

## Module description (syllabus): Budżetowanie i modelowanie finansowe

Module title:	<b>Budżetowanie i modelowanie finansowe</b>	<b>ECTS</b>	<b>4</b>
Module title translation:	Budgeting and financial modeling		
Module for study direction:	<b>Ekonomia</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>3</b> <b>semestr zimowy</b>	
Academic Year from which module description is valid :		<b>2020/2021</b>	Catalogue number: <b>EKR-E-2S-3-37-KF-2020-EN</b>

Person in charge of the module:	<b>Serhiy Zabolotnyy, dr</b>		
Teachers responsible for classes:	<b>Serhiy Zabolotnyy</b>		
Unit responsible for the module:	<b>Katedra Finansów</b>		
Faculty in charge:	<b>Wydział Ekonomiczny</b>		
Objectives of the module:	<p>a.Present the theoretical framework of financial management in business entities b.Introduce practical instruments for capital budgeting and short-term financial planning c.Present models of business valuation</p> <p><b>Lectures</b> The theoretical part of the class will include the following topics: Financial Statements and Ratio Analysis; Long-term Financial Plans, Operating Plans and Budgets, Cash and Profit Planning, Cash Budgets, Pro Forma Financial Statements; Capital Budgeting Techniques; Relevant Cash Flows, Initial Investment, Operating Cash Flow, Terminal Cash Flow, Forecasting Earnings, Revenue and Cost Estimates, Determining Free Cash Flow, Adjusting a Free Cash Flow, Project Analysis; Leverage and Capital Structure, Cost of Capital, Optimal Capital Structure, The Cost of Bankruptcy and Financial Distress, Capital Budgeting and Valuation with Leverage; Working Capital and Assets Management, Net Working Capital, Inventory and Receivables Management, Current Liabilities Management, Cash conversion cycle; Valuation Using Comparables, The Business Plan, Building the Financial Model, Estimating the Cost of Capital, Valuing the Investment, Sensitivity analysis.</p> <p><b>Classes</b></p>		
Teaching forms and number of hours:	a. lectures - no of hours: full time study: 30, part-time study. 0		
Teaching methods:	discussion, problem solving, lectures, case study, individual student projects		
Initial requirements and formal prerequisites:	Corporate Finance, Accounting		
Learning outcomes:	<p><b>Knowledge - knows and understands:</b></p> <p>1. Students can define the role of managerial finance and budgeting process in a business entity. 2. Students have a knowledge on the capital budgeting techniques, cash flow budgeting, leverage and capital structure planning, and working capital management for purposes of business valuation and financial modeling.</p>	<p><b>Skills - can:</b></p> <p>3. Students can solve complex problems on financial management, capital budgeting, long-term and short-term financial planning, and risk management. 4. Students can prepare complex financial models for purposes of business valuation.</p>	<p><b>Competences - is ready for:</b></p> <p>5. Students effectively present arguments on application of budgeting techniques and other instruments of financial management in business entities. 6. Students are prepared to participation in the process of financial planning and modeling using high standards of business ethics and sustainability.</p>
Assesment methods:	writing exam (efekty: 1,2), evaluation of the presentation during the class (effects: 3,4), evaluation of the work done as part of the student's own work (effects: 3,4), assessment of activities during classes (effects: 5,6)		
Formal documentation of the learning outcome:	tests, exams projects		
Elements of the final grade and their weights:	writing exam - 50%, evaluation of the presentation during the class - 20%, evaluation of the work done as part of the student's own work - 20%, assessment of activities during classes - 10%		
Place of teaching:	auditorium		

Teaching materials (obligatory and additional):
1. Gitman L.J., Zutter C.J., 2015: Principles of Managerial Finance, Pearson. 2. Berk J., DeMarzo P. Jordan B.D., 2017: Corporate Finance, Pearson.
Remarks: +, ver-lw

<b>Quantitative indicators describing the module:</b>	
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>92/0</b>
The total number of ECTS points which the student receives in module requiring direct participation of academic teachers or other persons:	<b>1.28/0 ECTS</b>

<b>Table of compliance of the directional learning outcomes with the effects of the module</b>			
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 can define the role of managerial finance and budgeting process in a business entity.	EK2_KW01	3
	2. Students have a knowledge on the capital budgeting techniques, cash flow budgeting, leverage and capital structure planning, and working capital management for purposes of business valuation and financial modeling.	EK2_KW03	3
Skills	3. Students can solve complex problems on financial management, capital budgeting, long-term and short-term financial planning, and risk management.	EK2_KU01	2
	4. Students can prepare complex financial models for purposes of business valuation.	EK2_KU02	2
Competences	5. Students effectively present arguments on application of budgeting techniques and other instruments of financial management in business entities.	EK2_KK01	2
	6. Students are prepared to participation in the process of financial planning and modeling using high standards of business ethics and sustainability.	EK2_KK03	2

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