

## Module description (syllabus): Knowledge Management and Decision Making for Managers

Module title:	<b>Knowledge Management and Decision Making for Managers</b>	<b>ECTS</b>	<b>3</b>
Module title translation:	Knowledge Management and Decision Making for Managers		
Module for study direction:	<b>Logistyka</b>		

Module language: <b>angielski</b>		Study level: <b>2</b>	
Study cycle: <b>stacjonarne</b>	Module status: <b>kierunkowy - do wyboru</b>	Semester number: <b>semestr letni</b>	
Academic Year from which module description is valid :		<b>2020/2021</b>	Catalogue number: <b>EKR-L-2SZ-X-60-KF-2020</b>

Person in charge of the module:	<b>prof. Josu Takala</b>		
Teachers responsible for classes:			
Unit responsible for the module:	<b>profesor wizytujący</b>		
Faculty in charge:	<b>Wydział Ekonomiczny</b>		
Objectives of the module:	<p>a. The objective of this course is to introduce the students how to integrate technology, knowledge and operations strategies with business strategies to achieve Sustainable Competitive Advantage SCA by quantifying qualitative expert opinions and by utilizing analytical models for operations, technology and knowledge (having basic, core and spearhead levels) strategies, for critical (resource) factor indexes and for sustainable competitive advantage.</p> <p>b. Comparative case and survey studies from some other countries from Asia to Europe will also be utilized. How the comparisons between qualitative and quantitative analyses can be interpreted? How students with their research teams from different fields of science could study and publish together to learn more?</p> <p><b>Lectures</b> The course will include Research based learning (RBL) guidance, the basic theories and analytical models developed on operations, technology/knowledge strategies and SCA modeling, and a couple of interesting exercises in small groups of students by utilizing decision making techniques like analytical hierarchy process (AHP), sense and respond resource allocation with critical factor index theories, and operative SCA models to implement business strategies in a sustainably competitive and in a relevant manner in the current turbulent business environments.</p> <p><b>Classes</b></p>		
Teaching forms and number of hours:	<p>a. lectures - no of hours: full time study: 20, part-time study. 12</p> <p>b. classes - no of hours: full time study: 10, part-time study. 4</p>		
Teaching methods:	discussion, research project, problem solving, source texts analysis, consultation with the lecturer, case study		
Initial requirements and formal prerequisites:			
Learning outcomes:	<p><b>Knowledge - knows and understands:</b></p> <p>1. A graduate knows and understands at an advanced level the effects of processes at the level of the economy and enterprise as well as the principles of creating and developing forms of individual entrepreneurship using the knowledge of economic sciences</p>	<p><b>Skills - can:</b></p> <p>2. A graduate is able to interact and work in a group, also taking a leading role and managing the work of a team of economists and people from other fields, including elaboration of economic and interdisciplinary projects</p>	<p><b>Competences - is ready for:</b></p> <p>3. A graduate is ready to critically evaluate own knowledge and information received in the field of economic issues, recognize of the importance of knowledge in professional life and consulting experts</p>
Assessment methods:	evaluation of the presentation during the class (effects: 2), assessment of the project work (effects: 1,3)		
Formal documentation of the learning outcome:	projects		
Elements of the final grade and their weights:	evaluation of the presentation during the class - 50%, assessment of the project work - 50%		
Place of teaching:	lecture room		

Teaching materials (obligatory and additional):

1. <http://mper.org/mper/images/archiwum/2013/nr4/4-koskinen.pdf>
2. <http://mper.org/mper/images/archiwum/2013/nr4/8-sillanpaa.pdf>
3. <http://mper.org/mper/images/archiwum/2014/nr4/5-nikookar.pdf>
4. <http://mper.org/mper/images/archiwum/2014/nr2/9-takala.pdf>
5. <http://mper.org/mper/images/archiwum/2014/nr1/9-vuoti.pdf>
6. <http://mper.org/mper/images/archiwum/2015/nr3/2-imeri.pdf>
7. <http://mper.org/mper/images/archiwum/2015/nr4/8-malek.pdf>
8. <http://mper.org/mper/images/archiwum/2016/nr1/9-timilsina.pdf>

Remarks:

+, ver-lwlw/ MEO/Erasmus

**Quantitative indicators describing the module:**

Estimated total number of student work hours (contact and own work) necessary to achieve the learning outcomes assumed for the module - on this basis, complete the ECTS field:	<b>80/0</b>
The total number of ECTS points which the student receives in module requiring direct participation of academic teachers or other persons:	<b>1.6/0 ECTS</b>

**Table of compliance of the directional learning outcomes with the effects of the module**

Outcome category	Learning outcomes for module:	Reference to effects for the study program for the direction of study	The impact of classes on the directional effect*)
Knowledge	1. A graduate knows and understands at an advanced level the effects of processes at the level of the economy and enterprise as well as the principles of creating and developing forms of individual entrepreneurship using the knowledge of economic sciences	L2_KW05	1
Skills	2. A graduate is able to interact and work in a group, also taking a leading role and managing the work of a team of economists and people from other fields, including elaboration of economic and interdisciplinary projects	L2_KU06	3
Competences	3. A graduate is ready to critically evaluate own knowledge and information received in the field of economic issues, recognize of the importance of knowledge in professional life and consulting experts	L2_KK01	1

\*) 3 - advanced and detailed, 2 - significant, 1 - basic