



MODULE DESCRIPTION

Module code	
Module title in Polish	Wycena nieruchomości i kataster fiskalny
Module title in English	Property Valuation and Fiscal Cadastre
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 Geotechnical Engineering, Geomatics and Waste Management
Module co-ordinator	Piotr Parzych, PhD hab., Eng., Professor of the University
Approved by:	Ryszard Florek-Paszkowski, PhD, Eng.

B. MODULE OVERVIEW

Type of subject/group of subjects	core module (core/programme-specific/elective HES*)
Module status	optional module (compulsory/optional)
Language of conducting classes	English
Module placement in the syllabus - semester	4 th semester
Subject realisation in the academic year	summer semester (winter semester/summer semester)
Initial requirements	None (module code/module title, where appropriate)
Examination	No (yes / no)
Number of ECTS credit points	5

* elective HES – elective modules in the Humanities and Economic and Social Sciences

Mode of instruction	lectures	classes	laboratories	project	others
Total hours per semester	30		15	15	

• LEARNING OUTCOMES AND ASSESSMENT METHODS



Module aims	The objectives of the module are as follows: legal fundamentals of property valuation in Poland; the types of property value; estimation methods of these values; and the principles of preparing valuation surveys.
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Module outcome code	Module learning outcomes	Mode of instruction (l/c/lab/p/others)	Corresponding programme outcome code	Corresponding discipline-specific outcome code
W_01	A student knows basic principles of determining property value.	I	GiK_W08	T1A_W02, T1A_W08
W_02	A student has basic knowledge as regards legal and technological fundamentals concerning property valuation.	I	GiK_W09	T1 A_W03
W_03	A student knows the principles, methods, and the aim of running property cadastre (as well as the tasks of property management).	I	GiK_W18	T1A_W03, T1A_W04, T1A_W08
U_01	A student has the ability of preparing for laboratory and project classes, tests and examinations independently.	I/p	GiK_U03	T1A_U01, T1A_U05,
U_02	A student can (according to standards and after completing an appropriate analysis) prepare valuation survey as regards cadastre property.	I/p	GiK_U24	T1A_U16
U_03	A student can apply appropriate statistical models during completing property valuations.	I/p	GiK_U15	T1A_U08, T1A_U09
K_01	A student is aware and understands the effects of property valuation (which results in preparing valuation surveys) and the connected responsibility for the decisions made.	I/I/p	GiK_K05	T1A_K02
K_02	A student is aware of acting responsibly and according to the principles of professional ethics.	I/I/p	GiK_K02	T1A_K01, T1A_K02, T1A_K05, T1A_K07
K_03	A student can act in a resourceful and progressive manner.	I/I/p	GiK_K09	T1A_K06

Module content:

Topics to be covered in the lectures

No.	Topics	Module outcome code
1-2	Legal fundamentals of property valuations. Property Management Act, the Cabinet's Regulation on property valuation and preparing a valuation survey; Common National Valuation Principles.	W_01 W_02 K_01 K_02
3-4	Property market analysis; economic parameters.	W_02 W_03 K_01 K_03
5-6	Comparative approach (theoretical and practical aspects).	W_01 W_02 W_03
7-8	Income approach (theoretical and practical aspects).	W_01 W_02 W_03



9-10	Cost approach (theoretical and practical aspects).	W_01 W_02 W_03
11-12	Mixed approach (theoretical and practical aspects).	W_02 W_03
13	The valuation of agricultural and forest properties.	W_02 W_03
14-15	Special property valuation. Professional activity of certified property valuers.	W_02 W_03

Topics to be covered in the laboratories

No.	Topics	Module outcome code
1-2	Comparative approach as regards property valuation. Statistical analysis method as regards the market. The method of pairwise comparison; the methods of correcting mean price.	U_02 U_03
3	Income approach of property valuation. The investment method and the profit method.	U_01 U_02 U_03
4-5	Cost approach: the method of reproduction costs; a detailed technique; the technique of integrated elements; the indication technique; the method of replacement costs.	U_01 U_02 U_03
6	Mixed approach: the residual method; the method of liquidation costs; the method of soil estimation indicators.	U_01 U_02 U_03
7-8	The principles of preparing a valuation survey. Obtaining a credit for laboratory classes.	U_01 U_02 U_03 K_01 K_02 K_03

Teaching contents as regards project classes

No.	Topics	Module outcome code
1	Comparative approach in property valuation: the method of market statistical analysis.	U_02 U_03
2-3	Income approach of property valuation. The method of simple capitalisation. The technique of discounting streams of incomes.	U_01 U_02 U_03
4	Cost approach: a detailed technique; the technique of integrated elements; the indicator technique.	U_01 U_02 U_03
5-6	Mixed approach: the residual method; the method of liquidation costs; the method of soil estimation indicators.	U_01 U_02 U_03
7-8	The principles of preparing a valuation survey. Obtaining a credit for laboratory classes.	U_01 U_02 U_03 K_01 K_02 K_03

Assessment methods

Module outcome code	Assessment methods <i>(Method of assessment; for module skills – reference to specific project, laboratory and similar tasks)</i>
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K_01, K_02, K_03	A discussion with students during the classes.
U_01, U_02, U_03,	Project assessment.
W_01, W_02, W_03,	Written tests and an examination.

- STUDENT LEARNING ACTIVITIES**

ECTS credit points		
	Type of learning activity	Study time/ credits
1	Contact hours: participation in lectures	30
2	Contact hours: participation in classes	
3	Contact hours: participation in laboratories	15
4	Contact hours: attendance at office hours (2-3 appointments per semester)	3
5	Contact hours: participation in project-based classes	15
6	Contact hours: meetings with a project module leader	
7	Contact hours: attendance at an examination	2
8		
9	Number of contact hours	65 <i>(sum)</i>
10	Number of ECTS credits for contact hours <i>(1 ECTS credit =25-30 hours of study time)</i>	2.6
11	Private study hours: background reading for lectures	10
12	Private study hours: preparation for classes	
13	Private study hours: preparation for tests	10
14	Private study hours: preparation for laboratories	10
15	Private study hours: writing reports	
16	Private study hours: preparation for a final test in laboratories	
17	Private study hours: preparation of a project/a design specification	15
18	Preparing for an examination	15
19		
20	Number of private study hours	60 <i>(sum)</i>
21	Number of ECTS credits for private study hours <i>(1 ECTS credit =25-30 hours of study time)</i>	2.4
22	Total study time	125
23	Total ECTS credits for the module <i>(1 ECTS credit =25-30 hours of study time)</i>	5



2	Number of practice-based hours	30
4	<i>Total practice-based hours</i>	
2	Number of ECTS credits for practice-based hours	1.2
5	<i>(1 ECTS credit =25-30 hours of study time)</i>	

E. READING LIST

References	-
Module website	<ol style="list-style-type: none">1. EUR-Lex Access to European Union law: http://eur-lex.europa.eu/homepage.html?locale=en2. The polish law collection: http://www.polishlaw.com.pl/index.php/en/3. Bieda, A. (2009). Principles of calculating the cadastral value. Geomatics and Environmental Engineering, 3, 11-23.4. Bieda, A. (2008). Valuation of fixed assets for accounting purposes. Geomatics and Environmental Engineering, 2, 13-19.