECTS credit = 25-30 hours of study time)	

#### E. READING LIST

References	
Module website	