Course name		English Language Cours					Course code				
Major			Finance and Accounting								
Profile			Practic	Practical							
Level of studie	es		First-cy	First-cycle studies							
Specialization			Course	e common	for all sp	pecializ	zations				
Form of studies			Full-tim	ne studies							
Semester			V					L	anguage of ir	nstruction	English
Prerequisites the course	for								Basic cou	rses	N
Form of cred	iting		exami	nation			Number o	f ECT	S points: 2		
Form of classes and other		Nun	nber of ho semeste	ours in r	Total	2	direct contact classes		practical classes		Methods of assessment
		Total	Student's workload	Direct contact		V	/erification	of tea	aching effects	5	Importance in %
Laboratory 35		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 hours:	r of									Total:	100%
Categories of teaching No. effects			Course teaching effects			Methods teachin effects verificati	s of Ig S ion	Major- related effects	Area based effects	Forms of realization	
Student: - can engage in social conversations o professional issues, express his/her opinion, give and ask for advice, make suggestions showing quite a high level fluency, spontaneity and correctness		s on ake evel of s	Communic class activi	ative ities	K1_U18+	S1A_U11+	L				
Skills	2.	- can u opinion unders recorde can als intentio intervie	nderstand is and spe- tand radio ed in the st o define th ons, etc. ur ews, talk sh	other peo akers' attit documen tandard la ne speake nderstands nows and	ople's tudes, ca taries nguage f r's mood s live most film	an form, , IS	Listening compreher tests	nsion	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 Łucjanek, MSc Joanna Nowicka, MSc Patrycja Twardowska				

Teaching content

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

Primary literature:

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	Olejnik 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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Director of Institute

Course co-ordinator

Seal and signature

Course name		German Language					Course code				
Major			Finance and Accounting								
Profile			Practic	Practical							
Level of studie	es		First-cy	First-cycle studies							
Specialization			Course	common	for all sp	pecializ	zations				
Form of studie	es		Full-tim	ne studies							
Semester			V					La	anguage of ir	struction	German
Prerequisites the course	for								Basic cou	rses	Ν
Form of cred	iting		exami	nation			Number o	f ECT	S points: 2		Made la f
Form of clas	ses	Nun	nber of ho semeste	urs in r	Total	2	direct contact classes		practical classes		Methods of assessment
and other		Total	Student's workload	Direct contact		v	erification	of tea	ching effects	5	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 hours:	r of									Total:	100%
Categories of teaching effects	No.		Course teaching effects			Methods teachin effects verificat	s of Ig s ion	Major- related effects	Area based effects	Forms of realization	
	1.	Studen - can e profess opinion sugges fluency	it: ngage in s sional issue , give and stions show , spontane	ocial conv es, expres ask for ac ving quite eity and co	versation is his/her dvice, ma a high le prrectnes	s on ake evel of s	Communic class activi	ative ities	K1_U18+	S1A_U11+	L
Skills	2.	- can u opinion unders recorde can als intentio intervie	nderstand is and spe- tand radio ed in the st to define th ons, etc. ur ews, talk sh	ople's tudes, ca taries nguage f r's mood s live most film	in Form, ,	Listening compreher tests	nsion	K1_U18+	S1A_U11+	L	
	3.	- can stylistic essays "for-and handle	write ally correct on variet d-against" pro	a gramr ct film revi y of topic essay ofessional	natically iew as w s, can w , is ab	and vell as vrite a le to outine	Writing cla assignmer Home assignmer	ss its, its	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

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

Course co-ordinator

Director of Institute

signature

Seal and signature

Course name		Czech Language Course code											
Major			Financ	e and Acc	ounting								
Profile			Practic	al									
Level of studie	es		First-cy	/cle studie	S								
Specialization			Course	e common	for all sp	pecializ	zations						
Form of studie	s		Full-tim	ne studies									
Semester			V					L	anguage of ir	nstruction	Czech		
Prerequisites the course	for				-				Basic cou	rses	Ν		
Form of credi	iting		exami	nation			Number o	f ECT	S points: 2				
Form of clas	ses	Nun	nber of ho semeste	ours in r	Total	2	direct contact classes		practical classes		Methods of assessment		
and other	r	Total	Student's workload	Direct contact		V	/erification	of tea	aching effects	5	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 hours:	r of				Total:		Total:	100%					
Categories of teaching effects	No.		Course teaching effects				Methods teachin effects verificat	s of ng s ion	Major- related effects	Area based effects	Forms of realization		
	1.	Studen - can e profess opinion sugges fluency	It: ingage in social conversations on sional issues, express his/her 1, give and ask for advice, make stions showing quite a high level of 4 spontaneity and correctness				Communic class activi	ative ities	K1_U18+	S1A_U11+	L		
Skills	2.	- can u opinion unders recorde can als intentic intervie	nderstand is and spe- tand radio ed in the st o define th ons, etc. ur tws, talk sh	other peo akers' attit document andard la ne speake nderstands nows and	ople's tudes, ca taries nguage f r's mood s live most film	an form, I,	Listening compreher tests	nsion	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

Lal	Laboratory Teaching methods							
No.	Subject area							
1.	Pronouns in	the locative (locating of	bjects). Biographies of the famous people. Writing CVs.	2				
2.	A conditional r	al mood – making sente mood. The 'you should'	nces. Polite expressions and phrases with the use of a construction.	2				
3.	Degrees of o Pronouns in	comparison. Adjectives the dative. A verb + da	vs. Adverbs (comparison). Vocabulary: weather forecast. tive constructions.	2				
4.	Writing letters, e-mails, text messages. Dialogues on the phone. Vocabulary: clothes. Expressing preferences (chutnat, mít rád, líbit se, milovat).							
5.	The ablative case in the singular + pronouns. Means of transport. Interpersonal relations – a description of a character, advertisements.							
6.	Constructions expressing commands, bans, orders. Road signs. The vocative. Specialist vocabulary: collocations, vulgarisms, phrases expressing feelings.							
7.	Specialist vo style, scienti	ocabulary: Stylish types ific style, and journalistic	of the Czech language (colloquial style, speech style, office c style).	2				
8.	Microecono	omy.		2				
9.	Macroecon	omy.		2				
10.	Statistics.			2				
11.	Public finan	ice.		2				
12.	Company fi	nance.		2				
13.	Insurance.			2				
14.	Financial a	ccounting.		2				
15.	Financial ar	nalysis.		2				
			Total no. of hours:	30				

Primary literature:

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

Secondary literature:

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

Course co-ordinator

Director of Institute

signature

Seal and signature

University of Applied Science, Nysa

Institute of Finance

Educational course description

Course na	ame)	Physica	I Education					Course code	ode			
Major			Finance and Accounting										
Profile	Profile Practical												
Level of studie	es		First le	vel									
Specialization			Course	e common to a	II specia	alizati	ons						
Form of studie	s		Full-tim	ne									
Semester			V					L	anguage of inst	truction			
Prerequisites the course	for								Basic cours	es	Ν		
Form of credi	iting						Number o	of EQ	CTS points: 1				
Form of clas	505	Nu	mber of h semes	nours per ster	Total	Total 1 direct contact classes			practical classes		Methods of assessment		
Form of classes		Total	Student's workload	Direct contact		Verification of learning outcomes					Weight in%		
Classes		30		30	Observ	ation,	test of gener	ra an	d specific fitness		100		
Total hours:		30		30	Total:					100%			
Categories of learning outcomes	No.		Course le	omes	omes Of learn outcom			Major learning outcomes	Area learning outcomes	Forms of realization			
Skills	1.	He has the rar activity aesthe scienti field of	s specializ nge of sele (leisure, l ttic) in the fic disciplin study.	specialized movement skills from ge of selected forms of physical (leisure, health, sports and tic) in the subjects of science and fic disciplines relevant to the studi		om Il nd Idied					С		
	1.	The st physic	udent und al activity	erstands the n in life.	eed of		Active participation in class	on	K_K05 K_K06	H1A_K06	С		
Social competences	2.	The st	udent can	cooperate wit	h others.		Observation Social reception an individu	on. of ual	K_K01 K_K02	H1A_K02	С		

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

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Koordynator modułu (przedmiotu)

podpis

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Dyrektor Instytutu

pieczęć i podpis

University of Applied Science, Nysa

Institute of Finance

Educational course description

Course name			Protection of Intellectual Property Course code										
Major			Financ	e and Accoun	iting								
Profile		Practical											
Level of studie	es		First le	First level									
Specialization			Course	e common to a	all specia	aliz	ations						
Form of studie	es		Full-tim	ne studies									
Semester			V						Language o	f instruction			
Prerequisites the course	for								Basic	courses	N		
Form of cred	iting		Credit v	vith a grade			Numbe	r of I	ECTS points	s: 1			
Form of clas	ses	Νι	Imber of h semes	nours per ster	Total	1	direct contact classes	0,6	practical classes		Methods of assessment		
		Total	Student's workload	Direct contact		Verification of learning outcomes							
Lecture		25	10	15	Writter	Written test							
Total hours: 25		10	15	Total:					Total:	100%			
Categories of learning outcomes	No.		Course le	arning outco	mes	nes of learnin outcomes			Major learning outcomes	Area learning outcomes	Forms of realization		
	1.	Stude functions social	nt knows t oning of th organizat	he legal basis e state, econo ions.	s of omic and	Written test			K1_W12+	S1A_W06+, S1A_W09+	L		
Knowledge	2.	Stude comm needs	nt has kno nunicating s of the org	owledge about information fo janization.	t r the		Written tes	it	K1_W07+	S1A_W07+, S1A_W06+, +	L		
	3.	Stude protect (indus Under protect econc	nt knows t ction of inte strial prope rstands the ction for in omy	he basic cond ellectual prope rty and copyri e importance on novative activi	cepts of erty ight law) of this ity in the).	Written te	st	K1_W18+	S1A_W10+	L		
Skills	1.	Stude inform mana organ	nt can cho nation and gement pr ization and	oose the sourd use them to s oblems in the d its functiona	ces of solve I areas		Partial written tes observatio of the student's work durir class, conversati	ts, on ng on	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	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
Social competences	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)					
Lectur	Lecture PhD Aldona Dereń							
	Teaching methods:							
	Content of education							
1.	I. 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.							
3.	3. Legal protection of the author. Moral rights and property rights - the scope of legal protection.							
4.	4. The legal protection of software in national and European regulations.							
5.	5. The patent office - the status, functions and tasks. Patent and conditions for its acquisition. Characteristics of patent procedure.							
6.	Patent Information Datab	bases and th	eir relevance to business and intellectual property protection.	1				
7.	7. The rules of using the Patent Information Bases.							
8.	Rationalization projects ·	 principles c 	f legal protection and their importance for the company.	1				
9.	Protection of a company	, trade name	es 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.							
11.	Legal protection of utility models. Protection of industrial designs - statutory regulations of national and European law.							
12.	Topographies of integrat	ed circuits a	nd the importance of their legal protection.	1				
13.	Legal aspects of intellect	tual property	rights management in business organization.	1				
			Total hours:	15				

Primary literature:

	· · · · · · · · · · · · · · · · · · ·					
1	Barta J., Czajkowska-Dąbrowska M., Ćwiąkalski 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					
Secon	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	h an an bit M. O a la bit ma think that a difference of the data and the second bit and the second state in the					
	Zazewski M, Gołębiowski M., Własność intelektualna. Vademećum innowacyjnego przedsiębiorcy, t. III, Warszawa 2006.					
5	Zazewski M, Gołębiowski M., Własność intelektualna. Vademećum innowacyjnego przedsiębiorcy, t. III, Warszawa 2006. Mroziewski M., kapitał intelektualny współczesnego przedsiębiorstwa. Koncepcje, metody wartościowania i warunki jego rozwoju, Wyd. Difin, Warszawa 2008					
5	 Zazewski M, Gołębiowski M., Własność intelektualna. Vademećum innowacyjnego przedsiębiorcy, t. III, Warszawa 2006. Mroziewski M., kapitał intelektualny współczesnego przedsiębiorstwa. Koncepcje, metody wartościowania i warunki jego rozwoju, Wyd. Difin, Warszawa 2008 Nowińska E., du Vall M., Znowelizowane prawo własności przemysłowej, Warszawa 2002 					

8 Szymanek T., Transfer własności intelektualnej i przemysłowej, Warszawa 1995

Course name			Insurance Course code									
Major			Finance a	nd Acco	unting							
Profile			Practical									
Level of studie	S		First-cycle	e studies	3							
Specialization			Subject c	ommon	to all sp	ecializat	ions					
Form of studie	S		Full – tim	e studie	s							
Semester			V					La	nguage o	of instru	ction	English
Prerequisites for	n	one						В	asic cou	rses		N
the course												
Form of credi	ting	C	Credit with a	a grade		Nur	nber o	of EC	TS point	s: 2		Methods of assessment
Form of class and other	es	Nu se	mber of he mester	ours in	Total	2	direc conta class	ct act ses	0,8 p	oractical lasses		
		Tota	l Student's workload	Direct contact	Met	hods of	learn	ing o	outcomes	verifica	ition	Weight in%
Lecture		30	15	15	test							100%
Consultation		8	4	4								10070
Total hours:		20	10	10						Total		100%
Categories		30	19	13		Metho	ds of	Maio	or	Area lea	arning	Forms of
of learning outcomes	No.		Cours	se learn omes	ning	learnin outcor verifica	ig nes ation	leari outo	ning comes	outcom	ies	realization
Knowledge	1.	Stud of ris and proc	ent knows sk in humar the risk ma ess.	the impo activitie nageme	ortance es ent	test		K1_\ K1_	W01+++, W13+++	S1A_W S1A_W	07+++, ′08+++	L
	2.	Stud conc class func instit	ent knows epts of ins sifications, tions and in tutions.	the basi urance, insurance isurance	ic ce e	test		K1_' K1_	W01+++, W13+++	S1A_W S1A_W	01+++, ′07+++	L
	3.	Stud the k insu insu	ent has known ousiness ar rance funct rance activit rance broke	owledge nd social ioning, ity and erage.	about I	test		K1_\ K1_	W01+++, W13+++	S1A_W S1A_W +++, S1A_W	01+++, ′07+++, ′06+++	L
	4.	Stud the r prod and	ent has kn nost import ucts of soc business ir	owledge tant ial insur isurance	about ance	test		K1_	W01+++	S1A_W	/06+++	L
Skills	1.	Stud insu appr insu	ent can de rance need opriate rance prod	ousiness insurance. ent can determine dis ance needs and opriate ance products.			ion	K1_	U15+++	S1A_U(S1A_U	0 6+++ , 07+++	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

Le	ecture Teaching lecture and multimedia presentation methods				
No.			Subject	Number of	
1	Definitione	of rick and uncortain	Classes	nours	
1.	Demnitions	of risk and uncertain	ity.	1	
2.	Risk classi	fication.		1	
3.	Definitions	and characteristics of	of insurance.	1	
4.	Business and social insurance.				
5.	Functions and importance of insurance in the economy.				
6.	The institutional environment of insurance - legal basis, concessions, supervision.				
7.	Principles of business insurance functioning - elements of the insurance relationship, financial 2				
	manageme	ent.			
8.	Forms of ir	nsurance, insurance	products.	1	
9.	Life insura	nce.		1	
10.	Open pension funds. The pension reform.				
11.	Development of the Polish insurance market against the background of the international				
12.	Test.				
	·		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

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Secondary literature:

1	Ubezpieczenia komunikacyjne / red. Stanisław Rogowski ; Bożena Wolińska [et al.], Poltext, Warszawa 2006.
2	Ubezpieczenia w Unii Europejskiej / red. Jan Monkiewicz ; Artur Gąsiorkiewicz [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 Muszalski, Wydaw. Naukowe PWN, Warszawa 2008.

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Course co-ordinator signature

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Course nam	•		Company	Einance	5 M	anagement			Cours	2		
Maior	C		Finance and Accounting									
Drafila			Drastiaal									
Profile	ioo		First love	1								
Level of stud			First leve		+0.0							
Specialization	n ioo		Subject c	ommon	10 8	all specializatio	ons					
	les			e studie:	5			.		f :	4	Facilian
Semester			V						anguage	e of ins	struction	English
Prerequisite for the course	S								Basic	cours	es	N
Form of cree	diting	ex	kam			Nur	nber	of	ECTS po	oints: 7	7	Methods of
Form of clas	sses	Num seme	ber of ho	urs in	То	tal 7 direct	cont es	act	3,4 pr	actical asses		assessment
and other		Total	Student's workload	Direct contact	Ν	lethods of lea	arnin	ig o	utcomes	s verifi	cation	Weight in%
Lecture		60	30	30	wr	itten and oral e	exam					50%
Classes		30	15	15	wr	itten test						25%
Project		60	30	30	ex	ecution of a pr	oject					25%
Consultation		12	6	6								
Exam		6	3	3								
Total hours:		168	84	84						Total		100%
Categories		C ourse		-		Methods of	Maje	or le	earning	Area	learning	Forms of
of learning	NO.	Cours	e learning	9		learning	outo	com	es	outco	omes	realization
outcomes		outcon				outcomes						
Knowledge	1.	Studen of the f of the t	it has kno inancing s ousiness a	wledge strategy assets.		test, written- oral exam	K1_ K1_ K1_ K1_	W0; W0 W08 W1	2+++, 1+++, 3+++, 3+++	S1A_ S1A_ S1A_ S1A_ S1A_ S1A_	W02+++, W03+++, W06+++, W07+++, W08+++	LC
	2.	Studen about t in the compa securiti	it has kno he source ny and va ies.	wledge s of cap luation o	ital of	test, written- oral exam	K1_ K1_ K1_	W0 W0 W0	1+++, 2+++, 9+++	S1A_	W06+++	LP
	3.	Studen importa proces of busi	at understa ance of ris s ness man	ands the k in the agemen	t.	test, written- oral exam	K1_ K1_ K1_ K1_	W0 W0 W0 W1	1+++, 2+++, 7+++, 3+++	S1A_ S1A_ S1A_	W06+++, W07+++, W08+++	L
	4.	Studen meanir calcula equity, weighte capital.	t understang and me ting the co debt and ed averag	ands the othods of ost of the e cost of	f	test, written- oral exam	K1_' K1_	W09 W1	9+++, 3+++	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
	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
Skills	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 competen ces	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

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.	No. Subject						
	latas du stis		Classes	or nours			
1.	Introduction	n: objectives and the	role of financial management.	2			
2.	Capital and	d money market as a	source of financing.	2			
3.	Foreign so	urces of financing an	d their cost.	2			
4.	Own sourc	es of financing and t	heir cost.	2			
5.	Time value of money.						
6.	Investment risk and rate of return.						
7.	Methods of securities valuation (price and required rate of return).						
8.	Risk and methods of measurement of investment activity risk.						
9.	Statistical risk measures.						
10.	Portfolio theory.						
11.	Market cost of risk (CML) and the diversification of risk.						
12.	CAPM model.						
13.	Weighted average cost of capital.						
14.	Capital budget optimization.						
15.	Discrete ris	sk measures.		2			
	L		Total hours:	30			

	Classes	Teaching methods	exercises		
No.	Subject classes				
1.	Future valu	ue of money.		1	
2.	Present va	alue of money.		1	
3.	Credit amo	ortization.		1	
4.	Valuation of securities - stocks.				
5.	Estimating	the number of sha	ares and their issue price.	1	
6.	Valuation of securities - bonds.				
7.	Statistical risk measures.			1	
8.	Portfolio theory - two-element portfolio.				
9.	Market cost of risk (CML).				
10.	Beta coeffi	icient calculation.		1	

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

Project		Teaching methods	consultations		
No.	5. Subject classes				
1.	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.				26	
	Total hours:				

Primary literature:

1	Contemporary Corporate Finance, authors: McGuigan, Kretlow, Moyer
2	Financial Management. Theory and Practice, authors: Brigham, Erhardt
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Course name	e		Financial D	ata Fo	recastin	g			Course	e		
Major			Finance an	d Acco	ounting							
Profile			Practical									
Level of studi	es		First level									
Specialization			Subject cor	nmon	to all sp	ecializat	ions					
Form of studie	es		Full-time st	udies								
Semester			V					La	nguage	e of Insi	truction	English
Prerequisites for the course influe in the have			matical analysis and algebra, ptive and mathematical statistics, metrics, micro-and macro-economics, gerial accounting, financial analysis - nts showing lack of knowledge noting on understanding of the problems field "Financial Data Forecasting" will to make up the necessary knowledge to he exam.			es	N					
Form of cred	liting		Exam			Num	nber o	of ECT	'S poin	nts: 5		Methods of
Form of clas and other	ses	Num sem	ber of hour ester	s in	Total 5 direct 2,3 practical classes		cal Is	assessment				
Tot		Total	Student's workload	Direct contac	Methods of learning outcomes verification			Weight in%				
Lecture 60		60	30	30	Exam							
Project		30	15	15	Assessment of all projects 10			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			90%				
Total hours:		137	80	57		2				Total:		100%
Categories	N1 -	C			Metho	ds of	М	ajor		Area le	earning	Forms of
of learning outcomes	NO.	outc	omes		learnin outcon verifica	ng nes ation	le oi	arning utcom	g Ies	outcoi	mes	realization
1. Knowledge		A high unders analys one va differe	er degree of standing of tl is of functior ariable and ntial calculus	ne n of S.	oral test precede by a written test that allows to take th oral test		hed K K	1_W1 1_W1	4++, 6++	S1A_V S1A_V S1A_V S1A_V	V03++, N06++, V02++, N09++	LP
	2.	Basic analys severa gradie convez functic	knowledge c is of functior al variables, nt, hessian, x sets, conve n, quadratic	of ns of ex form.	oral tes by a wri that allc the oral	t preced itten tes ows to ta test	led t K ike K	1_W1 1_W1	4++, 6++	S1A_V S1A_V S1A_V S1A_V S1A_V	V03++, V06++, V02++, V09++	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				
1.	Optimization methods - introduction, classification, application, examples.					
2.	Properties of functions and sets.					
3.	Linear optimization - decision problems modeling, types of models.					
4.	Linear programming, graphical and simplex method.					
5.	Transportation problem.					
6.	Network al	lgorithms.		2		

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

Primary literature:

1	lignasiak 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.
Seco	ndary 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 name			Financial Market II Course code								
Major			Financ	Finance & Accounting							
Profile			Practic	Practical							
Level of studie	es		First-cy	First-cycle studies							
Specialization			ACCO	JNTING A	ND FINA	ANCIA	L CONTRO	DL			
Form of studie	es		Full-tim	ne studies							
Semester			V					I	_anguage of i	nstruction	English
Prerequisites the course	s for	finan	cial mathe	matics, el	ements o	of stati	stics		Basic co	urses	N
Form of cred	iting		End-of-t	erm test			Number	of EC	TS points: 5		
Form of clas	ses	Nun	ber of ho semeste	urs in r	Total	5	direct contact classes	2,5	practical classes		Methods of assessment
and other		Total	Student's workload	Direct contact		١	/erificatior	n of te	eaching effect	ts	Importance in %
Lecture 6			30	30	written e	written exam					
Laboratory 60			30	30	case study						50%
Exam 2				2							
Total number hours:	r of	122	60	62						Total:	100%
Categories of teaching effects	No.		Course teaching effects				Methods teachir effect verificat	s of ng s ion	Major- related effects	Area based effects	Forms of realization
	1.	Studen importa market	t has know ance of the economy.	vledge ab capital m	out the arket in a	a	test, discussior	า	K1_W01++, K1_W02++	S1A_W02++, S1A_W01++, S1A_W07++	L
Knowledge	2.	Studen instituti and the	t knows th ons, capita eir attribute	e capital r al market i s.	narket test, nstruments discussior		า	K1_W01++, K1_W02++	S1A_W02++, S1A_W03++, S1A_W07++	LLab	
	3.	Studen basic fi	t can nam nancial ins	e and des struments.	cribe the		test, discussior	า	K1_W02++	S1A_W06++	LLab
	4.	Studen in basic	t has the k c financial	nowledge instrumen	e how to i its.	nvest	test, discussior	า	K1_W02++, K1_W14++	S1A_W06++	Lab
Skills	1.	Studen financia	t is able to al system r	use the s narket	ervices o	of	observatio	n	K1_U14++, K1_U15++, K1_U17++	S1A_U02++, S1A_U10++	Lab
Social competence	1.	Studen activity	t is prepar on financi	ed for inde al markets	ependent 3.	t	observatio	on	K1_K02++	S1A_K01++, S1A_K06++	Lab

Course supervisors

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

Teaching content

L	.ecture	Teaching methods	Lecture and multimedia presentation					
No.	Subject area							
1.	Characterist	ics of the financial mark	ket.	2				
2.	Overview of	financial instruments.		2				
3.	Bonds analy	/sis. Value, risk, duratio	n bonds. Investment strategies.	2				
4.	Stocks analy	ysis.		2				
5.	Fundamenta	al analysis.		2				
6.	Value, incon	ne, investment risk.		2				
7.	Value, incon	ne, investment risk.		2				
8.	Derivatives a	analysis. Value measur	ement. Investment strategies.	2				
9.	Derivatives a	analysis. Value measur	ement. Investment strategies.	2				
10.	Portfolio the	ory. Portfolio managem	ent process. Portfolio analysis.	2				
11.	Portfolio the	ory. Portfolio managem	ent process. Portfolio analysis.	2				
12.	Capital mark	ket models. One indicat	or model. Multi-indicator models.	2				
13.	Capital mark	ket models. One indicat	or model. Multi-indicator models.	2				
14.	Capital mark	ket models. One indicat	or model. Multi-indicator models.	2				
15.	Capital mark	ket models. One indicat	or model. Multi-indicator models.	2				
			Total no. of hours:	30				

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

Primary literature:

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

Secondary literature:

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

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Course name			Investment Profitability Calculation Course										
Major			Finance	Finance and Accounting									
Profile			Practica	l									
Level of studie	s		First lev	el									
Specialization			ACCOU	NTING	AND	FINAN	CIAL CONT	TROL	-				
Form of studie	S		Full-time	e studies	6								
Semester			V	<u> </u>				La	nguag	e of in	struct	tion	English
Prerequisites Math desc econ for the course of f bank cost finan econ know the Profit the r (in VI			matical ptive ar metrics, ti nance, n ng, financia ccounting e, finan mic law edge influ problems ability Calc ecessary semester)	analys nd ma me valu nicro-an al and n , financ cial a - stude uencing in th culation" knowled	sis them le of d n nana ial ai nd ents on e fi will ge to	and hatical money, nacro-ed gerial ac nalysis, capital showing understa ield "Ir have to o pass	algebra, statistics, principles conomics, counting, corporate market, g lack of anding of nvestment make up the exam		Basio	cour	ses		Ν
Form of crediting			Credit with a Number of E grade			стѕ	points:	3			Methods of assessment		
Form of Num classes and		Numb seme	ber of hours in Tot		Tota	3	3 direct conta classes		2,4	pract class	ical es		
		Iotal	workload	Direct contact	IVIE	Methods of learning outcomes verification					Weight in%		
Lecture		60	30	30	LECTURE IN V SEMESTER: written and oral test			est	70%				
Classes		30	15	15	CLA	SSES I	N V SEME	STER	R: writte	n test			30%
Consultation		15		15									0%
Total hours:	1	105	45	60				.		Tot	al:		100%
Categories of learning outcomes	No.	Cou	irse learning outcomes			Metho learnin outcor verifica	ds of Ig nes ation	leari outo	or ning comes	Are out	a lear come	ning s	Forms of realization
Knowledge fir		Know exper effects of the and a financ	wledge of estimating enditures and future cts le investment project assessment its ncial efficiency.			written test, oral ł response		K1_W09++		S1F	P_W0	6++	LCP
2. ^k t		Know to the the or	ledge of is investme ganizatior	ssues re nt proce n.	written oral respons	test, se	K1_' K1_	W09++ W08++	, S1F - S1F	P_W06 P_W0	6++, 8++	L	
	3.	Know consti stater	ledge of th ruction pro nents.	ne p-forma		written oral respons	test, se	K1_\ K1_ K1_\ K1_\	W06++ W07++ W09++ W08++	, S1F	P_W0	6++	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++	Р
	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++	СР
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++	С
	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

Leo	cture	Teaching methods	lecture with multimedia presentation			
No.			Subject classes	Number of hours		
1.	Introduction classification	n to investments - go ons, stages.	pals, evaluation criteria of investment, investment	2		
2.	Methods of division of	f assessing the finan methods of investme	cial profitability of investment, forms of investment balancing, ent profitability calculation.	2		
3.	Estimating incrementa	cash flows of investi al cash flows.	ment, pro forma statements, estimating capital expenditures,	2		
4.	Static meth calculation	nods, static calculatic of costs, comparati	on of depreciation - the payback period PB, comparative ve calculation of profits, accounting rate of return ARR.	2		
5.	Dynamic m types of inv determinist	nethods of estimating vestment projects, ev tic terms.	g investment profitability, the idea of investment evaluation, valuation of profitability of real investment projects in	2		
6.	Assumptio investment of NPV an and the IR	ons of methods: NPV t efficiency, comparis d PI, the NPV metho R and PI.	7, PI, IRR and DPB. Comparison of methods of estimating the son of various investment and selection a better one, methods of and IRR, NPV method and the DPB. The investment return	2		
7.	Discussion relevant for	of issues of correct r the assessment of	analysis of investments profitability, valuation of cash flows investment efficiency.	2		
8.	Capital cos	sts in estimating the e	efficiency of investment.	2		
9.	Investment	t lifetime and determ	ination 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.					
11.	Working ca	apital, spontaneous c	debt capital.	2		
12.	Analysis of divestments and exchange.					
13.	Sources of investment financing, sensitivity analysis, simulation.					
14.	Capital buc	dget optimization.		2		
15.	Risk, meth rate approa	ods of investment pr ach – RADRA.	ofitability calculation in terms of risk, risk adjusted discount	2		
			Total hours:	30		

Clas	ses	Teaching methods	solving tasks, discussion			
No.	Subject classes					
1.	Solving tasks, analysis of examples from the field of investment profitability calculation. Usage of methods of investment profitability calculation.					
2.	Test.					
3.	Solving tasks, analysis of examples from the field of investment profitability calculation. Usage of methods of investment profitability calculation.					

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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-
	IKOM, HEIION, GIIWICE 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 signature

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Course nam	е		Costs cale	culation					Co	urse			
Major			Finance a	ind Acco	ountin	g							
Profile			Practical										
Level of stud	ies		First level										
Specialization	n		ACCOUN	TING AI	ND FI	NANC	CIAL C	ONT	ROL				
Form of studi	ies		Full-time :	studies									
Semester			V						Langu	age of	instru	uction	English
Prerequisites for the course influen the fiel make "Costs			es of fir hics, financi ting, bankir dge of MS - students ing on unde l "Managem up the nec Calculation'	hance, al accou ng, finar Excel showing erstandir hent Acc essary '.	micro unting ncial learno g lach ng of t countil know	micro-and macro- nting, management cial analysis, good earned in previous lack of knowledge g of the problems in pounting" will have to knowledge to pass						Ν	
Form of crea	diting	C	Credit with	a grade		I	Numb	er of	ECTS p	ooints	: 2		Methods of
Form of clas and other	sses	Nun sem	nber of hou nester	urs in	Total	2	direc conta class	t act ses	0,8 practical classes		assessment		
		Total	Student's workload	Direct contact	М	Methods of learning outcomes verification					cation	Weight in%	
Project		34	19	15	Asse pract	ssmei ical in	nt of th	e pro entati	oject, bo on of the	oth the e proje	ory and ect.	k	100%
Consultation		4		4									
Total hours:		38	19	19		Total:				-	100%		
Categories of learning outcomes	No.	Cou	rse learnin outcon	g nes	M le O V	lethoo arnin utcon erifica	ds of g nes ation	Ma ou	ijor lear tcomes	ning	Area I outco	earning mes	Forms of realization
	1.	Stude criteria classi enterp	nt understa a and princi fication of c prise.	nds the ples of osts in tl	wi or he	ritten t al ans	est, swer	K1 K1 K1	_W06++ _W07+ _W15+	++, ++, ++	S1P_\ S1P_'	W02+++, W06+++	Ρ
Knowledge													
	2.	Stude differe differe classi	ent understands the ence between the ent ifications of costs.		or	written test, K oral answer K K		K1 K1 K1	1_W06+++, 1_W07+++, 1_W15+++		S1P_\ S1P_'	N02+++, W06+++	P
	3.	Stude basec target	nt knows a l costing me ed costs me	ctivity ethod an ethod.	wi id or	ritten t al ans	est, swer	K1 K1 K1	_W06++ _W07++ _W15++	++, ++, ++	S1P_\ S1P_'	W02+++, W06+++	Р
	4.	Stude mecha the compa	nt understa anism of ea any (ROE).	nds the Irning by	y or	ritten t al ans	est, swer	K1 K1 K1	_W06++ _W07+ _W15+	++, ++, ++	S1P_\ S1P_'	W02+++, W06+++	Р

	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+++	Р
	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+++	Ρ
	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+++	Р
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+++	Ρ
	2.	Student understands the mechanism of earning by the company (ROE).	written test, oral answer	K1_U06+++, K1_U12+++	S1P_U02+++	Ρ
	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_U12+++, K1_U15+++	S1P_U02+++, S1P_U06+++ , S1P_U07+++	Ρ
	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+++	Ρ
Social competen ces	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+++	Ρ

Subject supervisor

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

Teaching content

Pro	oject	Teaching methods	Project in MS Excel			
No.			Subject classes	Number of hours		
1.	Introductory classes, discussion of method and project.					
2.	The choice of the company which will be the subject to prepare activity based costing calculation.					
3.	Execution	of project of implem	entation of activity based costing method.	11		
4.	Verbal des	cription of the receiv	ved 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	Dobija M., Rachunkowość zarządcza i controlling, PWN, Warszawa 2002.						
8	Nowak E., Rachunek kosztów, Expert, Wrocław 2000.						
Seco	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.						

Course co-ordinator signature

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Course name	;		Capital N	larket	Course code						
Major			Financ	e & Accou	unting						
Profile			Practic	al							
Level of studies Firs				ycle studie	s						
Specialization			CORP	ORATE F	INANCE						
Form of studie	es		Full-tim	ne studies							
Semester			V					I	_anguage of i	nstruction	English
Prerequisites the course	s for	finan	cial mathe	ematics, el	ements o	of stati	stics		Basic co	urses	Ν
Form of cred	iting		End-of-t	erm test			Number	of EC	TS points: 5		
Form of clas	ses	Nun	nber of ho semeste	ours in er	Total	5	direct contact classes	2,5	practical classes		Methods of assessment
and othe	r	Total	Student's workload	Direct contact		Verification of teaching effects				ts	Importance in %
Lecture		60	30	30	written	exam					50%
Classes		30	15	15	test						25%
Project		30	15	15	case stu	ıdy					25%
Exam		4	2	2							
Total numbel hours:	r of	124	62	62						Total:	100%
Categories of teaching effects	No.		Course t	eaching e	effects		Methods teachin effect verificat	s of ng s ion	Major- related effects	Area based effects	Forms of realization
	1.	Studen importa market	t has know ance of the economy.	vledge ab e capital m	out the arket in a	a	test, discussio	า	K1_W01++, K1_W02++	S1A_W02++, S1A_W01++, S1A_W07++	LC
Knowledge	2.	Studen instituti and the	t knows th ons, capita air attribute	e capital r al market i es.	narket test, nstruments discussior			า	K1_W01++, K1_W02++	S1A_W02++, S1A_W03++, S1A_W07++	LC
	3.	Studen basic fi	t can nam nancial ins	e and des struments.	cribe the	cribe the test, discussion			K1_W02++	S1A_W06++	LCP
	4.	Studen in basio	t has the k c financial	knowledge instrumen	e how to i its.	nvest	test, discussio	า	K1_W02++, K1_W14++	S1A_W06++	Р
Skills	1.	Studen financia	t is able to al system i	o use the s market	ervices o	of	observatio	on	K1_U14++, K1_U15++, K1_U17++	S1A_U02++, S1A_U10++	Р

Social		Student is prepared for independent	observation			
Social	1.	activity on financial markets.			S1A_K01++,	
competence				K1 K02++	S1A K06++	Р

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

L	Lecture Teaching methods Lecture and multimedia presentation					
No.			Subject area	Number of hours		
1.	Characterist	ics of the financial mark	ket.	2		
2.	Overview of	financial instruments.		2		
3.	Bonds analy	/sis. Value, risk, duratio	n bonds. Investment strategies.	2		
4.	Stocks analy	ysis.		2		
5.	Fundamenta	al analysis.		2		
6.	Value, incon	ne, investment risk.		2		
7.	Value, incon	ne, investment risk.		2		
8.	Derivatives a	analysis. Value measur	ement. Investment strategies.	2		
9.	Derivatives a	analysis. Value measur	ement. Investment strategies.	2		
10.	Portfolio the	ory. Portfolio managem	ent process. Portfolio analysis.	2		
11.	Portfolio the	ory. Portfolio managem	ent process. Portfolio analysis.	2		
12.	Capital mark	ket models. One indicat	or model. Multi-indicator models.	2		
13.	Capital mark	ket models. One indicat	or model. Multi-indicator models.	2		
14.	Capital mark	ket models. One indicat	or model. Multi-indicator models.	2		
15.	Capital mark	ket models. One indicat	or model. Multi-indicator models.	2		
			Total no. of hours:	30		

С	lasses	Teaching methods	excercises			
No.	Subject area					
1.	Solving prob	lems based on the theo	bry 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:

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

Secondary literature:

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

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Course co-ordinator

signature

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Course name			MANAGE INVESTM	EMENT OI /IENTS	LONG-TERM Course code						
Major			Finance a	and Accou	unting						
Profile			Practical								
Level of studie	es		First leve	I							
Specialization			Corporate	e Finance							
Form of studie	s		Full-time	studies				_			
Semester			V					L	anguage of in	nstruction	English
Prerequisites for the course Tin course The course		natical analysis and algebra, descriptive and natical statistics, econometrics, time value of principles of finance, micro-and macro- nics, banking, financial and managerial ing, cost accounting, financial analysis, te finance, financial and capital market, nic law - students showing lack of knowledge ing on understanding of the problems in the lanagement of Long-term Investment" will make up the necessary knowledge to pass m (in VI semester).			Basic courses N		N				
Form of crediting		Credit with a Number of		of ECTS points: 4							
Form of clas	ses	Num	ber of ho semeste	ours in r	Total	4	direct contact classes	3,2	practical classes		Methods of assessment
and other	r	Total	Student's workload	Direct contact		v	erification	of te	aching effect	S	Importance in %
Lecture		60	30	30	LECTURE IN V SEMESTER: written and oral test		30%				
Classes		30	15	15	CLASS	ES IN V	SEMESTE	STER: 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 hours:	r of	155	75	80						Total:	100%
Categories of teaching effects	No.		Course to	eaching e	effects		Methods teachir effect verificat	s of ng stion	Major- related effects	Area based effects	Forms of realization
Knowledge	1.	Knowle and fut project efficier	edge of est sure effect and asses acy.	imating ei s of the in sment its	xpenditu vestmer financia	ires it I	written te oral respo	est, onse	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
	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++	Ρ
Skills	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++	СР
	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
	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++	С
Social competence	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

L	.ecture	Teaching methods	lecture with multimedia presentation				
No.	Subject area						
1.	Introduction stages.	n to investments - goals	, evaluation criteria of investment, investment classifications,	2			
2.	Methods of division of m	assessing the financial nethods of investment	profitability of investment, forms of investment balancing, profitability calculation.	2			
3.	Estimating c incremental	cash flows of investmen cash flows.	t, pro forma statements, estimating capital expenditures,	2			
4.	Static methor calculation of	ods, static calculation of costs, comparative ca	f depreciation - the payback period PB, comparative alculation of profits, accounting rate of return ARR.	2			
5.	Dynamic me of investme terms.	ethods of estimating inv nt projects, evaluation	restment profitability, the idea of investment evaluation, types of profitability of real investment projects in deterministic	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						
7.	Discussion o relevant for	of issues of correct analy the assessment of inve	ysis of investments profitability, valuation of cash flows stment efficiency.	2			
8.	Capital costs	s in estimating the effic	iency of investment.	2			
9.	Investment	lifetime and determina	tion of optimal lifetime.	2			
10.	The interval of estimatin between inv	of time between the er g the efficiency of inves vestment projects, depr	stimated cash flow of the investment project for the purpose stment, sunk costs and opportunity costs, the interaction reciation of investments.	2			
11.	Working cap	oital, spontaneous debt	capital	2			
12.	Analysis of divestments and exchange.						
13.	Sources of investment financing, sensitivity analysis, simulation.						
14.	Capital budg	get optimization.		2			
15.	Risk, metho approach - F	ds of investment profita RADRA	ability calculation in terms of risk, risk adjusted discount rate	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

F	Project	Teaching methods	individual project consultation			
No.			Subject area	Number of hours		
1.	Characterist assumptions assessment	ics of the investment p s with respect to param of the project.	roject, the parameters describing the investment project, leters describing the environment and affecting the financial	2		
2.	General proj project divid	ject of investment. The led into its elements ar	idea and the concept of investment. Verbal description of the id 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.					
4.	Estimating t prices. Asses	he weighted cost of cap ssment of investment p	bital (WACC). Taking account of inflation - the method in real project - static and dynamic methods.	4		
5.	Assessment selection of and a verbal	of investment project investment parameters l description of the proj	static and dynamic methods. Tuning a computer model - s to optimize investment assessments. The final assessment ect and its evaluation.	4		
6.	Project 2 – V	VI semester		0		
7.	Discussion o the teacher.	of the errors of the prev	ious project. Editing errors in the previous project indicated by	0		
8.	Modification	n of the previous projec	t - assessment in terms of inflation using nominal prices.	0		
9.	Estimation t	he impact of inflation of	on the parameters of the model and pro-forma statements.	0		
10.	Modification	n of pro-forma stateme	nts, taking into account the impact of inflation.	0		
11.	Assessment selection of and a verbal	of investment project - investment parameters l description of the proj	static and dynamic methods. Tuning a computer model - s to optimize investment assessments. The final assessment ect 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						
Secon	dary literature:					
	Jackson Mary, Staunton Mike, Zaawansowane modele finansowe z wykorzystaniem Excela i VBA + CD-ROM,					
1	Helion, Gliwice 2004.					
	Słownik Reutera: międzynarodowe terminy ekonomiczne i finansowe, oprac, Limited Reuters, - BKKI -					

Powszechna Agencja Informacyjna, Warszawa 1992.

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Course name			Managen	nent Acc	ountin	g ll			Course			
Major			Finance and Accounting									
Profile			Practical									
Level of studie	es		First level									
Specialization			CORPOR	ATE FIN	IANCE	Ξ						
Form of studie	es		Full-time	studies								
Semester			V					La	nguage	of inst	ruction	English
Prerequisites for the course learn show unde "Man		Princip econo manag analys learne showir unders "Mana up the	iples of finance, micro-and macro- omics, financial accounting, agement accounting, banking, financial /sis, good knowledge of MS Excel led in previous classes - students /ing lack of knowledge influencing on erstanding of the problems in the field hagement Accounting" will have to make he necessary knowledge to pass						Basic	Ν		
Form of cred	iting	C	Credit with a	a grade			Numb	per of	ECTS p	oints:	1	Methods of
Form of classes and other		Nun sem	nber of hou nester	urs in	rs in Total 1 dire con clas		direct contac classe	rt s	0,8	practica classes	al S	assessment
7		Total	Student's workload	Direct contact	Methods of learning outcomes verification					omes	Weight in%	
Project		32	17	15	Assessment of the project, both theory and					100%		
Consultation		4	0	4								
Total hours:		36	17	19						Total	:	100%
Categories of learning outcomes	No.	Cou	rse learnin outcor	ig nes	Met lear oute veri	hods o ning comes ficatior	f	Major learni outco	ng omes	Area outco	learning omes	Forms of realization
	1.	Stude criteria classif the er	nt understa a and princi fication of c nterprise.	inds the iples of osts in	writte ansv	en test, ver	oral	K1_W K1_W K1_W	/06+++, /07+++, /15+++	S1A_ S1A_	_W02+++, _W06+++	Ρ
Knowledge	2.	Stude differe differe costs.	nt understa ence betwee ent classifica	ands the en the ations of	writte ansv	en test, ver	oral	K1_W K1_W K1_W	/06+++, /07+++, /15+++	S1A_ S1A_	_W02+++, _W06+++	Р
	3.	Stude based targete	nt knows ac costing me ed costs me	ctivity ethod an ethod.	d writte ansv	en test, ver	oral	K1_W K1_W K1_W	/06+++, /07+++, /15+++	S1A_ S1A_	_W02+++, _W06+++	Р
	4.	Stude mecha the compa	nt understa anism of ea any (ROE).	ands the arning by	writte answ	en test, ver	oral	K1_W K1_W K1_W	/06+++, /07+++, /15+++	S1A_ S1A_	W02+++, W06+++	Р
	5.	Under and u capita in mar	rstand the c sefulness c l nagement.	concept of working	writte g ansv	en test, ver	oral	K1_W K1_W K1_W	/06+++, /07+++, /15+++	S1A_ S1A_	W02+++, W06+++	Р

	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+++	Р
	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+++	Р
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+++	Ρ
	2.	Student understands the mechanism of earning by the	written test, oral answer	K1_U06+++, K1_U12+++	S1A_U02+++	Р
	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_U12+++, K1_U15+++	S1A_U02+++, S1A_U06+++, S1A_U07+++	Ρ
	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+++	Ρ
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+++	Ρ

Subject supervisor

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

Teaching content

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

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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	Dobija 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-Ksiegowych. 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 name	;		Diploma	Seminar	Course code							
Major			Finance and Accounting									
Profile			Practical									
Level of studie	es		First leve	First level								
Specialization			Subject c	Subject common to all specializations								
Form of studies			Full-time	Full-time studies								
Semester			V						Language of	instruction	English	
Prerequisites for the course Basic courses				urses	Ν							
Form of cred	iting						Number	of E	CTS points: 2			
Form of clas	Form of classesNumber of hours in semesterTotal2direct contact classes1,2practical 			Methods of assessment								
and othe	r	Total	Student's workload	Direct contact			Verificatio	/erification of teaching eff		ts	Importance in %	
Seminar		60	30	30	Presenta	tion of	f the specifie	d rang	e of the thesis		100%	
										1		
l otal number hours:	r Of	60	30	30						Total:	100%	
Categories of teaching effects	No.		Course t	eaching e	effects		Methods teachir effect verificat	s of ng s ion	Major- related effects	Area based effects	Forms of realization	
Skills	1.	Skills o probler formula project costs a source money investn optimiz	of the corre ns: formula ation of the assumptio nalysis, th s, instrume market, th nent project ration	ect present ating prob goal of th ons, marke e selection ents of cap he efficient cts and bu	presentation of ing problems, joal of the thesis, the s, marketing analysis, selection of financing ts of capital and efficiency of a and budgeting		Presentat of the specified range of t thesis	ion he	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.	Person signific choice body la	al present ant points of materia inguage of	ation: rhet in the pre ls, langua the prese	toric, sentatior ge and tl enter	n, he	Presentat of the specified range of t thesis	ion he	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.	Studen respon him/he	it is design sibility for r within the	ed to take the tasks a e limits of o	on assigned to		Observati conversat	ons, ion	K_K09+++	S1A_K03+++, S1A_K04+++, S1A_K05+++	S	

	roles.		

Course supervisors

Form of classes	Course supervisors
Seminar	

Teaching content

Seminar Teaching methods		Teaching methods		
No.			Subject area	Number of hours
1.	Discussion of	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., Roszczypała 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, Warszawa2008		

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