

Faculty of Civil and Environmental Engineering					
Study programme:	<b>Spatial management</b>		Degree level: full-time/part-time programme:	<b>Master's degree full-time programme</b>	
Specialization	Diploma path: -				
Module name:	<b>Real Estate Cadastre</b>				
Module type:	<b>obligatory</b>	Semester: <b>3</b>	ECTS <b>3</b>	Module ID: <b>GPS3228A</b>	
No. of hrs in semester:	L - 15	C -	LC-	P-	SW- 30 S-
Prerequisites:	<i>Complete with prerequisites or "-"</i>		Real estate management		
Teaching methods:	<i>lecture, specialization workshop</i>	Assessment:	<i>Evaluation must be relevant to the intended learning outcomes</i>		
		lecture - written test; project - completion, presentation and discussion of the project			
Aims and objectives:	<i>To familiarize students with the principles of creating, sharing and updating of descriptive and graphical cadastral of real estate in Poland and other countries, the use of databases of the land and buildings in the management of space using numerical methods. To familiarize students with the main objectives and principles of universal taksacji real estate, construction of databases on the cadastral value of the property, drivers of this value and the value of being in the real estate</i>				
Module content:	<i>The genesis of the real estate cadastre as wielding status register . The design of the real estate cadastre in the Second Republic. Records of land in the postwar period until 1989 . Contemporary records of land and buildings - design resource , its conduct , the principles of sharing and updating. Subject and object of registration of land . Overview of modern cadastral of real estate in selected countries . Common taxation of real estate - the objectives and principles of the method of construction. Factors affecting the estimation of the cadastral value. Methods and instruments reconstruction of the spatial structure and ownership status of the property. The influence of rebuilding state structures and ownership of real estate on the cadastral value . Getting Acquainted with the example of land registry and land registry map . Implementation of the Land Registry portion of the object in an accessible computer system or the traditional version . Execution portion of the cadastral map in the available computer program . Getting Acquainted with exemplary register of buildings. The preparation of fragment register of buildings. Analysis of spatial characteristics affecting the cadastral value of the property to the example chosen for agricultural real estate , forestry and built . Mapping the cadastral value of the selected portion of the space. Estimating the impact of rebuilding state structures and ownership of real estate and the development of technical infrastructure utilities on the cadastral value of the selected example.</i>				
Learning outcomes	<i>Write min. 4, max. 8 learning outcomes in the following order: knowledge - skills - competences. Each learning outcome must be verifiable.</i>			Relevance to the programme learning outcomes	
LO1	It has an elementary knowledge and different types of social structures and institutions of social life and relationships occurring between them, and also a basic knowledge of sociology; It has an elementary knowledge of designing and conducting research in the field of social and economic, in particular research problems, methods, techniques and research tools; It has a basic knowledge of the socio-cultural determinants of spatial management			K_W04	
LO2	He knows the basic terminology and procedures in the subjects implemented under the legal sciences, understand their source and application in practice; It has a basic knowledge of the structure and function of the legal system, its purposes, foundations, organization and functioning; He knows the essence and the legal and economic conditions of the functioning of the local government and the local economy.			K_W06	

LO3	It has a structured knowledge on the economic advantages of space and the rational management of space management.	K_W07	
LO4	It has a basic knowledge of surveying and mapping (eg on spatial reference systems and methods of data collection); It has a structured knowledge on the use of analogue maps and numerical solving spatial tasks); It has a basic knowledge of geographical spatial information systems (in particular the creation of spatial databases and spatial analysis)	K_W12	
LO5	Can obtain information from literature, databases, and other sources; able to integrate the information obtained, to make their interpretation, as well as draw conclusions and formulate and justify opinions	K_U01	
LO6	He can use known mathematical and statistical methods to analyze and evaluate data related to the area of spatial planning; Has the ability to mathematically describe the issues and various dynamic processes in the field of spatial planning; Can make use of statistical tools for research related to spatial planning	K_U19	
LO7	Understands the need for learning throughout life, especially in order to improve their professional competence and personal	K_K01	
LO8	Responsibly preparing to perform an important role in society, develops and performs tasks in the work; Able to contribute to the preparation of social projects, taking into account the legal, economic and political	K_K05	
student workload	lecture attendance	1 x 15h	15
	participation in classes, laboratory classes, etc.	2 x 15h	30
	preparation for classes, laboratory classes, projects, seminars, etc.		10
	work on projects, reports, etc.		5
	participation in student-teacher sessions related to the class / seminar / project		5
	implementation of project tasks		5
	preparation for and participation in exams/tests		5
			TOTAL:
quantitative indicators	Student workload - activities that require direct teacher participation	50	ECTS 1,5
	Student workload - practical skills activities	60	1,5
basic references:	Rozporządzenie Ministra Rozwoju regionalnego i Budownictwa z dnia 29 marca 2001 r w sprawie ewidencji gruntów i budynków (Dz. U. z 2001 r. i Nr 38 poz. 454) Instrukcja Techniczna G-5 Ewidencja gruntów i budynków		
supplementary references:	Wilkowski W., Jaroszewska M.: Kataster nieruchomości. Przepisy prawa i komentarze; Wilkowski W. i współaut.: Współczesne problemy katastru i gospodarki nieruchomościami; Kucharska - Stasiak E.: Nieruchomość a rynek, Wydaw. Naukowe PWN, Warszawa 2005; Malina R., Kowalczyk M.: Geodezja katastralna, Wyd. Gall, Katowice 2009		
learning outcomes	<i>methods of assessing learning outcomes</i>	type of class (if more than one) where the outcomes are assessed	
LO1	evaluating the student's reports and preparation for the classes	L, SW	
LO2	evaluating the student's reports and preparation for the classes , tests on lecture content	L, SW	

LO3	evaluating the student's reports, tests on lecture content	SW
LO4	evaluating the student's reports, tests on lecture content	SW
LO5	evaluating the student's reports and performance in classes	SW
LO6	discussion of the student's reports, evaluation of the student's performance in classes	SW
LO7	discussion of the student's reports, evaluation of the student's performance in classes	SW
LO8	discussion of the student's reports, evaluation of the student's performance in classes	SW
Department:	Establishment of Spatial Information	Group instructors: ing. W. Łupiński, PhD; ing. Ł.Kolendo, MSc
Date:	5.03.2014	Coordinator: ing. Waldemar Łupiński, PhD

L - lecture    C - class    LC - laboratory class    P-project  
SW - specialization workshop    S - seminar