

Faculty of Civil and Environmental Engineering				
Study programme:	Spatial Economy		Degree level: full-time/part-time programme:	Master's degree
Specialization:	Real Estate Management		Diploma path:	-
Module name:	Computer-Aided Property Management		Module ID:	GPS3233
Module type:	obligatory	Semester: 3	ECTS	2
No. of hrs in semester:	L - 0	C- 0	LC- 0	P- 0 SW- 30 S- 0
Prerequisites:	-			
Aims and objectives:	Students learn how to use property management software. Moreover, students get familiar with the benefits of the implementation of computer programs in property management.			
Teaching methods:	Specialization workshop - written test			
Module content:	The issue of right preparation the company for applying property management software. Presentation of examples computer programs assisting the property management, as regards: register of resource, exploitation service of real estate, technical services, financial service and others.			
Learning outcomes:	<i>Write min. 4, max. 8 learning outcomes in the following order: knowledge-skills-competences. Each learning out come must be verifiable.</i>		<i>Relevance to the programme learning outcomes</i>	
LO1	student defines and identifies different types of work of property management which can be assisted by computer systems		K_W05, K_U01	
LO2	student collects the necessary information in the management with computer assisting		K_W03, K_W05, K_U01, K_U09	
LO3	student prepares tasks and use software to solve them		K_U02, K_U20	
LO4	student presents achieved results using modern software		K_U02	
LO5	student works in the group taking different roles		K_K03	
Student workload	participation in specialization workshop		15 x 2h	30
	preparation for classes		15 x 1h	15
	participation in consultations			5
	preparation for exams			5
			TOTAL:	55
Quantitative indicators	Student workload - activities that require direct teacher participation		35	ECTS 1,5
	Student workload - practical skills activities		55	2

basic references:	1. Bąkiewicz T., Kawecki R., Szczubelak M., „Informatyka w zarządzaniu nieruchomościami”, Sorus, Poznań 2006.		
supplementary references	1. M. Bryx (red.): Podstawy zarządzania nieruchomością, POLTEXT, Warszawa 2001 2. S. Belniak, M. Wierzchowski: Źródła informacji o nieruchomościach, Małopolska WSE, Tarnów 2005 3. R. Krupski (red.): Zarządzanie strategiczne. Koncepcje i metody, AE, Wrocław 2001		
learning outcomes	methods of assessing learning outcomes	type of class (if more than one) where the outcomes are assessed	
LO1	observation of the work on the class, documentation, discussion on the project/analysis of collected documentation	SW	
LO2	observation of the work on the class, documentation, discussion on the project/analysis of collected documentation	SW	
LO3	presentation the next stages of the project with the use available software	SW	
LO4	perform of the work and presentation of the result	SW	
LO5	perform of the work in the team according to the schedule and specific role	SW	
Department:	Zakład Informacji Przestrzennej	Group instructors:	dr Elżbieta Gołąbeska mgr Teresa Tomkiel
Date:	01.03.2014	Coordinator:	dr Elżbieta Gołąbeska