

Course description

Course name		English Language				Course code		
Major		Finance and Accounting						
Profile		Practical						
Level of studies		First-cycle studies						
Specialization		Course common for all specializations						
Form of studies		Full-time studies						
Semester		V				Language of instruction		English
Prerequisites for the course						Basic courses		N
Form of crediting		examination		Number of ECTS points: 2				Methods of assessment
Form of classes and other		Number of hours in semester		Total	2	direct contact classes	practical classes	
		Total	Student's workload	Direct contact	Verification of teaching effects			Importance in %
Laboratory		35	5	30	- speaking activities, homework assignments: lexical and grammar practice, faculty based multimedia presentations on popular academic topics, mid-term and end-of-term tests			100%
Total number of hours:					Total:			100%
Categories of teaching effects	No.	Course teaching effects			Methods of teaching effects verification	Major-related effects	Area based effects	Forms of realization
Skills	1.	Student: - can engage in social conversations on professional issues, express his/her opinion, give and ask for advice, make suggestions showing quite a high level of fluency, spontaneity and correctness			Communicative class activities	K1_U18+	S1A_U11+	L
	2.	- can understand other people's opinions and speakers' attitudes, can understand radio documentaries recorded in the standard language form, can also define the speaker's mood, intentions, etc. understands live interviews, talk shows and most films			Listening comprehension tests	K1_U18+	S1A_U11+	L

	3.	- can write a grammatically and stylistically correct film review as well as essays on variety of topics, can write a "for-and-against" essay, is able to handle professional routine correspondence	Writing class assignments, Home assignments	K1_U18+	S1A_U11+	L
	4.	- is able to read and understand different types of texts and look up important information, can understand informal letters, distinguish between formal and informal styles and is able to deal with professional instruction manuals	Reading comprehension tests	K1_U18+	S1A_U11+	L

Course supervisors

Form of classes	Course supervisors
Laboratory	MSc Katarzyna Drabczyk, MSc Marcin Czarnobrewy, MSc Mariusz Kowalski, MSc Beata Lucjanek, MSc Joanna Nowicka, MSc Patrycja Twardowska

Teaching content

Laboratory		Teaching methods	
No.	Subject area		Number of hours
1.	Shopping. Reported speech.		2
2.	Films. Passive voice.		2
3.	Heroes of modern times. Relative clauses.		2
4.	A film review. Giving and responding to good and bad news.		2
5.	Superstitions. Third conditional. Making adjectives and adverbs.		2
6.	Mysterious murders in history. Compound nouns. Question tags.		2
7.	Television. Phrasal verbs. Argumentative essay.		2
8.	Stock market. Stocks & Soares, investment.		2
9.	Company internal finance. Cash flow cycle.		2
10.	Profit & loss account. Income statement. An annual report.		2
11.	Forecasting in a company.		2
12.	Auditing.		2
13.	Insurance-types & terms.		2
14.	Risk management.		2
15.	Famous depressions in finance history.		2
Total no. of hours:			30

Primary literature:

1	Oxenden Clive, Latham-Koenig Christina. New English File Intermediate. Oxford: OUP, 2007
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Secondary literature:

1	Cotton D., Falrey D., Keny S., Market Leader. Harlow: Longman, 2000.
2	Dooley J, Evans V., Grammarway 3. Newbury: Express Publishing, 1999.

3	Flinders S., Test Your Business English. Harlow: Penguin Books, 2000.
4	Misztal M. Tests in English Thematic Vocabulary. Warszawa: WsiP, 1996
5	Murphy R. Essential Grammar in Use. Cambridge University Press, 2002.
6	Olejniak D., Repetytorium Leksykalne Poznań: Lektor Klett, 2005.
7	Oxford Wordpower. Słownik Angielsko Polski z indeksem polsko-angielskim. Oxford University Press, 1997. FG
8	Barbara & Marcin Otto, Here Is the News, Wydawnictwa Szkolne i Pedagogiczne 1995

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 Course co-ordinator

signature

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 Director of Institute

Seal and signature

Course description

Course name		German Language					Course code	
Major		Finance and Accounting						
Profile		Practical						
Level of studies		First-cycle studies						
Specialization		Course common for all specializations						
Form of studies		Full-time studies						
Semester		V				Language of instruction		German
Prerequisites for the course						Basic courses		N
Form of crediting		examination		Number of ECTS points: 2				Methods of assessment
Form of classes and other		Number of hours in semester		Total	2	direct contact classes	practical classes	
		Total	Student's workload	Direct contact	Verification of teaching effects			Importance in %
Laboratory		35	5	30	- speaking activities, homework assignments: lexical and grammar practice, faculty based multimedia presentations on popular academic topics, mid-term and end-of-term tests			100%
Total number of hours:					Total:			100%
Categories of teaching effects	No.	Course teaching effects			Methods of teaching effects verification	Major-related effects	Area based effects	Forms of realization
Skills	1.	Student: - can engage in social conversations on professional issues, express his/her opinion, give and ask for advice, make suggestions showing quite a high level of fluency, spontaneity and correctness			Communicative class activities	K1_U18+	S1A_U11+	L
	2.	- can understand other people's opinions and speakers' attitudes, can understand radio documentaries recorded in the standard language form, can also define the speaker's mood, intentions, etc. understands live interviews, talk shows and most films			Listening comprehension tests	K1_U18+	S1A_U11+	L
	3.	- can write a grammatically and stylistically correct film review as well as essays on variety of topics, can write a "for-and-against" essay, is able to handle professional routine			Writing class assignments, Home assignments	K1_U18+	S1A_U11+	L

		correspondence				
	4.	- is able to read and understand different types of texts and look up important information, can understand informal letters, distinguish between formal and informal styles and is able to deal with professional instruction manuals	Reading comprehension tests	K1_U18+	S1A_U11+	L

Course supervisors

Form of classes	Course supervisors
Laboratory	MSc Agnieszka Mikosz, MSc Mirosław Grudzień,

Teaching content

Laboratory		Teaching methods	
No.	Subject area		Number of hours
1.	Studies and internship abroad.		2
2.	The European Union. Institution. Euroregions.		2
3.	Money. Currency. Response to euro currency.		2
4.	Common Agricultural Policy. Organic farms.		2
5.	Bioethics. Cloning. Genetic engineering.		2
6.	Renewable sources of energy. Wind and solar power.		2
7.	Information and communication processes. Literature vs Internet.		2
8.	Microeconomy.		2
9.	Macroeconomy.		2
10.	Statistics.		2
11.	Public finance.		2
12.	Company finance.		2
13.	Insurance.		2
14.	Financial accounting.		2
15.	Financial analysis.		2
Total no. of hours:			30

Primary literature:

1	Mit Deutsch in Europa studieren arbeiten leben, Goethe Institut, Monachium 2004
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Secondary literature:

1	Übungsgrammatik Deutsch als Fremdsprache, Renate Luscher, Max Hueber Verlag
2	Großer Lernwortschatz Deutsch als Fremdsprache, Max Hueber Verlag

3	Język niemiecki, Repetytorium gramatyczne, Lektor Klett
4	Eine kleine Landeskunde der deutschsprachigen Länder, Stanisław Bęza

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Course co-ordinator

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Director of Institute

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Course description

Course name		Czech Language				Course code		
Major		Finance and Accounting						
Profile		Practical						
Level of studies		First-cycle studies						
Specialization		Course common for all specializations						
Form of studies		Full-time studies						
Semester		V				Language of instruction	Czech	
Prerequisites for the course						Basic courses	N	
Form of crediting		examination		Number of ECTS points: 2				Methods of assessment
Form of classes and other		Number of hours in semester		Total	2	direct contact classes	practical classes	
		Total	Student's workload	Direct contact	Verification of teaching effects			Importance in %
Laboratory		35	5	30	- speaking activities, homework assignments: lexical and grammar practice, faculty based multimedia presentations on popular academic topics, mid-term and end-of-term tests			100%
Total number of hours:					Total:			100%
Categories of teaching effects	No.	Course teaching effects			Methods of teaching effects verification	Major-related effects	Area based effects	Forms of realization
Skills	1.	Student: - can engage in social conversations on professional issues, express his/her opinion, give and ask for advice, make suggestions showing quite a high level of fluency, spontaneity and correctness			Communicative class activities	K1_U18+	S1A_U11+	L
	2.	- can understand other people's opinions and speakers' attitudes, can understand radio documentaries recorded in the standard language form, can also define the speaker's mood, intentions, etc. understands live interviews, talk shows and most films			Listening comprehension tests	K1_U18+	S1A_U11+	L

	3.	- can write a grammatically and stylistically correct film review as well as essays on variety of topics, can write a "for-and-against" essay, is able to handle professional routine correspondence	Writing class assignments, Home assignments	K1_U18+	S1A_U11+	L
	4.	- is able to read and understand different types of texts and look up important information, can understand informal letters, distinguish between formal and informal styles and is able to deal with professional instruction manuals	Reading comprehension tests	K1_U18+	S1A_U11+	L

Course supervisors

Form of classes	Course supervisors
Laboratory	PhD Ilona Gwóźdź-Szewczenko

Teaching content

Laboratory		Teaching methods	
No.	Subject area		Number of hours
1.	Pronouns in the locative (locating objects). Biographies of the famous people. Writing CVs.		2
2.	A conditional mood – making sentences. Polite expressions and phrases with the use of a conditional mood. The 'you should' construction.		2
3.	Degrees of comparison. Adjectives vs. Adverbs (comparison). Vocabulary: weather forecast. Pronouns in the dative. A verb + dative constructions.		2
4.	Writing letters, e-mails, text messages. Dialogues on the phone. Vocabulary: clothes. Expressing preferences (chutnat, mít rád, líbit se, milovat).		2
5.	The ablative case in the singular + pronouns. Means of transport. Interpersonal relations – a description of a character, advertisements.		2
6.	Constructions expressing commands, bans, orders. Road signs. The vocative. Specialist vocabulary: collocations, vulgarisms, phrases expressing feelings.		2
7.	Specialist vocabulary: Stylish types of the Czech language (colloquial style, speech style, office style, scientific style, and journalistic style).		2
8.	Microeconomy.		2
9.	Macroeconomy.		2
10.	Statistics.		2
11.	Public finance.		2
12.	Company finance.		2
13.	Insurance.		2
14.	Financial accounting.		2
15.	Financial analysis.		2
Total no. of hours:			30

Primary literature:

1	Lída Holá, <i>New Czech Step by Step</i> , Praha 2009.
2	Lída Holá, Pavla Bořilová, <i>Čeština expres 1</i> , Praha 2010.
3	Lída Holá, Pavla Bořilová, <i>Čeština expres 2</i> , Praha 2011.

4 Luttererová Jiřina, *Česká slovní zásoba a konverzační cvičení*, Praha 1994.

Secondary literature:

1	Lída Holá, Pavla Bořilová, <i>Česky krok za krokem 2</i> , Praha 2011.
2	Alena Nekovářová, <i>Čeština pro život</i> , Praha 2006.
3	<i>Slovník spisovné češtiny pro školu a veřejnost</i> , Praha 2005.
4	Helena Remediosová, Elga Čechová, <i>Chcete mluvit česky?</i> , Liberec 2002.

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Course co-ordinator

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Educational course description

Course name		Physical Education				Course code		
Major		Finance and Accounting						
Profile		Practical						
Level of studies		First level						
Specialization		Course common to all specializations						
Form of studies		Full-time						
Semester		V				Language of instruction		
Prerequisites for the course						Basic courses		N
Form of crediting						Number of ECTS points: 1		Methods of assessment
Form of classes		Number of hours per semester		Total	1	direct contact classes	practical classes	
		Total	Student's workload	Direct contact	Verification of learning outcomes			Weight in%
Classes		30		30	Observation, test of genera and specific fitness			100
Total hours:		30		30				Total: 100%
Categories of learning outcomes	No.	Course learning outcomes			Verification of learning outcomes	Major learning outcomes	Area learning outcomes	Forms of realization
Skills	1.	He has specialized movement skills from the range of selected forms of physical activity (leisure, health, sports and aesthetic) in the subjects of science and scientific disciplines relevant to the studied field of study.						C
Social competences	1.	The student understands the need of physical activity in life.			Active participation in class	K_K05 K_K06	H1A_K06	C
	2.	The student can cooperate with others.			Observation. Social reception of an individual in a group.	K_K01 K_K02	H1A_K02	C

Form of classes	Subject supervisor (tytuł/stopień naukowy, imię i nazwisko)	
Classes	MSc Roman Palacz, MSc Adam Wrona	
	Content of education	Number of hours
1.	General developmental exercises with elements of sport and recreation. Team sports, swimming, water rescue, athletics, rhythmic gymnastics, aerobics, volleyball, basketball, handball, hiking, climbing and cycling.	30
	Total hours:	30

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Koordynator modułu (przedmiotu)

podpis

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Dyrektor Instytutu

pieczęć i podpis

Educational course description

Course name		Protection of Intellectual Property			Course code				
Major		Finance and Accounting							
Profile		Practical							
Level of studies		First level							
Specialization		Course common to all specializations							
Form of studies		Full-time studies							
Semester		V			Language of instruction				
Prerequisites for the course					Basic courses		N		
Form of crediting		Credit with a grade		Number of ECTS points: 1			Methods of assessment		
Form of classes		Number of hours per semester		Total	1	direct contact classes		0,6	practical classes
		Total	Student's workload	Direct contact	Verification of learning outcomes				Weight in%
Lecture		25	10	15	Written test				100%
Total hours:		25	10	15	Total:				100%
Categories of learning outcomes	No.	Course learning outcomes			Verification of learning outcomes	Major learning outcomes	Area learning outcomes	Forms of realization	
Knowledge	1.	Student knows the legal basis of functioning of the state, economic and social organizations.			Written test	K1_W12+	S1A_W06+, S1A_W09+	L	
	2.	Student has knowledge about communicating information for the needs of the organization.			Written test	K1_W07+	S1A_W07+, S1A_W06+, +	L	
	3.	Student knows the basic concepts of protection of intellectual property (industrial property and copyright law). Understands the importance of this protection for innovative activity in the economy			Written test	K1_W18+	S1A_W10+	L	
Skills	1.	Student can choose the sources of information and use them to solve management problems in the organization and its functional areas..			Partial written tests, observation of the student's work during class, conversation	K1_U07+	S1A_U2+, S1A_U8+, +	L	

	2.	Student is able to use normative systems and the appropriate norms and standards (legal, professional, moral) in specific actions the organization	Partial written tests, observation of the student's work during class, conversation	K1_U10+	S1A_U5+, S1A_U3+, +	L
	3.	Student has the ability to prepare and use typical writings, literature analysis.	Partial written tests, observation of the student's work during class, conversation	K1_U16+	S1A_U9+, +	L
Social competences	1.	Student is able to interact and work in group and collective forms of work organization. He/she demonstrates a willingness to organize and direct the work of small teams.	observation of the student's work during class, conversation	K_K03+	S1A_K02+	L
	2.	The student demonstrates activity in their independent professional work.	observation of the student's work during class, conversation	K_K04+	S1A_K03+, S1A_K04+	L

Course name:		
Form of classes	Subject supervisor (tytuł/stopień naukowy, imię i nazwisko)	
Lecture	PhD Aldona Dereń	
Teaching methods:		
	Content of education	Number of hours
1.	Intellectual property - characteristics of the concept and scheme of the categories included in intellectual property. The institutionalization of the legal protection of intellectual property.	2
2.	Legal aspects of intellectual property rights management in business organization.	1
3.	Legal protection of the author. Moral rights and property rights - the scope of legal protection.	1
4.	The legal protection of software in national and European regulations.	1
5.	The patent office - the status, functions and tasks. Patent and conditions for its acquisition. Characteristics of patent procedure.	2
6.	Patent Information Databases and their relevance to business and intellectual property protection.	1
7.	The rules of using the Patent Information Bases.	1
8.	Rationalization projects - principles of legal protection and their importance for the company.	1
9.	Protection of a company, trade names and Internet domains.	1
10.	The trade mark in the course of trade - the conditions and procedures of legal protection. Protection of geographical indications in national and European law.	1
11.	Legal protection of utility models. Protection of industrial designs - statutory regulations of national and European law.	1
12.	Topographies of integrated circuits and the importance of their legal protection.	1
13.	Legal aspects of intellectual property rights management in business organization.	1
Total hours:		15

Primary literature:

1	Barta J., Czajkowska-Dąbrowska M., Cwiągalski Z., Markiewicz R., Traple E., Prawo autorskie i prawa pokrewne. Komentarz, Kantor Wydawniczy Zakamycze, Kraków 2005
2	Dereń A.M., ochrona własności intelektualnej w obrocie gospodarczym, Oficyna Wydawnicza PWSZ Nysa 2011
3	Giliciński L., Wykonywanie praw własności intelektualnej w prawie Wspólnoty Europejskiej, Dom Wydawniczy ABC, Warszawa 1997
4	Golat K., Golat R., Prawo autorskie w praktyce, Wyd. INFOR, Warszawa 1998
5	Hetman J., Podstawy prawa własności intelektualnej, Biblioteka Analiz, warszawa 2010
6	Kondrat M., Dreszer-Lichańska H., Własność przemysłowa w Unii Europejskiej, Gdańsk 2004
7	Kotarba W., Zarządzanie wiedza chronioną w przedsiębiorstwie, Wydawnictwo ORGMASZ, Warszawa 2001
8	Kostański P., Prawo własności przemysłowej. Komentarz, Wydawnictwo C.H.Beck, Warszawa 2010

Secondary literature:

1	Dereń A.M., Własność intelektualna i przemysłowa. Kompendium wiedzy, Oficyna Wydawnicza PWSZ Nysa 2007
2	Golat R., Dobra niematerialne. Kompendium prawne, Oficyna Wydawnicza Branta, Warszawa 2005
3	Kotarba W., Ochrona wiedzy w Polsce, Wydawnictwo ORGMASZ, Warszawa 2005.
4	Łazewski M., Gołębiowski M., Własność intelektualna. Vademecum Innowacyjnego przedsiębiorcy, t. III, Warszawa 2006.
5	Mroziewski M., kapitał intelektualny współczesnego przedsiębiorstwa. Koncepcje, metody wartościowania i warunki jego rozwoju, Wyd. Difin, Warszawa 2008
6	Nowińska E., du Vall M., Znowelizowane prawo własności przemysłowej, Warszawa 2002
7	Milewski R., Elementarne zagadnienia ekonomii, Warszawa 2005
8	Szymanek T., Transfer własności intelektualnej i przemysłowej, Warszawa 1995

Course description

Course name		Insurance				Course code			
Major		Finance and Accounting							
Profile		Practical							
Level of studies		First-cycle studies							
Specialization		Subject common to all specializations							
Form of studies		Full – time studies							
Semester		V				Language of instruction		English	
Prerequisites for the course		none				Basic courses		N	
Form of crediting		Credit with a grade		Number of ECTS points: 2				Methods of assessment	
Form of classes and other		Number of hours in semester		Total	2	direct contact classes	0,8	practical classes	
		Total	Student's workload	Direct contact	Methods of learning outcomes verification				
Lecture		30	15	15	test				100%
Consultation		8	4	4					
Total hours:		38	19	19					100%
Categories of learning outcomes	No.	Course learning outcomes			Methods of learning outcomes verification	Major learning outcomes	Area learning outcomes	Forms of realization	
Knowledge	1.	Student knows the importance of risk in human activities and the risk management process.			test	K1_W01+++ K1_W13+++	S1A_W07+++ S1A_W08+++	L	
	2.	Student knows the basic concepts of insurance, classifications, insurance functions and insurance institutions.			test	K1_W01+++ K1_W13+++	S1A_W01+++ S1A_W07+++	L	
	3.	Student has knowledge about the business and social insurance functioning, insurance activity and insurance brokerage.			test	K1_W01+++ K1_W13+++	S1A_W01+++ S1A_W07+++ +++ S1A_W06+++	L	
	4.	Student has knowledge about the most important products of social insurance and business insurance.			test	K1_W01+++	S1A_W06+++	L	
Skills	1.	Student can determine insurance needs and appropriate insurance products.			discussion	K1_U15+++	S1A_U06+++ S1A_U07+++	L	

	2.	Student analyzes and evaluates the basic insurance products available on the Polish insurance market. He/she knows how to make a choice for his/her insurance needs.	discussion	K1_U15+++	S1A_U06+++, S1A_U07+++	L
Social competences	1.	Student is aware of risk and risk management.	discussion	K1_K02++ +, K1_K05++ +, K1_K07++ +	S1A_K01+++, S1A_K06+++ , S1A_K07+++	L

Subject supervisor

Form of classes	Subject supervisor
Lecture	Phd Joanna Szczepańska

Content of education

Lecture	Teaching methods	lecture and multimedia presentation	
No.	Subject classes	Number of hours	
1.	Definitions of risk and uncertainty.	1	
2.	Risk classification.	1	
3.	Definitions and characteristics of insurance.	1	
4.	Business and social insurance.	1	
5.	Functions and importance of insurance in the economy.	1	
6.	The institutional environment of insurance - legal basis, concessions, supervision.	1	
7.	Principles of business insurance functioning - elements of the insurance relationship, financial management, marketing activities, risk management.	2	
8.	Forms of insurance, insurance products.	1	
9.	Life insurance.	1	
10.	Open pension funds. The pension reform.	2	
11.	Development of the Polish insurance market against the background of the international market.	2	
12.	Test.	1	
Total hours:			15

Primary literature:

1	Podstawy ubezpieczeń : podręcznik/ Tom 1: Mechanizmy i funkcje / red. Jan Monkiewicz, Poltext, Warszawa 2004.
2	Podstawy ubezpieczeń : podręcznik/ Tom 2: Produkty / red. Jan Monkiewicz, Poltext, Warszawa 2003.
3	Podstawy ubezpieczeń: podręcznik/ Tom 3: Przedsiębiorstwo / red. Jan Monkiewicz, Poltext, Warszawa, 2003.
4	Ubezpieczenia : rynek i ryzyko : praca zbiorowa / red. Wanda Ronka-Chmielowiec, Krzysztof Jajuga, PWE. Warszawa 2002.
5	Ustawa o działalności ubezpieczeniowej z dn. 22.05.2003 (Dz.U.03.124.1151) z późn. zmianami.
6	Ustawa o pośrednictwie ubezpieczeniowym z dn. 22.05.2003 (Dz.U. 03.124.1154) z późn. zmianami.
7	Ustawa o ubezpieczeniach obowiązkowych, Ubezpieczeniowym Funduszu Gwarancyjnym i Polskim Biurze Ubezpieczycieli Komunikacyjnych z dn. 22.05.2003 (DZ.U.03.124.1152) z późn. zmianami.
8	Ustawa o nadzorze ubezpieczeniowym i emerytalnym oraz Rzeczniku Ubezpieczonych z dn. 22.05.2003

Secondary literature:

1	Ubezpieczenia komunikacyjne / red. Stanisław Rogowski ; Bożena Wolińska [et al.], Poltext, Warszawa 2006.
2	Ubezpieczenia w Unii Europejskiej / red. Jan Monkiewicz ; Artur Gąsioriewicz [et al.], Poltext, Warszawa 2003.
3	Ubezpieczenia w zarządzaniu ryzykiem przedsiębiorstwa. T. 1 Podstawy i T. 2 Zastosowania / pod red. Bogusława Hadyniaka i Jana Monkiewicza. Poltext.
4	Ubezpieczenie społeczne : podręcznik akademicki / Wojciech Muszałski, Wydaw. Naukowe PWN, Warszawa 2008.

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Course co-ordinator
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Director of Institute
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Course description

Course name		Company Finance Management			Course			
Major		Finance and Accounting						
Profile		Practical						
Level of studies		First level						
Specialization		Subject common to all specializations						
Form of studies		Full – time studies						
Semester		V			Language of instruction		English	
Prerequisites for the course					Basic courses		N	
Form of crediting		exam		Number of ECTS points: 7			Methods of assessment	
Form of classes and other		Number of hours in semester		Total	7	direct contact classes		3,4
		Total	Student's workload	Direct contact	Methods of learning outcomes verification			Weight in%
Lecture		60	30	30	written and oral exam			50%
Classes		30	15	15	written test			25%
Project		60	30	30	execution of a project			25%
<i>Consultation</i>		12	6	6				
Exam		6	3	3				
Total hours:		168	84	84	Total:			100%
Categories of learning outcomes	No.	Course learning outcomes		Methods of learning outcomes	Major learning outcomes	Area learning outcomes	Forms of realization	
Knowledge	1.	Student has knowledge of the financing strategy of the business assets.		test, written-oral exam	K1_W02+++, K1_W01+++, K1_W08+++, K1_W13+++	S1A_W02+++, S1A_W03+++, S1A_W06+++, S1A_W07+++, S1A_W08+++	LC	
	2.	Student has knowledge about the sources of capital in the company and valuation of securities.		test, written-oral exam	K1_W01+++, K1_W02+++, K1_W09+++	S1A_W06+++	LP	
	3.	Student understands the importance of risk in the process of business management.		test, written-oral exam	K1_W01+++, K1_W02+++, K1_W07+++, K1_W13+++	S1A_W06+++, S1A_W07+++, S1A_W08+++	L	
	4.	Student understands the meaning and methods of calculating the cost of equity, debt and the weighted average cost of capital.		test, written-oral exam	K1_W09+++, K1_W13+++	S1A_W06+++	LC	

	5.	Student knows how to interpret the relationship: the expected rate of return on capital investments and the cost of capital and risk.	test, written-oral exam	K1_W01+++, K1_W02+++, K1_W09+++	S1A_W07+++	LCP
	6.	Student knows the issues of building an effective portfolio of investment projects.	test, written-oral exam	K1_W01+++, K1_W02+++	S1A_W06+++, S1A_W07+++	LP
	7.	Student knows the capital asset pricing model, CML, SML, security characteristic line	test, written-oral exam	K1_W01+++, K1_W02+++	S1A_W07+++, S1A_W06+++	LCP
Skills	1.	Student is able to characterize sources of business financing.	test, written-oral exam	K1_U02+++, K1_U06+++, K1_U12+++	S1A_U02+++, S1A_U03+++	L
	2.	Student can make the valuation of securities: stocks, bonds.	test, written-oral exam	K1_U09+++	S1A_U02+++	LC
	3.	Student can calculate the cost of equity and weighted average cost of capital.	test, written-oral exam	K1_U09+++	S1A_U02+++	LC
	4.	Student is able to assess the risk of investing in capital assets.	test, written-oral exam	K1_U06+++, K1_U07+++, K1_U09+++, K1_U15+++, K1_U12+++	S1A_U02+++, S1A_U03+++, S1A_U05+++, S1A_U06+++, S1A_U07+++	LCP
	5.	Student can plot the area of possible solutions for the two-element portfolios according to the proportion of the shares of assets in the portfolio.	test, written-oral exam	K1_U06+++, K1_U09+++, K1_U12+++	S1A_U02+++, S1A_U03+++	LCP
	6.	Student can plot the dependence of expected rate of return upon the portfolio risk.	test, written-oral exam	K1_U06+++, K1_U09+++, K1_U12+++	S1A_U02+++, S1A_U03+++	LCP
Social competences	1.	Student understands the meaning of financial decisions in the company.	oral answer	K1_K01+++, K1_K02+++, K1_K05+++, K1_K07+++	S1A_K01+++, S1A_K03+++, S1A_K04+++, S1A_K05+++	L
	2.	Student recognizes the need of taking into account and appropriate assessment of risk and uncertainty in business.	oral answer	K1_K02+++, K1_K05+++, K1_K07+++	S1A_K01+++, S1A_K06+++, S1A_K04+++, S1A_K07+++, S1A_K05+++	L
	3.	Student understands that capital investment should bring financial benefits in a competitive economy.	oral answer	K1_K01+++, K1_K02+++, K1_K04+++, K1_K05+++, K1_K07+++	S1A_K01+++, S1A_K03+++, S1A_K04+++, S1A_K06+++, S1A_K07+++	L

	4.	Student understands the objectives of economic activities.	oral answer	K1_K04+++, K1_K05+++, K1_K07+++, K1_K01+++	S1A_K02+++, S1A_K03+++, S1A_K04+++, S1A_K05+++, S1A_K06+++, S1A_K07+++	L
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Subject supervisor

Form of classes	Subject supervisor
Lecture	PhD Eng. Zofia Wilimowska, Prof. University of Applied Science in Nysa
Classes	PhD Joanna Szczepańska
Project	PhD Joanna Szczepańska

Content of education

Lecture	Teaching methods	lecture with multimedia presentation
No.	Subject classes	Number of hours
1.	Introduction: objectives and the role of financial management.	2
2.	Capital and money market as a source of financing.	2
3.	Foreign sources of financing and their cost.	2
4.	Own sources of financing and their cost.	2
5.	Time value of money.	2
6.	Investment risk and rate of return.	2
7.	Methods of securities valuation (price and required rate of return).	2
8.	Risk and methods of measurement of investment activity risk.	2
9.	Statistical risk measures.	2
10.	Portfolio theory.	2
11.	Market cost of risk (CML) and the diversification of risk.	2
12.	CAPM model.	2
13.	Weighted average cost of capital.	2
14.	Capital budget optimization.	2
15.	Discrete risk measures.	2
Total hours:		30

Classes	Teaching methods	exercises
No.	Subject classes	Number of hours
1.	Future value of money.	1
2.	Present value of money.	1
3.	Credit amortization.	1
4.	Valuation of securities - stocks.	1
5.	Estimating the number of shares and their issue price.	1
6.	Valuation of securities - bonds.	1
7.	Statistical risk measures.	1
8.	Portfolio theory - two-element portfolio.	1
9.	Market cost of risk (CML).	1
10.	Beta coefficient calculation.	1

11.	Cost of equity (CAPM).	1
12.	Weighted average cost of capital.	1
13.	Capital budget optimization.	1
14.	Discrete risk measures.	1
15.	Discrete risk measures - Bayes' model.	1
Total hours:		15

Project	Teaching methods	consultations
No.	Subject classes	
Number of hours		
1.	Estimating the number of shares and their issue price.	
2.	The use of methods of portfolio analysis, including the method of Markowitz, in order to build an effective investment portfolio. Modifying the investment portfolio based on the expected profit and risk.	
Total hours:		30

Primary literature:

1	Contemporary Corporate Finance, authors: McGuigan, Kretlow, Moyer
2	Financial Management. Theory and Practice, authors: Brigham, Erhardt
3	

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Course description

Course name		Financial Data Forecasting			Course			
Major		Finance and Accounting						
Profile		Practical						
Level of studies		First level						
Specialization		Subject common to all specializations						
Form of studies		Full-time studies						
Semester		V			Language of instruction		English	
Prerequisites for the course		Mathematical analysis and algebra, descriptive and mathematical statistics, econometrics, micro-and macro-economics, managerial accounting, financial analysis - students showing lack of knowledge influencing on understanding of the problems in the field "Financial Data Forecasting" will have to make up the necessary knowledge to pass the exam.			Basic courses		N	
Form of crediting		Exam		Number of ECTS points: 5			Methods of assessment	
Form of classes and other		Number of hours in semester		Total	5	direct contact classes		2,3
		Total	Student's workload	Direct contact	Methods of learning outcomes verification			Weight in%
Lecture		60	30	30	Exam			
Project		30	15	15	Assessment of all projects			10%
Consultation		15	5	10				
Exam		32	30	2	Oral examination preceded by a written "filter-exam" that would not allow inadequately prepared students to take the oral exam. The exam tests knowledge, its understanding and ability to use it in practice. Checked student's abilities result from understanding the lecture, accompanying activities and self-study involving the study of literature and the analysis of issues.			90%
Total hours:		137	80	57	Total:			100%
Categories of learning outcomes	No.	Course learning outcomes		Methods of learning outcomes verification	Major learning outcomes	Area learning outcomes	Forms of realization	
Knowledge	1.	A higher degree of understanding of the analysis of function of one variable and differential calculus.		oral test preceded by a written test that allows to take the oral test	K1_W14++, K1_W16++	S1A_W03++, S1A_W06++, S1A_W02++, S1A_W09++	LP	
	2.	Basic knowledge of analysis of functions of several variables, gradient, hessian, convex sets, convex function, quadratic form.		oral test preceded by a written test that allows to take the oral test	K1_W14++, K1_W16++	S1A_W03++, S1A_W06++, S1A_W02++, S1A_W09++	LP	

	3.	Understanding how to define sets in multidimensional spaces.	oral test preceded by a written test that allows to take the oral test	K1_W14++, K1_W16++	S1A_W03++, S1A_W06++, S1A_W02++, S1A_W09++	LP
	4.	Knowledge of classification of optimization problems with constraints.	oral test preceded by a written test that allows to take the oral test	K1_W14++, K1_W16++	S1A_W03++, S1A_W06++, S1A_W02++, S1A_W09++	L
	5.	Knowledge of selected tasks of constrained optimization.	oral test preceded by a written test that allows to take the oral test	K1_W14++, K1_W16++	S1A_W03++, S1A_W06++, S1A_W02++, S1A_W09++	LP
Skills	1.	Intuitive understanding of derivative and differential, gradient and hessian.	oral test preceded by a written test that allows to take the oral test	K1_U09++, K1_U13++, K1_U14++	S1A_U2++, S1A_U3++, S1A_U8++, S1A_U1++	LP
	2.	The ability to find an appropriate mathematical model (among known models) for the real problem of the optimization task.	oral test preceded by a written test that allows to take the oral test	K1_U09++, K1_U13++, K1_U14++	S1A_U2++, S1A_U3++, S1A_U8++, S1A_U1++	LP
	3.	The ability to solve simple optimization problems (operational research).	oral test preceded by a written test that allows to take the oral test	K1_U09++, K1_U13++, K1_U14++	S1A_U2++, S1A_U3++, S1A_U8++, S1A_U1++	LP
	4.	Ability to describe the real problem, for example in the company.	oral test preceded by a written test that allows to take the oral test	K1_U09++, K1_U13++, K1_U14++	S1A_U2++, S1A_U3++, S1A_U8++, S1A_U1++	LP

Subject supervisor

Form of classes	Subject supervisor
Lecture	PhD (Eng) Marek Wilimowski
Project	PhD (Eng) Marek Wilimowski

Teaching content

Lecture	Teaching methods	lecture with multimedia presentation	
No.	Subject classes	Number of hours	
1.	Optimization methods - introduction, classification, application, examples.	2	
2.	Properties of functions and sets.	2	
3.	Linear optimization - decision problems modeling, types of models.	2	
4.	Linear programming, graphical and simplex method.	2	
5.	Transportation problem.	2	
6.	Network algorithms.	2	

7.	Mathematical analysis of functions of several variables, gradient.	4
8.	Mathematical analysis of functions of several variables, hessian, the quadratic form.	2
9.	Optimality conditions for tasks without constraints.	2
10.	Extremes of function of the limiting conditions of equality, Lagrange method.	2
11.	Kuhn-Tucker conditions.	4
12.	Optimization algorithms.	2
13.	Interbranch flows - balance equations, the Leontief model, forecasts.	2
Total hours:		30

Project	Teaching methods	Projects in MS Excel, control of theoretical preparation, project assessment	
No.	Subject classes		Number of hours
1.	Project 1. Introductory classes, reading up new worksheet functions and the associated project		1
2.	Project 2. Rating of seasonality using time series.		1
3.	Project 3. Linear programming.		2
4.	Project 4. Transportation problem.		2
5.	Project 5. Traveling salesman problem.		2
6.	Project 6. Newton method.		1
7.	Project 7. Gradientless methods.		2
8.	Project 8. Gradient methods.		2
9.	Project 9. Method of division and constraints.		2
Total hours:			15

Primary literature:

1	Ignasiak Edmund i inni; praca zbiorowa, red., Badania operacyjne - wyd. 3 zm. PWE, Warszawa 2001.
2	Kukuła, Karol, red., Badania operacyjne w przykładach i zadaniach, wyd. 5, dodr., PWN, Warszawa 2005.
3	Kukuła, Karol, red., Wprowadzenie do ekonometrii w przykładach i zadaniach, wyd. 2 popr. i rozsz., dodr.
4	Sadowski Wiesław, red., Elementy ekonometrii i programowania matematycznego, wyd. 3., PWN, Warszawa 1985.
5	Krzysztofiak, Mirosław, red., Ekonometria, PWE, Warszawa 1978.
6	Trzaskalik Tadeusz, Wprowadzenie do badań operacyjnych z komputerem, PWE, Warszawa 2003.
7	Wasilewska Ewa, Badania operacyjne: Wybrane zagadnienia z programowania liniowego, wyd. 2, Wydaw. 2000, Warszawa 2001.
8	Wasilewska Ewa, Badania operacyjne: zagadnienie transportowe, Wydaw. 2000, Warszawa 1999.

Secondary literature:

1	Siegel Joel G [et al.], Przewodnik po finansach : 201 narzędzi podejmowania decyzji dla menedżerów, PWN, Warszawa 1995.
2	Findeisen W., Szymanowski J., Wierzbicki A., Teoria i metody obliczeniowe optymalizacji, PWN, Warszawa 1980.
3	Walkenbach John, Excel 2003 PL: biblia, Helion, Gliwice 2004.
4	Walkenbach John, Excel 2007 PL: biblia, Helion, Gliwice 2007.
5	Walkenbach John, Excel 2010 PL: biblia, Helion, Gliwice 2011.
6	Walkenbach John, programowanie w VBA, Helion, Gliwice 2011.
7	Kolberg Michael, Excel w firmie, Robomatic Wrocław 2001.

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Course description

Course name		Financial Market II				Course code			
Major		Finance & Accounting							
Profile		Practical							
Level of studies		First-cycle studies							
Specialization		ACCOUNTING AND FINANCIAL CONTROL							
Form of studies		Full-time studies							
Semester		V				Language of instruction		English	
Prerequisites for the course		financial mathematics, elements of statistics				Basic courses		N	
Form of crediting		End-of-term test		Number of ECTS points: 5				Methods of assessment	
Form of classes and other		Number of hours in semester		Total	5	direct contact classes	2,5		practical classes
		Total	Student's workload	Direct contact	Verification of teaching effects				Importance in %
Lecture		60	30	30	written exam				50%
Laboratory		60	30	30	case study				50%
Exam		2		2					
Total number of hours:		122	60	62					Total: 100%
Categories of teaching effects	No.	Course teaching effects			Methods of teaching effects verification	Major-related effects	Area based effects	Forms of realization	
Knowledge	1.	Student has knowledge about the importance of the capital market in a market economy.			test, discussion	K1_W01++, K1_W02++	S1A_W02++, S1A_W01++, S1A_W07++	L	
	2.	Student knows the capital market institutions, capital market instruments and their attributes.			test, discussion	K1_W01++, K1_W02++	S1A_W02++, S1A_W03++, S1A_W07++	LLab	
	3.	Student can name and describe the basic financial instruments.			test, discussion	K1_W02++	S1A_W06++	LLab	
	4.	Student has the knowledge how to invest in basic financial instruments.			test, discussion	K1_W02++, K1_W14++	S1A_W06++	Lab	
Skills	1.	Student is able to use the services of financial system market			observation	K1_U14++, K1_U15++, K1_U17++	S1A_U02++, S1A_U10++	Lab	
Social competence	1.	Student is prepared for independent activity on financial markets.			observation	K1_K02++	S1A_K01++, S1A_K06++	Lab	

Course supervisors

Form of classes	Course supervisors
Lecture	dr hab. Mariusz Czekala, prof. PWSZ w Nysie
Laboratory	mgr inż. Adriana Halikowska

Teaching content

Lecture	Teaching methods	Lecture and multimedia presentation	
No.	Subject area		Number of hours
1.	Characteristics of the financial market.		2
2.	Overview of financial instruments.		2
3.	Bonds analysis. Value, risk, duration bonds. Investment strategies.		2
4.	Stocks analysis.		2
5.	Fundamental analysis.		2
6.	Value, income, investment risk.		2
7.	Value, income, investment risk.		2
8.	Derivatives analysis. Value measurement. Investment strategies.		2
9.	Derivatives analysis. Value measurement. Investment strategies.		2
10.	Portfolio theory. Portfolio management process. Portfolio analysis.		2
11.	Portfolio theory. Portfolio management process. Portfolio analysis.		2
12.	Capital market models. One indicator model. Multi-indicator models.		2
13.	Capital market models. One indicator model. Multi-indicator models.		2
14.	Capital market models. One indicator model. Multi-indicator models.		2
15.	Capital market models. One indicator model. Multi-indicator models.		2
Total no. of hours:			30

Laboratory	Teaching methods	Case study	
No.	Subject area		Number of hours
1.	Simulation of the stock exchange.		2
2.	Formulation of the investment portfolio.		2
3.	Verification and analysis of previous decisions. Analysis of the capital market.		9
4.	Conclusions of the activities carried out during the course.		2
Total no. of hours:			15

Primary literature:

1	Plummer T.: Forecasting financial markets - the psychology of successful investing; London; Philadelphia : Kogan Page; 2008.
2	

Secondary literature:

1	Glen Arnold: The financial times guide to investing; FT Press; 2014.
2	Sarah Potter: How You Can Trade Like a Pro: Breaking into Options, Futures, Stocks, and Efts; McGraw-Hill; 2014.
3	Brian Portnoy: The Investor's Paradox; Palgrave Macmillan; 2014.

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Course description

Course name		Investment Profitability Calculation			Course			
Major		Finance and Accounting						
Profile		Practical						
Level of studies		First level						
Specialization		ACCOUNTING AND FINANCIAL CONTROL						
Form of studies		Full-time studies						
Semester		V			Language of instruction		English	
Prerequisites for the course		Mathematical analysis and algebra, descriptive and mathematical statistics, econometrics, time value of money, principles of finance, micro-and macro-economics, banking, financial and managerial accounting, cost accounting, financial analysis, corporate finance, financial and capital market, economic law - students showing lack of knowledge influencing on understanding of the problems in the field "Investment Profitability Calculation" will have to make up the necessary knowledge to pass the exam (in VI semester).			Basic courses		N	
Form of crediting		Credit with a grade		Number of ECTS points: 3			Methods of assessment	
Form of classes and other		Number of hours in semester		Total	3	direct contact classes		2,4
		Total	Student's workload	Direct contact	Methods of learning outcomes verification			Weight in%
Lecture		60	30	30	LECTURE IN V SEMESTER: written and oral test			70%
Classes		30	15	15	CLASSES IN V SEMESTER: written test			30%
Consultation		15		15				0%
Total hours:		105	45	60				100%
Categories of learning outcomes		No.	Course learning outcomes		Methods of learning outcomes verification	Major learning outcomes	Area learning outcomes	Forms of realization
Knowledge	1.	Knowledge of estimating expenditures and future effects of the investment project and assessment its financial efficiency.		written test, oral response	K1_W09++	S1P_W06++	LCP	
	2.	Knowledge of issues related to the investment process in the organization.		written test, oral response	K1_W09++, K1_W08++	S1P_W06++, S1P_W08++	L	
	3.	Knowledge of the construction pro-forma statements.		written test, oral response	K1_W06++, K1_W07++, K1_W09++, K1_W08++	S1P_W06++	LCP	

	4.	Knowledge and understanding of the methods of investments financial profitability evaluation, classifications, divisions, purpose of usage.	written test, oral response	K1_W09++	S1P_W06++	LC
	5.	Knowledge and understanding of the proper choice of the discount rate in the dynamic methods of investment profitability	written test, oral response	K1_W08++, K1_W09++	S1P_W02++, S1P_W06++	LC
Skills	1.	Ability to build the team for the assessment of the investment project.	discussion, verification of a project that is realized in VI semester	K1_U02++, K1_U07++	S1P_U5++, S1P_U6++, S1P_U2++, S1P_U8++	P
	2.	Ability to lead the projected investment, final elaboration of pro-forma statements, final financial evaluation of the project.	discussion, verification of a project that is realized in VI semester	K1_U05++, K1_U06++, K1_U07++, K1_U08++, K1_U09++, K1_U11++, K1_U12++, K1_U13++, K1_U14++	S1P_U02++, S1P_U03++, S1P_U04++, S1P_U06++, S1P_U07++	CP
	3.	Ability to identify the risks associated with the investment.	discussion, verification of a project that is realized in VI semester	K1_U05++	S1P_U01++, S1P_U02++, S1P_U03++, S1P_U06++, S1P_U08++	CP
Social competences	1.	Student is aware of the consequences of overly optimistic and too pessimistic estimates of the effectiveness of the proposed investments.	discussion	K1_K01++, K1_K02++	S1P_K04++, S1P_K07++	C
	2.	Student is aware of the responsibility of staff teams for the evaluation of the proposed investment, their responsibility for the successes and failures of the company and even the loss of a job by other workers and bankruptcy of the company.	discussion	K1_K01++, K1_K02++, K1_K03++, K1_K04++, K1_K06++	S1P_K07++, S1P_K01++, S1P_K02++, S1P_K05++, S1P_K06++, S1P_K03++	L
	3.	Student is aware of the various pressures on the employees of these teams and the psychological and sociological interactions outside and inside the teams.	discussion	K1_K01++, K1_K03++, K1_K05++, K1_K06++	S1P_K03++, S1P_K02++	L

Subject supervisor

Form of classes	Subject supervisor
Lecture	PhD (Eng) Marek Wilimowski
Classes	PhD Joanna Szczepańska
Project	PhD Joanna Szczepańska / PhD (Eng) Marek Wilimowski

Teaching content

Lecture	Teaching methods	lecture with multimedia presentation	
No.	Subject classes		Number of hours
1.	Introduction to investments - goals, evaluation criteria of investment, investment classifications, stages.		2
2.	Methods of assessing the financial profitability of investment, forms of investment balancing, division of methods of investment profitability calculation.		2
3.	Estimating cash flows of investment, pro forma statements, estimating capital expenditures, incremental cash flows.		2
4.	Static methods, static calculation of depreciation - the payback period PB, comparative calculation of costs, comparative calculation of profits, accounting rate of return ARR.		2
5.	Dynamic methods of estimating investment profitability, the idea of investment evaluation, types of investment projects, evaluation of profitability of real investment projects in deterministic terms.		2
6.	Assumptions of methods: NPV, PI, IRR and DPB. Comparison of methods of estimating the investment efficiency, comparison of various investment and selection a better one, methods of NPV and PI, the NPV method and IRR, NPV method and the DPB. The investment return and the IRR and PI.		2
7.	Discussion of issues of correct analysis of investments profitability, valuation of cash flows relevant for the assessment of investment efficiency.		2
8.	Capital costs in estimating the efficiency of investment.		2
9.	Investment lifetime and determination of optimal lifetime.		2
10.	The interval of time between the estimated cash flow of the investment project for the purpose of estimating the efficiency of investment, sunk costs and opportunity costs, the interaction between investment projects, depreciation of investments.		2
11.	Working capital, spontaneous debt capital.		2
12.	Analysis of divestments and exchange.		2
13.	Sources of investment financing, sensitivity analysis, simulation.		2
14.	Capital budget optimization.		2
15.	Risk, methods of investment profitability calculation in terms of risk, risk adjusted discount rate approach – RADRA.		2
Total hours:			30

Classes	Teaching methods	solving tasks, discussion	
No.	Subject classes		Number of hours
1.	Solving tasks, analysis of examples from the field of investment profitability calculation. Usage of methods of investment profitability calculation.		7
2.	Test.		1
3.	Solving tasks, analysis of examples from the field of investment profitability calculation. Usage of methods of investment profitability calculation.		6

4.	Test.	1
Total hours:		15

Primary literature:

1	Wilimowska Z., Wilimowski M., Sztuka zarządzania finansami, wyd. 2, Część I i II, TNOiK OPO, Bydgoszcz 2002.
2	Brigham E.F., Gapenski L.C., Zarządzanie finansami T1/T2, PWE, Warszawa 2000.
3	Pluta Wiesław, red., Budżetowanie kapitałów, PWE, Warszawa 2000.
4	Pluta Wiesław, Planowanie finansowe w przedsiębiorstwie, PWE, 2003.
5	Machała Robert, Praktyczne zarządzanie finansami firmy, PWN, Warszawa 2001.
6	Rogowski W., Rachunek efektywności inwestycji, Wolters Kluwer Sp. z o.o., Kraków 2008.
7	Brealey R.A., Myers S.C., Podstawy finansów przedsiębiorstw, PWN 1999.

Secondary literature:

1	Jackson Mary, Staunton Mike, Zaawansowane modele finansowe z wykorzystaniem Excela i VBA + CD-ROM, Helion, Gliwice 2004.
2	Słownik Reutera: międzynarodowe terminy ekonomiczne i finansowe, oprac. Limited Reuters, - BKKI - Powszechna Agencja Informacyjna, Warszawa 1992.

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Course description

Course name		Costs calculation			Course		
Major		Finance and Accounting					
Profile		Practical					
Level of studies		First level					
Specialization		ACCOUNTING AND FINANCIAL CONTROL					
Form of studies		Full-time studies					
Semester		V			Language of instruction		English
Prerequisites for the course		Principles of finance, micro-and macro-economics, financial accounting, management accounting, banking, financial analysis, good knowledge of MS Excel learned in previous classes - students showing lack of knowledge influencing on understanding of the problems in the field "Management Accounting" will have to make up the necessary knowledge to pass "Costs Calculation".			Basic courses		N
Form of crediting		Credit with a grade		Number of ECTS points: 2			Methods of assessment
Form of classes and other		Number of hours in semester		Total	2	direct contact classes	
		Total	Student's workload	Direct contact	Methods of learning outcomes verification		Weight in%
Project		34	19	15	Assessment of the project, both theory and practical implementation of the project.		100%
Consultation		4		4			
Total hours:		38	19	19			100%
Categories of learning outcomes	No.	Course learning outcomes		Methods of learning outcomes verification	Major learning outcomes	Area learning outcomes	Forms of realization
Knowledge	1.	Student understands the criteria and principles of classification of costs in the enterprise.		written test, oral answer	K1_W06+++, K1_W07+++, K1_W15+++	S1P_W02+++, S1P_W06+++	P
	2.	Student understands the difference between the different classifications of costs.		written test, oral answer	K1_W06+++, K1_W07+++, K1_W15+++	S1P_W02+++, S1P_W06+++	P
	3.	Student knows activity based costing method and targeted costs method.		written test, oral answer	K1_W06+++, K1_W07+++, K1_W15+++	S1P_W02+++, S1P_W06+++	P
	4.	Student understands the mechanism of earning by the company (ROE).		written test, oral answer	K1_W06+++, K1_W07+++, K1_W15+++	S1P_W02+++, S1P_W06+++	P

	5.	Understand the concept and usefulness of working capital in management.	written test, oral answer	K1_W06+++, K1_W07+++, K1_W15+++	S1P_W02+++, S1P_W06+++	P
	6.	Student is aware of the costs of financing companies, understands the mechanism of the tax shield.	written test, oral answer	K1_W06+++, K1_W07+++, K1_W15+++	S1P_W02+++, S1P_W06+++	P
	7.	Student understands the impact of information (obtained by methods of management accounting) on the decisions taken by the management.	written test, oral answer	K1_W06+++, K1_W07+++, K1_W15+++	S1P_W02+++, S1P_W06+++	P
Skills	1.	Student is able to classify costs in the enterprise. He can implement method of activity based costing and method of targeted costs in simple cases. He is able to carry out costs calculation.	written test, oral answer	K1_U07+++, K1_U08+++, K1_U09+++, K1_U12+++	S1P_U02+++, S1P_U06+++	P
	2.	Student understands the mechanism of earning by the company (ROE).	written test, oral answer	K1_U06+++, K1_U12+++	S1P_U02+++	P
	3.	Student is able to manage working capital. He can calculate WACC.	written test, oral answer	K1_U06+++, K1_U05+++, K1_U07+++, K1_U09+++, K1_U12+++, K1_U14+++, K1_U15+++	S1P_U02+++, S1P_U06+++ , S1P_U07+++	P
	4.	Student is able to develop information about the current state of the company and deliver it in the correct graphical form.	written test	K1_U05+++, K1_U06+++, K1_U07+++, K1_U12+++, K1_U14+++, K1_U16+++	S1P_U03+++	P
Social competences	1.	Student is aware of the responsibility of financial accounting department employees for successes and failures of company and even the loss of a job by other workers and company bankruptcy.	oral answer	K1_K01+++, K1_K02+++	S1P_K06+++, S1P_K01+++	P

Subject supervisor

Form of classes	Subject supervisor
Project	PhD (Eng) Marek Wilimowski / PhD (Eng) Zbigniew Kulas / PhD (Eng) Danuta Seretna-Salamaj / PhD Joanna Szczepańska / MSc (Eng) Adriana Halikowska

Teaching content

Project	Teaching methods	Project in MS Excel	
No.	Subject classes		Number of hours
1.	Introductory classes, discussion of method and project.		2
2.	The choice of the company which will be the subject to prepare activity based costing calculation.		2
3.	Execution of project of implementation of activity based costing method.		11
4.	Verbal description of the received results with conclusions.		0
Total hours:			15

Primary literature:

1	Wnuk-Pel Tomasz, Zarządzanie rentownością: budżetowanie i kontrola, activity based costing, Difin, Warszawa 2006.
2	Karmańska Anna, Rachunkowość zarządcza ubezpieczyciela: modelowanie na podstawie rachunku kosztów działań, PWN, Warszawa 2003.
3	Wilimowska Z., Wilimowski M., Sztuka zarządzania finansami, OPO TNOiK, Bydgoszcz 2001.
4	Wilimowska Z., Wilimowski M., Seretna D., Wybrane zagadnienia rachunkowości i finansów, Oficyna Wydawnicza PWSZ w Nysie, Nysa 2003.
5	Sierpińska M., Jachna T., Ocena przedsiębiorstwa wg standardów światowych, PWN, Warszawa 2000.
6	Dudyc T., Analiza finansowa, Wyd. AE im. Oskara Langego we Wrocławiu, Wrocław 2000.
7	Dobja M., Rachunkowość zarządcza i controlling, PWN, Warszawa 2002.
8	Nowak E., Rachunek kosztów, Expert, Wrocław 2000.

Secondary literature:

1	Piotrowska M., Krótkoterminowe decyzje finansowe, seria: Finanse spółek, Wyd. AE im. Oskara Langego we Wrocławiu, Wrocław 1997.
2	Kiziukiewicz T., Czubakowska K., red., Rachunkowość zarządcza, Expert, Wrocław 2001.
3	Pluta W. red., Finanse małych i średnich przedsiębiorstw, PWE, Warszawa 2004.
4	Sierpińska M., Wędzki D., Zarządzanie płynnością finansową w przedsiębiorstwie, PWN, Warszawa 2002.
5	Sawicki K., Analiza kosztów firmy, PWE, Warszawa 2000.
6	Bień W., Czytanie bilansu przedsiębiorstwa (dla menedżerów), Finans-Servis. Zespół Doradców Finansowo-Księgowych, Warszawa 1995.
7	Karmańska Anna, Rachunkowość zarządcza ubezpieczyciela: modelowanie na podstawie rachunku kosztów działań, PWN, Warszawa 2003.
8	Słownik Reutera: międzynarodowe terminy ekonomiczne i finansowe, oprac. Limited Reuters - BKKI - Powszechna Agencja Informacyjna, cop., Warszawa 1992.
9	Jackson M., Staunton M., Zaawansowane modele finansowe z wykorzystaniem Excela i VBA + CD-ROM, Helion, Gliwice 2004.

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 Course co-ordinator
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Course description

Course name		Capital Market				Course code		
Major		Finance & Accounting						
Profile		Practical						
Level of studies		First-cycle studies						
Specialization		CORPORATE FINANCE						
Form of studies		Full-time studies						
Semester		V				Language of instruction		English
Prerequisites for the course		financial mathematics, elements of statistics				Basic courses		N
Form of crediting		End-of-term test		Number of ECTS points: 5				Methods of assessment
Form of classes and other		Number of hours in semester		Total	5	direct contact classes	2,5	
		Total	Student's workload	Direct contact	Verification of teaching effects			Importance in %
Lecture		60	30	30	written exam			50%
Classes		30	15	15	test			25%
Project		30	15	15	case study			25%
Exam		4	2	2				
Total number of hours:		124	62	62				Total: 100%
Categories of teaching effects	No.	Course teaching effects			Methods of teaching effects verification	Major-related effects	Area based effects	Forms of realization
Knowledge	1.	Student has knowledge about the importance of the capital market in a market economy.			test, discussion	K1_W01++, K1_W02++	S1A_W02++, S1A_W01++, S1A_W07++	LC
	2.	Student knows the capital market institutions, capital market instruments and their attributes.			test, discussion	K1_W01++, K1_W02++	S1A_W02++, S1A_W03++, S1A_W07++	LC
	3.	Student can name and describe the basic financial instruments.			test, discussion	K1_W02++	S1A_W06++	LCP
	4.	Student has the knowledge how to invest in basic financial instruments.			test, discussion	K1_W02++, K1_W14++	S1A_W06++	P
Skills	1.	Student is able to use the services of financial system market			observation	K1_U14++, K1_U15++, K1_U17++	S1A_U02++, S1A_U10++	P

Social competence	1.	Student is prepared for independent activity on financial markets.	observation	K1_K02++	S1A_K01++, S1A_K06++	P
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Course supervisors

Form of classes	Course supervisors
Lecture	dr hab. Mariusz Czekała, prof. PWSZ w Nysie
Classes	mgr inż. Adriana Halikowska
Project	mgr inż. Adriana Halikowska

Teaching content

Lecture	Teaching methods	Lecture and multimedia presentation	
No.	Subject area	Number of hours	
1.	Characteristics of the financial market.	2	
2.	Overview of financial instruments.	2	
3.	Bonds analysis. Value, risk, duration bonds. Investment strategies.	2	
4.	Stocks analysis.	2	
5.	Fundamental analysis.	2	
6.	Value, income, investment risk.	2	
7.	Value, income, investment risk.	2	
8.	Derivatives analysis. Value measurement. Investment strategies.	2	
9.	Derivatives analysis. Value measurement. Investment strategies.	2	
10.	Portfolio theory. Portfolio management process. Portfolio analysis.	2	
11.	Portfolio theory. Portfolio management process. Portfolio analysis.	2	
12.	Capital market models. One indicator model. Multi-indicator models.	2	
13.	Capital market models. One indicator model. Multi-indicator models.	2	
14.	Capital market models. One indicator model. Multi-indicator models.	2	
15.	Capital market models. One indicator model. Multi-indicator models.	2	
Total no. of hours:			30

Classes	Teaching methods	excercises	
No.	Subject area	Number of hours	
1.	Solving problems based on the theory learned during the lecture.	15	
Total no. of hours:			15

Project	Teaching methods	Case study	
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No.	Subject area	Number of hours
1.	Simulation of the stock exchange.	2
2.	Formulation of the investment portfolio.	2
3.	Verification and analysis of previous decisions. Analysis of the capital market.	9
4.	Conclusions of the activities carried out during the course.	2
Total no. of hours:		15

Primary literature:

1	Sarah Potter: How You Can Trade Like a Pro: Breaking into Options, Futures, Stocks, and Etf's; McGraw-Hill; 2014.
2	Glen Arnold: The financial times guide to investing; FT Press; 2014.

Secondary literature:

1	Plummer T.: Forecasting financial markets - the psychology of successful investing; London; Philadelphia : Kogan Page; 2008.
2	Brian Portnoy: The Investor's Paradox; Palgrave Macmillan; 2014.

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Course description

Course name		MANAGEMENT OF LONG-TERM INVESTMENTS				Course code			
Major		Finance and Accounting							
Profile		Practical							
Level of studies		First level							
Specialization		Corporate Finance							
Form of studies		Full-time studies							
Semester		V				Language of instruction		English	
Prerequisites for the course		Mathematical analysis and algebra, descriptive and mathematical statistics, econometrics, time value of money, principles of finance, micro-and macro-economics, banking, financial and managerial accounting, cost accounting, financial analysis, corporate finance, financial and capital market, economic law - students showing lack of knowledge influencing on understanding of the problems in the field "Management of Long-term Investment" will have to make up the necessary knowledge to pass the exam (in VI semester).				Basic courses		N	
Form of crediting		Credit with a grade		Number of ECTS points: 4				Methods of assessment	
Form of classes and other		Number of hours in semester		Total	4	direct contact classes	3,2		practical classes
		Total	Student's workload	Direct contact	Verification of teaching effects				Importance in %
Lecture		60	30	30	LECTURE IN V SEMESTER: written and oral test				30%
Classes		30	15	15	CLASSES IN V SEMESTER: written test				35%
Project		45	30	15	PROJECT IN V SEMESTER: control of the correctness of the project, answer				35%
Consultation		20		20					
Total number of hours:		155	75	80					Total: 100%
Categories of teaching effects	No.	Course teaching effects			Methods of teaching effects verification	Major-related effects	Area based effects	Forms of realization	
Knowledge	1.	Knowledge of estimating expenditures and future effects of the investment project and assessment its financial efficiency.			written test, oral response	K1_W09++	S1P_W06++	LCP	

	2.	Knowledge of issues related to the investment process in the organization.	written test, oral response	K1_W09++, K1_W08++	S1P_W06++, S1P_W08++	L
	3.	Knowledge of the construction pro-forma statements.	written test, oral response	K1_W06++, K1_W07++, K1_W09++, K1_W08++	S1P_W06++	LCP
	4.	Knowledge and understanding of the methods of investments' financial profitability evaluation, classifications, divisions, purpose of usage.	written test, oral response	K1_W09++	S1P_W06++	LC
	5.	Knowledge and understanding of the proper choice of the discount rate in the dynamic methods of investment profitability calculation.	written test, oral response	K1_W08++, K1_W09++	S1P_W02++, S1P_W06++	LC
Skills	1.	Ability to build the team for the assessment of the investment project.	discussion, verification of a project that is realized in VI semester	K1_U02++, K1_U07++	S1P_U5++, S1P_U6++, S1P_U2++, S1P_U8++	P
	2.	Ability to lead the projected investment, final elaboration of pro-forma statements, final financial evaluation of the project.	discussion, verification of a project that is realized in VI semester	K1_U05++, K1_U06++, K1_U07++, K1_U08++, K1_U09++, K1_U11++, K1_U12++, K1_U13++, K1_U14++	S1P_U02++, S1P_U03++, S1P_U04++, S1P_U06++, S1P_U07++	CP
	3.	Ability to identify the risks associated with the investment.	discussion, verification of a project that is realized in VI semester	K1_U05++	S1P_U01++, S1P_U02++, S1P_U03++, S1P_U06++, S1P_U08++	CP
Social competence	1.	Student is aware of the consequences of overly optimistic and too pessimistic estimates of the effectiveness of the proposed investments.	discussion	K1_K01++, K1_K02++	S1P_K04++, S1P_K07++	C
	2.	Student is aware of the responsibility of staff teams for the evaluation of the proposed investment, their responsibility for the successes and failures of the company and even the loss of a job by other workers and bankruptcy of the company.	discussion	K1_K01++, K1_K02++, K1_K03++, K1_K04++, K1_K06++	S1P_K07++, S1P_K01++, S1P_K02++, S1P_K05++, S1P_K06++, S1P_K03++	L
	3.	Student is aware of the various pressures on the employees of these teams and the psychological and sociological interactions outside and inside the teams.	discussion	K1_K01++, K1_K03++, K1_K05++, K1_K06++	S1P_K03++, S1P_K02++	L

Course supervisors

Form of classes	Course supervisors
Lecture	PhD (Eng) Marek Wilimowski
Classes	PhD Joanna Szczepańska
Project	PhD (Eng) Marek Wilimowski /PhD Joanna Szczepańska

Teaching content

Lecture	Teaching methods		
		lecture with multimedia presentation	
No.	Subject area	Number of hours	
1.	Introduction to investments - goals, evaluation criteria of investment, investment classifications, stages.	2	
2.	Methods of assessing the financial profitability of investment, forms of investment balancing, division of methods of investment profitability calculation.	2	
3.	Estimating cash flows of investment, pro forma statements, estimating capital expenditures, incremental cash flows.	2	
4.	Static methods, static calculation of depreciation - the payback period PB, comparative calculation of costs, comparative calculation of profits, accounting rate of return ARR.	2	
5.	Dynamic methods of estimating investment profitability, the idea of investment evaluation, types of investment projects, evaluation of profitability of real investment projects in deterministic terms.	2	
6.	Assumptions of methods: NPV, PI, IRR and DPB. Comparison of methods of estimating the investment efficiency, comparison of various investment and selection a better one, methods of NPV and PI, the NPV method and IRR, NPV method and the DPB. The investment return and the IRR and PI.	2	
7.	Discussion of issues of correct analysis of investments profitability, valuation of cash flows relevant for the assessment of investment efficiency.	2	
8.	Capital costs in estimating the efficiency of investment.	2	
9.	Investment lifetime and determination of optimal lifetime.	2	
10.	The interval of time between the estimated cash flow of the investment project for the purpose of estimating the efficiency of investment, sunk costs and opportunity costs, the interaction between investment projects, depreciation of investments.	2	
11.	Working capital, spontaneous debt capital	2	
12.	Analysis of divestments and exchange.	2	
13.	Sources of investment financing, sensitivity analysis, simulation.	2	
14.	Capital budget optimization.	2	
15.	Risk, methods of investment profitability calculation in terms of risk, risk adjusted discount rate approach - RADRA	2	
Total no. of hours:			30

Classes	Teaching methods		
		solving tasks, discussion	
No.	Subject area	Number of hours	

1.	Solving tasks, analysis of examples from the field of investment profitability calculation. Usage of methods of investment profitability calculation.	7
2.	Test.	1
3.	Solving tasks, analysis of examples from the field of investment profitability calculation. Usage of methods of investment profitability calculation.	6
4.	Test.	1
Total no. of hours:		15

Project		Teaching methods	individual project consultation
No.	Subject area		Number of hours
1.	Characteristics of the investment project, the parameters describing the investment project, assumptions with respect to parameters describing the environment and affecting the financial assessment of the project.		2
2.	General project of investment. The idea and the concept of investment. Verbal description of the project divided into its elements and parameters.		1
3.	Construction of a formal investment plan in MS Excel (construction of pro-forma financial statements). Construction of sheets: Parameters; quantity, prices and sales volume of individual product groups (elements of marketing); Capital expenditures - the schedule of investment outlays, costs, dates of purchase and implementation of a fixed asset (technical and technological elements); Costs - fixed costs, variable costs; Working capital; Depreciation and net value of fixed assets; Financial sources (debt and equity); Balance sheet taking into account the distribution of profit and its impact on balance sheet items, taking into account the compulsory deductions; Income statement - having in mind the statutory elements of income statement take into account only the items ≤ 0 , the result base on fixed and variable costs calculation; CF - statement of cash flows (indirect method); Ratings (needed assessment, incl. WACC and the final assessment of investment project); any additional sheets, for example break even point, leverage degree, financial analysis, four-element break of ROE and cash conversion cycle.		4
4.	Estimating the weighted cost of capital (WACC). Taking account of inflation - the method in real prices. Assessment of investment project - static and dynamic methods.		4
5.	Assessment of investment project - static and dynamic methods. Tuning a computer model - selection of investment parameters to optimize investment assessments. The final assessment and a verbal description of the project and its evaluation.		4
6.	Project 2 – VI semester		0
7.	Discussion of the errors of the previous project. Editing errors in the previous project indicated by the teacher.		0
8.	Modification of the previous project - assessment in terms of inflation using nominal prices.		0
9.	Estimation the impact of inflation on the parameters of the model and pro-forma statements.		0
10.	Modification of pro-forma statements, taking into account the impact of inflation.		0
11.	Assessment of investment project - static and dynamic methods. Tuning a computer model - selection of investment parameters to optimize investment assessments. The final assessment and a verbal description of the project and its evaluation.		0
Total no. of hours:			15

Primary literature:

1	Wilimowska Z., Wilimowski M., Sztuka zarządzania finansami, wyd. 2, Część I i II, TNOiK OPO, Bydgoszcz 2002.
2	Brigham E.F., Gapenski L.C., Zarządzanie finansami T1/T2, PWE, Warszawa 2000.
3	Pluta W., red., Budżetowanie kapitałów, PWE, Warszawa 2000.
4	Pluta Wiesław, Planowanie finansowe w przedsiębiorstwie, PWE, 2003.

5	Machała Robert, Praktyczne zarządzanie finansami firmy, PWN, Warszawa 2001.
6	Rogowski W., Rachunek efektywności inwestycji, Wolters Kluwer Sp. z o.o., Kraków 2008.
7	Brealey R.A., Myers S.C., Podstawy finansów przedsiębiorstw, PWN 1999.
8	

Secondary literature:

1	Jackson Mary, Staunton Mike, Zaawansowane modele finansowe z wykorzystaniem Excela i VBA + CD-ROM, Helion, Gliwice 2004.
2	Słownik Reutera: międzynarodowe terminy ekonomiczne i finansowe, oprac. Limited Reuters, - BKKI - Powszechna Agencja Informacyjna, Warszawa 1992.

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Course co-ordinator

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Course description

Course name		Management Accounting II			Course			
Major		Finance and Accounting						
Profile		Practical						
Level of studies		First level						
Specialization		CORPORATE FINANCE						
Form of studies		Full-time studies						
Semester		V			Language of instruction		English	
Prerequisites for the course		Principles of finance, micro-and macro-economics, financial accounting, management accounting, banking, financial analysis, good knowledge of MS Excel learned in previous classes - students showing lack of knowledge influencing on understanding of the problems in the field "Management Accounting" will have to make up the necessary knowledge to pass.			Basic courses		N	
Form of crediting		Credit with a grade		Number of ECTS points: 1			Methods of assessment	
Form of classes and other		Number of hours in semester		Total	1	direct contact classes		
		Total	Student's workload	Direct contact	Methods of learning outcomes verification			Weight in%
Project		32	17	15	Assessment of the project, both theory and			100%
Consultation		4	0	4				
Total hours:		36	17	19				100%
Categories of learning outcomes	No.	Course learning outcomes		Methods of learning outcomes verification	Major learning outcomes	Area learning outcomes	Forms of realization	
Knowledge	1.	Student understands the criteria and principles of classification of costs in the enterprise.		written test, oral answer	K1_W06+++, K1_W07+++, K1_W15+++	S1A_W02+++, S1A_W06+++	P	
	2.	Student understands the difference between the different classifications of costs.		written test, oral answer	K1_W06+++, K1_W07+++, K1_W15+++	S1A_W02+++, S1A_W06+++	P	
	3.	Student knows activity based costing method and targeted costs method.		written test, oral answer	K1_W06+++, K1_W07+++, K1_W15+++	S1A_W02+++, S1A_W06+++	P	
	4.	Student understands the mechanism of earning by the company (ROE).		written test, oral answer	K1_W06+++, K1_W07+++, K1_W15+++	S1A_W02+++, S1A_W06+++	P	
	5.	Understand the concept and usefulness of working capital in management.		written test, oral answer	K1_W06+++, K1_W07+++, K1_W15+++	S1A_W02+++, S1A_W06+++	P	

	6.	Student is aware of the costs of financing companies, understands the mechanism of the tax shield.	written test, oral answer	K1_W06+++, K1_W07+++, K1_W15+++	S1A_W02+++, S1A_W06+++	P
	7.	Student understands the impact of information (obtained by methods of management accounting) on the decisions taken by the management.	written test, oral answer	K1_W06+++, K1_W07+++, K1_W15+++	S1A_W02+++, S1A_W06+++	P
Skills	1.	Student is able to classify costs in the enterprise. He can implement method of activity based costing and method of targeted costs in simple cases. He is able to carry out costs calculation.	written test, oral answer	K1_U07+++, K1_U08+++, K1_U09+++, K1_U12+++	S1A_U02+++, S1A_U06+++	P
	2.	Student understands the mechanism of earning by the	written test, oral answer	K1_U06+++, K1_U12+++	S1A_U02+++	P
	3.	Student is able to manage working capital. He can make WACC calculation.	written test, oral answer	K1_U06+++, K1_U05+++, K1_U07+++, K1_U09+++, K1_U12+++, K1_U14+++, K1_U15+++	S1A_U02+++, S1A_U06+++, S1A_U07+++	P
	4.	Student is able to develop information about the current state of the company and deliver it in the correct graphical form.	written test	K1_U05+++, K1_U06+++, K1_U07+++, K1_U12+++, K1_U14+++, K1_U16+++	S1A_U03+++	P
Social competences	1.	Student is aware of the responsibility of financial accounting department employees for successes and failures of company and even the loss of a job by other workers and	oral answer	K1_K01+++, K1_K02+++	S1A_K06+++, S1A_K01+++	P

Subject supervisor

Form of classes	Subject supervisor
Project	PhD (Eng) Marek Wilimowski / PhD (Eng) Zbigniew Kulas / PhD (Eng) Danuta Seretna-Salamaj / PhD Joanna Szczepańska / MSc (Eng) Adriana Halikowska

Teaching content

Project	Teaching methods	Project in MS Excel
No.	Subject classes	Number of hours
1.	Introductory classes, discussion of method and project.	2

2.	The choice of the company which will be the subject to prepare activity based costing calculation.	2
3.	Execution of project of implementation of activity based costing method.	11
4.	Verbal description of the received results with conclusions.	0
Total hours:		15

Primary literature:

1	Wnuk-Pel Tomasz, Zarządzanie rentownością: budżetowanie i kontrola, activity based costing, Difin, Warszawa 2006.
2	Karmańska Anna, Rachunkowość zarządcza ubezpieczyciela: modelowanie na podstawie rachunku kosztów działań. PWN. Warszawa 2003.
3	Wilimowska Z., Wilimowski M., Sztuka zarządzania finansami, OPO TNOiK, Bydgoszcz 2001.
4	Wilimowska Z., Wilimowski M., Seretna D., Wybrane zagadnienia rachunkowości i finansów, Oficyna Wydawnicza PWSZ w Nysie. Nysa 2003.
5	Sierpińska M., Jachna T., Ocena przedsiębiorstwa wg standardów światowych, PWN, Warszawa 2000.
6	Dudycz T., Analiza finansowa, Wyd. AE im. Oskara Langego we Wrocławiu, Wrocław 2000.
7	Dobja M., Rachunkowość zarządcza i controlling, PWN, Warszawa 2002.
8	Nowak E., Rachunek kosztów, Expert, Wrocław 2000.

Secondary literature:

1	Piotrowska M., Krótkoterminowe decyzje finansowe, seria: Finanse spółek, Wyd. AE im. Oskara Langego we Wrocławiu, Wrocław 1997.
2	Kiziukiewicz T., Czubakowska K., red., Rachunkowość zarządcza, Expert, Wrocław 2001.
3	Pluta W. red., Finanse małych i średnich przedsiębiorstw, PWE, Warszawa 2004.
4	Sierpińska M., Wędzki D., Zarządzanie płynnością finansową w przedsiębiorstwie, PWN, Warszawa 2002.
5	Sawicki K., Analiza kosztów firmy, PWE, Warszawa 2000.
6	Bień W., Czytanie bilansu przedsiębiorstwa (dla menedżerów), Finans-Servis. Zespół Doradców Finansowo-Księgowych. Warszawa 1995.
7	Karmańska Anna, Rachunkowość zarządcza ubezpieczyciela: modelowanie na podstawie rachunku kosztów działań. PWN. Warszawa 2003.
8	Słownik Reutera:międzynarodowe terminy ekonomiczne i finansowe, oprac. Limited Reuters - BKKI - Powszechna Agencja Informacyjna, cop., Warszawa 1992.
9	Jackson M., Staunton M., Zaawansowane modele finansowe z wykorzystaniem Excela i VBA + CD-ROM, Helion. Gliwice 2004.

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Course description

Course name		Diploma Seminar				Course code			
Major		Finance and Accounting							
Profile		Practical							
Level of studies		First level							
Specialization		Subject common to all specializations							
Form of studies		Full-time studies							
Semester		V				Language of instruction		English	
Prerequisites for the course						Basic courses		N	
Form of crediting						Number of ECTS points: 2			Methods of assessment
Form of classes and other		Number of hours in semester		Total	2	direct contact classes	1,2	practical classes	
		Total	Student's workload	Direct contact	Verification of teaching effects				Importance in %
Seminar		60	30	30	Presentation of the specified range of the thesis				100%
Total number of hours:		60	30	30					Total: 100%
Categories of teaching effects	No.	Course teaching effects			Methods of teaching effects verification	Major-related effects	Area based effects	Forms of realization	
Skills	1.	Skills of the correct presentation of problems: formulating problems, formulation of the goal of the thesis, the project assumptions, marketing analysis, costs analysis, the selection of financing sources, instruments of capital and money market, the efficiency of investment projects and budgeting optimization			Presentation of the specified range of the thesis	K1_U14+++, K1_U15+++, K1_U16+++, K1_U17+++	S1A_U08+, S1A_U01+, S1A_U04+, S1A_U06+, S1A_U07+, S1A_U09+, S1A_U10+, S1A_U11+	S	
	2.	Personal presentation: rhetoric, significant points in the presentation, choice of materials, language and the body language of the presenter			Presentation of the specified range of the thesis	K1_U14+++, K1_U15+++, K1_U16+++, K1_U17+++	S1A_U08+, S1A_U01+, S1A_U04+, S1A_U06+, S1A_U07+, S1A_U09+, S1A_U10+, S1A_U11+	S	
Social competence	1.	Student is designed to take on responsibility for the tasks assigned to him/her within the limits of organizational			Observations, conversation	K_K09+++	S1A_K03+++, S1A_K04+++, S1A_K05+++	S	

		roles.				
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Course supervisors

Form of classes	Course supervisors
Seminar	

Teaching content

Seminar	Teaching methods	
No.	Subject area	Number of hours
1.	Discussion of the thesis	30
Total no. of hours:		30

Primary literature:

1	Boc J.: Jak pisać pracę magisterską. Kolonia Ltd., Wrocław 2003
2	Jura J., Roszczyła J.: Metodyka przygotowania prac dyplomowych licencjackich i magisterskich. WSE, Warszawa 2000
3	Gonciarski W.: Przygotowanie pracy dyplomowej: poradnik dla studentów. WSE, Warszawa 2004

Secondary literature:

1	Brdulak J.: Zasady techniczne pisania prac dyplomowych o tematyce ekonomicznej. SGH, Warszawa 2008
2	Dudziak A., Żejmo A.: Redagowanie prac dyplomowych - wskazówki metodyczne dla studentów. Difin, Warszawa 2008

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