

FACULTY of Computer Science and Management

**SUBJECT CARD****Name in Polish Zarzadzanie finansami****Name in English Financial Management****Main field of study (if applicable): Management****Specialization (if applicable): Organizational Management****Level and form of studies: 1st level, full-time****Kind of subject: obligatory****Subject code FBZ1153****Group of courses NO**

	Lecture	Classes	Laboratory	Project	Seminar
Number of hours of organized classes in University (ZZU)	<b>30</b>	<b>15</b>			
Number of hours of total student workload (CNPS)	<b>60</b>	<b>30</b>			
Form of crediting	<b>crediting with grade</b>	<b>crediting with grade</b>			
For group of courses mark (X) final course					
Number of ECTS points	<b>2</b>	<b>1</b>			
including number of ECTS points for practical (P) classes		<b>1</b>			
including number of ECTS points for direct teacher-student contact (BK) classes	<b>1</b>	<b>0,5</b>			

\*delete as applicable

**PREREQUISITES RELATING TO KNOWLEDGE, SKILLS AND OTHER COMPETENCES**

1. Knowledge of basic organizational and legal forms of organization
2. Basic knowledge of financial reporting
3. The ability to make simple mathematical calculations

**SUBJECT OBJECTIVES**

C1 Understanding the sources of funding of the organization

C2 Knowing valuation methods chosen forms of financing

C3 Knowledge of methods for estimating the efficiency of investment decisions

**SUBJECT EDUCATIONAL EFFECTS**

relating to knowledge:

PEK\_W01 Knows the subject of time value of money

PEK\_W02 Knows financial sources of the organization

PEK\_W03 Understands the subject of cost capital valuation models

relating to skills:

PEK\_U01 Can calculate the future and present value of money

PEK\_U02 Can use cost capital valuation models

PEK\_U03 Can evaluate financial performance of investments

relating to social competences:

PEK\_K01 Is aware of influence of time value of money, cost of capital and risk on management decisions

### PROGRAMME CONTENT

<b>Form of classes - lecture</b>		<b>Number of hours</b>
Lec 1	Introduction. The concept of financial management and value for the organization	2
Lec 2	Introduction to the modeling of time value of money	2
Lec 3	Models of the present and the future value of money	2
Lec 4	Models of the present and the future value of annuity	2
Lec 5	Classification of financial sources of the organization	2
Lec 6	Cost and risk of debt and equity financing	2
Lec 7	Share pricing models- dividend models	2
Lec 8	Share pricing models – models of stable profit growth	2
Lec 9	Bond pricing models	2
Lec 10	Cost of capital valuation model of organization	2
Lec 11	The risk of some forms of financing and its measurement	2
Lec 12	Introduction to the market valuation of the risk - CML model	2
Lec 13	Real investments in the company	2
Lec 14	Introduction to assessing financial performance of investments	2
Lec 15	Test	2
	<b>Total hours</b>	<b>30</b>
<b>Form of classes - class</b>		<b>Number of hours</b>
Cl 1	Introduction. Interest rates on loans.	2
Cl 2	Calculation of the future and the present value of money. Cost-effectiveness study of deposits and credit costs	2
Cl 3	Calculation of the annuity. Repayment of loans by the classical method and equal payments	2
Cl 4	Calculation of share price-dividend method	2
Cl 5	Calculation of the share price - constant growth dividend method	2
Cl 6	Bond price calculation	2
Cl 7	WACC calculation	2
Cl 8	Test	1
	<b>Total hours</b>	<b>15</b>
<b>Form of classes - laboratory</b>		<b>Number of hours</b>
Lab 1		
Lab 2		
Lab 3		

	Total hours	
<b>Form of classes - project</b>		<b>Number of hours</b>
Proj 1		
Proj 2		
Proj 3		
	Total hours	
<b>Form of classes - seminar</b>		<b>Number of hours</b>
Sem 1		
Sem 2		
Sem 3		
	Total hours	
<b>TEACHING TOOLS USED</b>		
N1.Multimedial lecture		
N2.Problems resolving		
N3.Calculation exercises		

**EVALUATION OF SUBJECT EDUCATIONAL EFFECTS ACHIEVEMENT**

<b>Evaluation</b> (F – forming (during semester), P – concluding (at semester end))	<b>Educational effect number</b>	<b>Way of evaluating educational effect achievement</b>
P1	PEK_W01 ÷ PEK_W03, PEK_U01, PEK_U02, PEK_K01	Test
P2	PEK_W01 ÷ PEK_W03, PEK_U01, PEK_U02, PEK_K01	Test
C		

**PRIMARY AND SECONDARY LITERATURE**

**PRIMARY LITERATURE:**

- [1] FINANCIAL Management : Theory and Practice / Eugene F. Brigham, Michael C. Ehrhardt. - 11 ed.. - Mason : Thomson : South-Western Cengage Learning, 2005
- [2] CONTEMPORARY Corporate Finance / James R. McGuigan, William J. Kretlow, R. Charles Moyer. - 11 ed., internat. student ed.. - Mason : South-Western Cengage Learning : Thomson, 2009.
- [3] INTERMEDIATE Financial Management / Eugene F. Brigham, Louis C. Gapenski. - 5 ed.. - Fort Worth : The Dryden Press : Harcourt Brace College Publishers, c. 1996

**SECONDARY LITERATURE:**

- [1] CAPITAL budgeting and investment analysis / Alan C. Shapiro. - Upper Saddle River : Pearson Education, c. 2005..
- [2] Levy H., Sarnat M., *Capital investment and Financial Decisions*, Prentice Hall, Hertfordshire, 1994
- [3] LUMBY S., *Investment Appraisal and Financial Decisions*, London, Chapman & Hall, 1996
- [4] WILIMOWSKA Z., WILIMOWSKI M., *Sztuka zarządzanie finansami.*, Bydgoszcz, TNOiK OPO, 2001

**SUBJECT SUPERVISOR (NAME AND SURNAME, E-MAIL ADDRESS)**

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MATRIX OF CORRELATION BETWEEN EDUCATIONAL EFFECTS FOR SUBJECT  
**Financial Management**  
AND EDUCATIONAL EFFECTS FOR MAIN FIELD OF STUDY **Management**  
AND SPECIALIZATION **Organizational Management**

Subject educational effect	Correlation between subject educational effect and educational effects defined for main field of study and specialization (if applicable)**	Subject objectives***	Programme content***	Teaching tool number***
<b>PEK_W01 (knowledge)</b>	K1_ZARZ_W11	C1, C2, C3	Lec1÷Lec4, C11÷C13	N1, N2, N3
<b>PEK_W02 (knowledge)</b>	K1_ZARZ_W11	C1, C2, C3	Lec5÷Lec9, C14÷C6	N1, N2, N3
<b>PEK_W03 (knowledge)</b>	K1_ZARZ_W11	C1, C2, C3	Lec10÷Lec14, C7	N1, N2, N3
<b>PEK_U01 (skills)</b>	K1_ZARZ_U15, K1_ZARZ_U16	C1, C2, C3	Lec1÷Lec4, C11÷C13	N1, N2, N3
<b>PEK_U02 (skills)</b>	K1_ZARZ_U15, K1_ZARZ_U16	C1, C2, C3	Lec5÷Lec9, C14÷C6	N1, N2, N3
<b>PEK_U03 (skills)</b>	K1_ZARZ_U15, K1_ZARZ_U16	C1, C2, C3	Lec10÷Lec14, C7	N1, N2, N3
<b>PEK_K01 (competences)</b>	K1_ZARZ_K01	C1, C2, C3	Lec1÷Lec14, C11÷C17	N1, N2, N3

\*\* - enter symbols for main-field-of-study/specialization educational effects

\*\*\* - from table above