

Module description (syllabus): Zastosowanie excela do finansów przedsiębiorstw

Module title:	Zastosowanie excela do finansów przedsiębiorstw	ECTS	5
Module title translation:	Excel applications for corporate finance		
Module for study direction:	Erasmus		

Module language: angielski		Study level: 2	
Study cycle: stacjonarne	Module status: kierunkowy - do wyboru	Semester number: 4 semestr letni	
Academic Year from which module description is valid :		2020/2021	Catalogue number: EKR-E-2S-4-22-KF-2020-ERA

Person in charge of the module:	Katarzyna Czech, dr		
Teachers responsible for classes:			
Unit responsible for the module:	Katedra Ekonometrii i Statystyki		
Faculty in charge:	Wydział Ekonomiczny		
Objectives of the module:	<p>a.evaluating investment projects, b.valuation of stocks, bonds and derivative instruments by using financial functions in Excel, c.building a diversified investment portfolio</p> <p>Lectures The course provides practical knowledge of financial management of companies with special attention to financial markets, risk and returns and portfolio analysis. Course contents: time value of money, investments selection, valuing the stocks, bonds and derivative instruments by using financial functions in Excel, risk and cost of capital, managing the value of companies, managing investment risk, building a diversified investment portfolio</p> <p>Classes The course provides some training in applying Excel in solving the problems related to corporate finance. Students will focus on practical case studies and solving different business problems by using Excel. Computer classes content: time value of money, investments selection, valuing the stocks, bonds and derivative instruments by using financial functions in Excel, managing investment risk, building a diversified investment portfolio.</p>		
Teaching forms and number of hours:	<p>a. lectures - no of hours: full time study: 10, part-time study. 0 b. classes - no of hours: full time study: 20, part-time study. 0</p>		
Teaching methods:	discussion, research project, consultation with the lecturer, lectures, individual student projects		
Initial requirements and formal prerequisites:	Finance, Economics, Informatics		
Learning outcomes:	<p>Knowledge - knows and understands:</p> <p>1. Students understand the concept of time value of money 2. Students know how to value financial instruments such as bonds and shares</p>	<p>Skills - can:</p> <p>3. Students can apply basic descriptive statistics to build diversified investment portfolio 4.Students can frame research problem and find empirical data</p>	<p>Competences - is ready for:</p> <p>5. Students are able to verbalize ideas, listen to one another and present their project's results</p>
Assesment methods:	evaluation of the presentation during the class (effects: 5), evaluation of the work done as part of the student's own work (effects: 1,2), assessment of the project work (effects: 3,4)		
Formal documentation of the learning outcome:	tests, exams projects, individual student's projects		
Elements of the final grade and their weights:	evaluation of the presentation during the class - 10%, evaluation of the work done as part of the student's own work - 55%, assessment of the project work - 35%		
Place of teaching:	computer lab		

Teaching materials (obligatory and additional):

1. Ross, Westerfield, Jaffe&Jordan, Modern Financial Management, McGraw Hill
2. Holden C. W., Excel Modeling in Corporate Finance, Prentice Hall
3. Ross, Westerfiels&Jaffe, Corporate Finance, McGraw Hill/Irwin
4. Moles P., Fundamentals of Corporate Finance, John Wiley & Sons
5. Berk J., DeMarzo P., Corporate Finance, Pearson International Edition

Remarks:

Semester: summer (maximum number of students per semester: 16-18)+, ver-lw

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:	120/0
The total number of ECTS points which the student receives in module requiring direct participation of academic teachers or other persons:	1.6/0 ECTS

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. Students understand the concept of time value of money	EK2_KW03	2
	2. Students know how to value financial instruments such as bonds and shares	EK2_KW03	3
Skills	3. Students can apply basic descriptive statistics to build diversified investment portfolio	EK2_KU01, EK2_KU02	3
	4. Students can frame research problem and find empirical data	EK2_KU02	2
Competences	5. Students are able to verbalize ideas, listen to one another and present their project's results	EK2_KK01	1

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