Curriculum title: US-wykład ogólnouc	zelniany-O+P-	I+JM-	S-23/24Z-rea	alizacja w 24	/25					
Unit: Wykład ogólnouczelr	niany [moduł]									
Course title: Economics for non-e (OGÓLNOUCZELNIA)		konoi	mia dla nieel	konomistów)			Course code: US1000AIJ343	2_83S	
Name of field of study: wykład ogólnouczeln	iany									
Mode and cycle of study: I stopnia + JSM, full -	time		Profile of study ogólnoakad	^{/:} demicki i pra	ktyczny		Specialty:			
Course / module status elective	1 3 3 3 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4									
	_		Form	of	No. of	hours				
Year	Semeste	er	instruc			including learnin		Type of credit	E	CTS
2	3		lectu	re	15	0		pg		1
Total					1:	5				1
Course / module coordinator	dr AGNIESZK	A BRE	TYN	<u>'</u>			'		<u>'</u>	
Course instructor	dr AGNIESZK									
Course / module objectives								o explain key proc ships between par		
Prerequisites	none									
				LEARNING (OUTCOMES					
Category		No.	Code	Description						rogramme nmarks
		1	EP1	1				macroeconomic ce within them.		
knowledge		2	EP2	macroecor		sses as w	ell as the	n variables and e relationship		
		1	EP3	Student ca relationshi	n recognize	, describe ır betweeı	and eva	f the economy,		
skills		2	EP5		n correctly i		lassify a	nd explain the		
		3	EP6	discusses	n prepare a the challeng us on macro	es of the	modern	economy with a		
social competences		1	EP7		nt is aware o croeconomi			f knowledge in		
No. of hours										
			CONTENT					Semester		including e-learning
Subject title: Economics	Subject title: Economics for non-economists (ekonomia dla nieekonomistów)									
Format of instruction: lect	ture									
1. What is the economic	s?							3	2	0
2. Prices and markets. 1	2. Prices and markets. The role of prices. An overview.									
3. Understand interest r	ates							3	3	0

4. Labour market						3	2	0
5. The national economy	. Prospe	rity and welfare an	haw to measure it			3	3	0
6. Macroeconomic pheno	omena - I	behavioral approac	:h			3	2	0
	Interac	ctive lecture, case-	study, discussion, teamwork.					
Modes of delivery	to Univ	versity of Szczecin be and possibilities of	specify how artificial intelligence should be use best practices and standards. The course teac using AI and shall present a catalogue of t eeds and possibilities within a given course.	her shall info tools and ap	orm st	udents in the	eir first clas	s about the
				No. of learning outcome from the syllabus				
Assessment methods	ent methods PROJEKT							2,EP3,EP5,I
	Metody i formy weryfikacji efektów uczenia si mog zosta zmienione dla studentów ze szczególnymi potrzebami na warunkach i zasadach okre lonych w Regulaminie Studiów Uniwersytetu Szczeci skiego.							
Grading criteria	Students are evaluated on the basis of a group project and activity during the lecture. The final grade is a grade for the group project expressed in the number of points. From 51% of the points - satisfactory; from 70% - satisfactory from 80% - good; from 90% - good +; from 95 % - very good Grade calculation principles							
S .	The course grade is a lecture grade							
Final grade calculation	Sem.	Course		Type of c	redit	Grade ca method	l l	ight for the average
method	3		n-economists (ekonomia dla nieekonomistów) n-economists (ekonomia dla nieekonomistów)	zaliczenie	-	Wa ona		
	3	[wykład]	ocen 1,0					1,00
Basic reading	<u> </u>	•	118): Macroeconomics, 5th Edition, Worth Publ					
Supplementary reading			, , , ,					
			STUDENT WORKLOAD					
			No. of hours					
				includir	ng e-le	earning		
Contact hours			15	0				
Participation in test / ex	am		1	0				
Preparation for contact	hours		2	0				
Private reading and stu-	dying		2	0				
Participation in tutorials			1	0				
Preparation of project / essay / etc.			3	0				
Preparation for test / exam			1 0					
TOTAL workload			25					
ECTS credits			1					

Curriculum title: US-wykład ogólnoucz	zelniany-O+P-	I+JM-	S-23/24Z-rea	alizacja w	24/25					
Unit: Wykład ogólnouczelr	niany [moduł]									
Course title: Visual thinking (my I (OGÓLNOUCZELNIAI)						Course code: US1000AIJ343	3_11S	
Name of field of study: wykład ogólnouczeln	iany									
Mode and cycle of study: I stopnia + JSM, full -	time	1	Profile of study ogólnoakad		oraktyczny		Specialty:			
Course / module status elective					Language of semester:		h langua	ıge		
Year	Semester Form of instruction No. of hours No. of hours Type of credit ECTS									
2	3		lectu	re	15	0	9	pg		1
Total					1	5				1
Course / module coordinator	dr HANNA SO	ROKA	-POTRZEBNA	4					·	
Course instructor	dr HANNA SO	ROKA	-POTRZEBNA	4						
Course / module objectives	-				eating a drawing			chieving better res	ults.	
Prerequisites	No requiremen			.ug	ioi compotoney	истоюр	one and a	Jillovilly Doctor 100	uno:	
				LEARNIN	G OUTCOMES					
Category		No.	Code	Description	on					programme hmarks
La coda da c		1	EP1	The stud	lent knows the	rules of	isual thi	nking.		
knowledge		2	EP2	The stud	lent knows adv	anced vi	sual stru	ctures.		
		1	EP3	The stud	lent is able to	create vis	ual struc	tures.		
skills		2	EP4		lent is able to a al thinking.	apply tech	nniques a	and methods tha	t	
		1	EP5		lent is able to creativity at the			iscussed issues	•	
social competences		2	EP6	The stud	lent recognizes	s the imp	ortance o	of visual thinking	J -	
			001177117						No. of	hours
	CONTENT Semester including e-learning									
Subject title: Visual think	ing (my lenie w	vizualn	ne)							
Format of instruction: lect	ture									
1. Visual thinking - cond	ept, rules, appl	icatior	า					3	3	0
2. The alphabet of visua	l thinking							3	3	0
3. Advanced visual stru								3	3	0
4. Techniques and meth Metaplan	ods using visua	al thin	king - mind m	nap, lotus flo	ower, Walt Disne	ey method,		3	6	0

	Lectur	re, Multimedia pres	sentation					
Modes of delivery	to Univ	versity of Szczecin be and possibilities of	specify how artificial intelligence should be us best practices and standards. The course tead f using AI and shall present a catalogue of needs and possibilities within a given course	cher shall inform s tools and applica	tudents in the	r first class about the		
						No. of learning outcome from the syllabus		
Assessment methods	PRAC	A PISEMNA/ ESEJ	/ RECENZJA			EP1,EP2,EP3,EP4, P5,EP6		
			ektów uczenia si mog zosta zmienione dla st gulaminie Studiów Uniwersytetu Szczeci skiego.	ıdentów ze szczegó	Inymi potrzeba	mi na warunkach i		
	Passir	ng in writing.						
Grading criteria	Grade	calculation principle	es					
	The fir	e final grade is a subject grade.						
Final grade calculation	Sem.	Course		Type of credit	Grade cal	c. Weight for the average		
method	3	Visual thinking (m	y lenie wizualne)		Wa ona			
	3	9 (y lenie wizualne) [wykład]	zaliczenie z ocen		1,00		
		oka-Potrzebna (202 ci skiego, Szczecin	1): Metody i techniki heurystyczne w zarz dza	iniu projektami, Wy	/dawnictwo Ur	niwersytetu		
Basic reading	K. Jó v	wik (2017): My lenie	e wizualne 2.0 : skuteczna komunikacja, MT B	iznes, Warszawa				
	K. bik	kowska (2012): Map	y my li w biznesie, Helion, Gliwice					
	N. Mar	gulies, Ch. Valenza	(2005): Visual Thinking, Crown House Publish	ning				
Supplementary reading	W. Bra	and (2017): Visual th	ninking: empowering people & organizations th	rough visual collab	oration, BIS F	Publishers BV		
			STUDENT WORKLOAD					
			No. of hours					
				including e-l	earning			
Contact hours			15	0				
Participation in test / ex	kam		0	0				
Preparation for contact	hours		0	0				
Private reading and stu	ıdying		4	0				
Participation in tutorials	3		1	0				
Preparation of project /	essay /	etc.	5	0				
Preparation for test / ex	xam		0 0					
TOTAL workload			25					
ECTS credits			1					

Curriculum title: US-wykład ogólnouc	zelniany-O+P-	I+JM-	S-23/24Z-rea	alizacja w 24	/25				
Unit: Wykład ogólnouczelr	niany [moduł]								
Course title: American Cultural Im (OGÓLNOUCZELNIA		eryka	ski kulturo	owy imperiali	zm)			Course code: US1000AIJ3440	_36S
Name of field of study: wykład ogólnouczeln	iany								
Mode and cycle of study: I stopnia + JSM, full -	Mode and cycle of study: I stopnia + JSM, full - time Profile of study: ogólnoakademicki i praktyczny Specialty:								
Course / module status elective		•			Language of semester:		sh langua	ıge	
	_		Form	of	No. of	hours			
Year	Semeste	r	instruc			including learnin		Type of credit	ECTS
2	3		lectu	re	15	0		pg	1
Total					1	5			1
Course / module coordinator	dr RENATA NO	OWAC	ZEWSKA						
Course instructor	dr RENATA NO	OWAC	ZEWSKA						
	Acquainting st in the USA.	tudent	ts with the es	sence of Amer	ican culture i	n the light	of historic	cal and cultural cha	nges taking place
Course / module objectives	cultural diplon	nacy. tudent	ts with the ex	amples of Ame	erican cultura			g impact upon the w	_
Prerequisites	Knowledge of	Englis	sh B2						
				LEARNING (OUTCOMES				
Category		No.	Code	Description					Ref. to programme benchmarks
		1	EP1	and mecha		nave shap	ed Ame	theory of culture ican social and	
knowledge		2	EP2		dentifies the , military, ar				
		3	EP3	consequen	understands ices of Ame life and its i	rican risir	ig power		
A student can recognize and critically analyze the examples of American cultural diplomacy and the role they bear in the wider context of America's growing dominance.									
2 EF			EP5		s prepared to of cultural do				
Jinilo		3	EP6	of America		nal activit	ies in a v	terpret the cases vider context of d goals.	
		4	EP7		e popular re			changes taking an cultural	

social competences		1	EP8	A student is prepared to eva verify it on the bases of avai order to develop his skills in American dominance in pop	ilable source mand interpreting exa	terials in		
			CONTEN	-		Camantan	N	o. of hours
			CONTEN	ı		Semester		including e-learning
Subject title: American Cu	ıltural İm	perialism (a	meryka ski	kulturowy imperializm)				
Format of instruction: lectu	ıre							
1. Theoretical framework	of cultur	re, imperialis	sm, hegemo	ony, public diplomacy, soft power e	etc.	3	2	0
2. From American except	ionalism	to Hemisph	eric Imperi	alism		3	2	0
3. Westernization- Ameri	canizatio	n vs. Anti-A	mericanism	1		3	2	0
4. Methods and examples and TV, design and mate				y: exchange programs, sports, art, ld fairs),	music, film	3	3	0
5. Cultural imperialism of	n the Inte	ernet				3	2	0
6. The role of philanthrop	y and de	evelopment a	aid in cultur	ral imperialism		3	2	0
7. Post 9/11 cultural diplo	macy					3	2	0
Modes of delivery	to Univ	ersity of Szcand possibili	zecin best p ties of using	y how artificial intelligence should be ractices and standards. The course to g Al and shall present a catalogue and possibilities within a given cou	eacher shall inform of tools and applic	students in the	eir first o	class about the evant learning
							outco	of learning ome from the syllabus
Assessment methods	KOLOI	KWIUM						EP2,EP3,EP4,E P6,EP7,EP8
				uczenia si mog zosta zmienione dla nie Studiów Uniwersytetu Szczeci skieg		ólnymi potrzeb	ami na w	arunkach i
				al test that consists of multiple cho % in order to pass it.	ice questions and	open ended o	uestior	ns; a student
Grading criteria	Grade	calculation p	rinciples					
	The fin	al grade is t	he grade fr	om the lecture.				
	Sem.	Course			Type of credit	Grade ca method		Weight for the average
Final grade calculation method	3	American C		rialism (ameryka ski kulturowy		Wa ona		
	3		ultural Impe	rialism (ameryka ski kulturowy	zaliczenie z ocen			1,00
	Arndt, I	R. (2005): TI	ne First Res	ort of Kings: American Cultural Diplom	nacy in the Twentietl	Century., W	ashingto	on
	Arnove	, R.C. ed. (1	982): Philan	thropy and Cultural Imperialism: The	Foundations at Hom	e and Abroad	, Bloon	nington, Ind.,
		. (2008): The Cambridge,	Cold War a	nd the United States Information Ager	ncy. American Propa	ıganda and Ρι	ıblic Dip	lomacy, 1945-
Basic reading	Krige,	J. (2006): An	nerican Heg	emony and the Postwar Reconstruction	on of Science in Eur	ope. , Cambrid	ge,	
	Saunde	ers, F.S. (20	00): The Cul	tural Cold War: The CIA and the World	ld of Arts and Letters	s., New York		
	Sreberny-Mohammadi, A. (1997): 'The Many Cultural Faces of Imperialism,' in Beyond Cultural Imperialism: Globalization, Communication and the New International Order., London,							
	Stepha	n, A. ed. (20	008): The Ar	mericanization of Europe. Culture, Dip	olomacy and Anti-Am	nericanism afte	r 1945.	, New York,
	Tomlin	son, J. (1997	7): Cultural I	mperialism: A Critical Introduction., Ba	altimore,			

Supplementary reading	Littleton, T. and Maltby Sy Alabama Press	kes, (1989): Advancing Ameri	Littleton, T. and Maltby Sykes, (1989): Advancing American Art: Painting, Politics and Cultural Confrontation at Mid-Century, , Alabama Press					
		STUDENT WORK	LOAD					
		No. of hours						
			including e-learning					
Contact hours		15	0					
Participation in test / exam		1	0					
Preparation for contact	hours	0	0					
Private reading and stud	dying	5	0					
Participation in tutorials		0	0					
Preparation of project /	essay / etc.	0	0					
Preparation for test / ex	Preparation for test / exam		0					
TOTAL workload	OTAL workload		25					
ECTS credits	ECTS credits		1					

Curriculum title: US-wykład ogólnouc	zelniany-O+P-	·I+JM-	-S-23/24Z-re	alizacja w 2	4/25				
Unit: Wykład ogólnouczelr	niany [moduł]								
Course title: Dante's "Divine Come sprawiedliwo, tolei (OGÓLNOUCZELNIA) Name of field of study: wykład ogólnouczelni	rancja i wolno NE)		rance and Fi	reedom ("Bo	oska komedia	a" Dantego:	Course code: US1000AIJ344	43_39S	
Mode and cycle of study: I stopnia + JSM, full -	time		Profile of study ogólnoakad	y: demicki i pra	aktyczny	Specia	alty:		
Course / module status elective		'			Language of semester:	instruction: 3 - english lang	guage		
	_		Form	of	No. of	hours			
Year	Semeste	er	instruc	_		including e- learning	Type of credit	t E	CTS
2	3		lectu	ıre	15	0	pg		1
Total					1	5			1
Course / module coordinator	dr hab. MARIN	IO BA	LDUCCI	1				1	
Course instructor	dr hab. MARIN	IO BA	LDUCCI						
Course / module objectives	the history an	d theo	logical cultur	re of the Midd	le Ages. Clarif	ying the relations	ual symbolism, with s hip between Dante, I ods of medieval Italia	slam, free l	love and
Prerequisites	General know	ledge	related to Ch	ristian theolo	gy.				
	I			LEARNING	OUTCOMES				
Category		No.	Code	Description	1				orogramme hmarks
knowledge		1	EP1	1	the structure ine Comedy./		d historical context	t	
		2	EP2	Having sp symbolisr		elated to Dante	's theological		
skills		1	EP3		analyzing an d of dantolog		ic research articles	s	
SKIIS		2	EP4	Correctly Comedy.	analyzing sig	gnificant passag	ges of the Divine		
social competences		1	EP5		are of the Eur petic work.	opean and glob	pal importance of		
			CONTENT				0	No. of	f hours
			CONTENT				Semester		including e-learning
Subject title: Dante's "Di	vine Comedy":	Justic	e, Tolerance a	and Freedom	("Boska kome	dia" Dantego: sp	rawiedliwo , tolerar	ncja i wolno)
Format of instruction: lec	ture								
General introduction. Comedy.	Dante, his time	, his c	ulture and ma	ain works. St	ructure and the	emes of the Divin	e 3	3	0
2. Inf. I-V. The beginning	g of the journey	amon	g the dead, li	mbo and the	lustful.		3	2	0
3. Inf. VIII-X; XV; XVIII; X	XXIV. From the	City c	of Dis to Lucip	pher			3	2	0
4. Purg. IX. The night tri	I. Purg. IX. The night trip.								

5. Purg. XXVI. Purgatoria	al lust.				3	2	0	
6. Purg. XXVIII. Matelda a	3	2	0					
7. Par. VIII-IX. The sky of Par. XIX-XX. "Fides impli			ce.		3	2	0	
Modes of delivery	Lecture, dialogue, description and commentary of images. The course teacher shall specify how artificial intelligence should be used as part of implementation of the course to University of Szczecin best practices and standards. The course teacher shall inform students in their first scope and possibilities of using Al and shall present a catalogue of tools and applications adjusted to reoute outcomes and teaching needs and possibilities within a given course.							
			No. of learning outcome from th syllabus					
Assessment methods								
	PREZE	ENTACJA				EP1,EP2	,EP3,EP4	
			iektów uczenia si mog zosta zmienione dla stu gulaminie Studiów Uniwersytetu Szczeci skiego.	dentów ze szczegó	Inymi potrzeb	ami na waru	nkach i	
Grading criteria	recom In the (howe	The condition for obtaining a pass is a positive result of the oral test covering knowledge from lectures and recommended literature, and the presentation prepared by the student on a given topic. In the event of an unsatisfactory grade correction, the final grade is reduced by 1.0, compared to the grade received (however, it cannot be less than 3.0). Grade calculation principles						
	The grade for the course is the grade for the lecture.							
	Sem. Course Type of credit Grade meth						ght for the verage	
Final grade calculation method	3	("Boska komedia' wolno)	omedy": Justice, Tolerance and Freedom ' Dantego: sprawiedliwo , tolerancja i		Wa ona	Va ona		
	3	("Boska komedia' wolno) [wykład		zaliczenie z ocen		1,00		
Basic reading	(Canad Dante (Canad	da) Alighieri (1986): Th da) Alighieri (1984): Th	e Divine Comedy: Inferno [translated by Allen Medical Divine Comedy: Paradiso [translated by Allen Divine Comedy: Purgatorio [translated by Allen Divine Comedy: Purga	n Mandelbaum], P	enguin Rando	om House,	Toronto	
Supplementary reading								
			STUDENT WORKLOAD					
			No. of hours					
				including e-	earning			
Contact hours			15	0				
Participation in test / ex	am		1	0				
Preparation for contact	hours		0	0				
Private reading and stu	dying		4	0				
Participation in tutorials			1	0				
Preparation of project /	essay /	etc.	2	0				
Preparation for test / ex	am		2	0				
TOTAL workload 25								
ECTS credits 1								

Curriculum title: US-wykład ogólnouc	zelniany-O+P-	I+JM-	-S-23/24Z-rea	alizacja w 24	/25				
Unit: Wykład ogólnouczelr	niany [moduł]								
Course title: Law and lawyers in the (OGÓLNOUCZELNIA)		anons	s, conventio	ns and stere	otypes		Course code: US1000AIJ343	5_14S	
Name of field of study: wykład ogólnouczeln	iany								
Mode and cycle of study: I stopnia + JSM, full -	time		Profile of study ogólnoakad	^{/:} demicki i pra	ktyczny	Special	ty:		
Course / module status elective		,			Language of semester:	instruction: 3 - english lang	uage		
			Form	of	No. of	hours			
Year	Semeste	er	instruc	tion		including e- learning	Type of credit	E	CTS
2	3		lectu	re	15	0	pg		1
Total					1:	5			1
Course / module coordinator	prof. dr hab. I	MACIE	JO CA						
Course instructor	prof. dr hab. I	MACIE	JJO CA						
Course / module objectives	Presenting the	e evol	ution of the de	evelopment of	the image of	law and lawyers ir	fine arts.		
Prerequisites	None.								
				LEARNING (OUTCOMES				
Category		No.	Code	Description					orogramme hmarks
		1	EP1	knows the	functions of	art and the way	s of its influence		
knowledge		2	EP2	knows the	role of pictu	ire in shaping hu	ıman worldview		
akilla		1	EP3	is able to h		al understandin	g of general		
skills		2	EP4		o recognize s, and justic		mbolism related to		
assial sampatanasa		1	EP5			and that the imp			
social competences		2	EP6			he tools with wh uence the viewe	ich the creator of a	a	
			00117717				0	No. o	hours
			CONTENT				Semester		including e-learning
Subject title: Law and law	vyers in the fine	arts;	canons, conv	entions and s	tereotypes				<u>I</u>
Format of instruction: lecture									
1. The blind Justice (ico	nography of Ju	stice i	in art).				3	1	0
2. lus Divinum and lex h	numana (the div	ine an	d human orig	ins of law in a	rt).		3	1	0
3. The medieval codex a	and the contemp	porary	legal code.				3	1	0
4. Glosses and miniatur	es (tools for be	tter le	arning of the I	aw).			3	1	0
5. Patrons, saints and a	dvocates (legal	repre	sentatives in a	art).			3	1	0
6. Fair judge, just legisl	Fair judge, just legislator (mythologization, manipulation, self-creation).								

7. Justinian the Divine (c	anonizat	tion of Roman law)			3	1	0		
8. All roads lead to Rome (ancient symbolics in state propaganda). 3									
9. Salus animarum suprema lex (christian legal iconography). 3 1 0									
10. Nos, Romani (some p	oieces of	Polish legal icono	graphy).		3	1	0		
11. Trial for insulting reli	gious fee	elings (the casus o	f Paolo Vereonese).		3	1	0		
12. Legal motives in exlibrises.									
13. New Augustus - old o	clown (Be	enito Mussolini and	d his visual propaganda).		3	1	0		
14. Rome and Washingto	3	1	0						
15. Some selected juristi	3	1	0						
	Lectur	re.							
Modes of delivery	to Univ	versity of Szczecin be and possibilities of	specify how artificial intelligence should be us best practices and standards. The course tea using AI and shall present a catalogue of seeds and possibilities within a given course	cher shall inf tools and a	orm students in the	eir first cla d to relev No. c	ss about the vant learning of learning		
						1	ne from the Ilabus		
Assessment methods						EP1.EP	2,EP3,EP4,E		
PRACA PISEMNA/ ESEJ/ RECENZJA							P5,EP6		
Metody i formy weryfikacji efektów uczenia si mog zosta zmienione dla studentów ze szczególnymi potrzebami na warunkach i zasadach okre lonych w Regulaminie Studiów Uniwersytetu Szczeci skiego.							runkach i		
	Positiv		written work. The rules for assessing written	en work are _l	presented by the	ecturer d	uring the		
Grading criteria	Grade	calculation principle	es						
	The gr	rade for the subjec	t is 100% of the grade for passing the lectu	ıre.					
	Sem.	Course		Type of c	redit Grade ca		eight for the average		
Final grade calculation method	3		in the fine arts; canons conventions and to i prawnicy w sztukach pi knych; kanony,		Wa ona		avolugo		
	3	Law and lawyers i	in the fine arts; canons conventions and o i prawnicy w sztukach pi knych; kanony,	zaliczenie ocen	Z		1,00		
Basic reading	M. Jo		zymskie. , Marginalia., Lublin.		·	·			
Supplementary reading									
			STUDENT WORKLOAD						
			No. of hours						
				includir	ng e-learning				
Contact hours 15 0									
Participation in test / exam 0 0									
Preparation for contact hours 0 0									
Private reading and studying 5 0									
Participation in tutorials	;		0	0					
Preparation of project /	essay /	etc.	0	0					
Preparation for test / ex	am		5	0					

TOTAL workload	25
ECTS credits	1

Curriculum title: US-wykład ogólnouc	zelniany-O+P-	I+JM	-S-23/24Z-rea	alizacja w 24	/25					
Unit: Wykład ogólnouczelr	niany [moduł]									
Course title: Bioterrorism (bioterro (OGÓLNOUCZELNIA)								Course code: US1000AIJ3446	5_32 S	
Name of field of study: wykład ogólnouczeln	iany									
Mode and cycle of study: I stopnia + JSM, full -	time		Profile of study ogólnoakad	r: demicki i pral	ktyczny		Specialty			
Course / module status elective		'			Language of semester:		sh langua	age		
	ear Semester		Form of instruction		No. of hours					
Year						including e- learning		Type of credit		ECTS
2	3		lectu	re	15	0		pg		1
Total					1	5				1
Course / module coordinator	dr in . JAKUB	SKOI	RUPSKI							
Course instructor	dr in . JAKUB									
Course / module objectives		or dete						in bioterrorist attac lles of conduct in th		
Prerequisites	Basic knowled	dge of	biology							
				LEARNING C	OUTCOMES					
Category		No.	Code	Description						orogramme hmarks
knowledge		1	EP1	The student knows and understands basic knowledge in the field of bioterrorist and epidemiological threats and knowledge related to the risk of their occurrence, analysis and criteria for assessing the effects and counteracting their occurrence						
		2	EP2	The student knows and understands the possibilities and consequences of bioterrorist acts for state security						
skills		1	EP3	activities, in regarding t	he use of bi onclusions,	alyze and ological v	discuss veapons	pioterrorist his observations and formulate nd specialist		
SKIIIS		2	EP4	The student is able to apply appropriate procedures for maintaining biological safety, crisis management and protection against the effects of a bioterrorist attack						
		1	EP5					ed knowledge ceived scientific		
social competences		2	EP6	solving scienational se	entific probl curity and to	lems and o seek the	practica opinior	knowledge in I tasks related to I of experts in In independently		
CONTENT Semester —					No. of hours					
									including e-learning	

Subject title: Bioterrorism	Subject title: Bioterrorism (bioterroryzm)							
Format of instruction: lectu	ire							
1. Introduction to the issue of bioterrorism. Types and recognition of bioterrorist attacks 3 2						2	0	
2. Biosecurity levels 3						3	2	0
3. Biological weapons - introduction. Modern diagnostic techniques in the detection and identification of biological weapons						3	2	0
4. Exotoxins produced by	y Bacillu	s anthracis and Cl	ostridium botulinum bacteria			3	2	0
5. Dangers resulting from tularemia and brucellosis infection 3 2 0						0		
6. Dangers resulting from infection with plague and cholera 3 2 0							0	
7. Pox virus and viral hemorrhagic fevers. Other biological substances that can be used as biological weapons 3 2 0						0		
8. Procedure in the event	of a bio	terrorist attack				3	1	0
	Lectur	e with multimedia	presentation, Case study, Discussion					
Modes of delivery	to Univ	versity of Szczecin be and possibilities of	specify how artificial intelligence should be use best practices and standards. The course teach using AI and shall present a catalogue of t eeds and possibilities within a given course.	ner shall inf ools and a	orm stu	idents in the	ir first clas	s about the
							No. of learning outcome from the syllabus	
Assessment methods	ssment methods KOLOKWIUM						EP1,EP2,EP3,EP4,I P5,EP6	
	Metody i formy weryfikacji efektów uczenia si mog zosta zmienione dla studentów ze szczególnymi potrzebami na warunkach i zasadach okre lonych w Regulaminie Studiów Uniwersytetu Szczeci skiego.						nkach i	
	Positiv	ve grade from the v	written test					
Grading criteria	Grading criteria Grade calculation principles							
-	Assessment of the written test							
Final grade calculation	Sem.	Course Type of			credit	Grade cal method		ight for the average
method	3	Bioterrorism (biote	erroryzm)	zaliozania	_	Wa ona		
	3 Bioterrorism (bioterroryzm) [wykład] zaliczenie z ocen				1,00			
Basic reading	Berlin		(2009): Bioterrorism and Infectious Agents: A litry and Bioterrorism: Containing and Preventin					-
						, Dattorwor		ariii, Oxioiu
Supplementary reading	Lentzo	s ⊦. (2016): Biologio	cal Threats in the 21st Century, Imperial College	e Press, Lo	ndon			
			STUDENT WORKLOAD					
			No. of hours	includi	na e. lo	arning		
Contact hours 15			15	0	including e-learning			
Participation in test / exa	 am		1	0				
Preparation for contact			1	0				
Private reading and studying			2	0				
Participation in tutorials			1	0				
Preparation of project /	essay / o	etc.	0	0				

Preparation for test / exam	5	0
TOTAL workload	25	
ECTS credits	1	

Curriculum title: US-wykład ogólnouc	zelniany-O+P-	l+JM-	-S-23/24Z-re	alizacja w 2	4/25					
Unit: Wykład ogólnouczelr	niany [moduł]									
Course title: The Dark side of the (OGÓLNOUCZELNIA)	Universe (cier NE)	nna s	trona Wszec	ch wiata)				Course code: US1000AIJ344	5_28S	
Name of field of study: wykład ogólnouczeln	iany									
Mode and cycle of study: I stopnia + JSM, full -	time		Profile of study ogólnoakad		aktyczny		Specialty	:		
Course / module status elective					Language of semester:		h langua	age		
			Form	of	No. of	hours				
Year	Semeste	er	instruc	· • · · —	including e-			Type of credit	E	ECTS
2	3		lectu	re	15	0		pg		1
Total					1	5				1
Course / module coordinator	dr hab. VINCE	NZO S	SALZANO	•			<u>'</u>		•	
Course instructor	dr hab. VINCE									
Course / module objectives	Universe. To f	amilia	rize the stude	ents with the		and status		igin, constitution a t cosmological obs		
Prerequisites	brak									
				LEARNING	OUTCOMES					
Category		No.	Code	de Description Ref. to progra benchmark						
knowledge		1	EP1	Knows the basic notions on which modern cosmological models are built. The student is familiar with the terms: electromagnetic spectrum, redshift, dark matter, dark energy, gravitational lensing, cosmic microwave background. The student is aware of the limits of applicability of the main physical theories and particular models.						
		1	EP2	Can discuss various physical cosmological models and observations and critically discuss their limits.						
skills		2	EP3	Is able to list, discuss, and debate basic scientific concepts related to cosmology and can apply the criterion of scientificity.						
social competences		1	EP4	Can take and express a critical attitude and get involved in a discussion on selected physical cosmological models and selected interpretations of our Universe's models.						
CONTENT Semester						Semester	No. of hours including e-learning			
Subject title: The Dark si	de of the Unive	rse (ci	emna strona \	Wszech wiat	:a)					
Format of instruction: lec		(•					
1. The Game of Spectrum, and its rules 3 2						2	0			
						2	0			
3. The history of a star 3 2							2	0		
										•

4. Nothing will ever look the same again					3	1	0	
5. A photo from a young	Universe	•			3	2	0	
6. Gravity: to be or not be a force?						1	0	
7. Hidden things					3	1	0	
8. Turn on the radio!					3	1	0	
9. The light for the dark(e	st) side				3	1	0	
10. Surf the (gravitational) waves							0	
11. Bonus Chapterhome?							0	
Modes of delivery	Modes of delivery The course teacher shall specify how artificial intelligence should be used as part of implementation of the course according to University of Szczecin best practices and standards. The course teacher shall inform students in their first class about the scope and possibilities of using AI and shall present a catalogue of tools and applications adjusted to relevant learning outcomes and teaching needs and possibilities within a given course.						about the	
					No. of lea outcome fro syllabu			
Assessment methods					5,			
		A PISEMNA/ ESEJ		dantén .		EP1,EP2	•	
	Metody i formy weryfikacji efektów uczenia si mog zosta zmienione dla studentów ze szczególnymi potrzebami na warunkach i zasadach okre lonych w Regulaminie Studiów Uniwersytetu Szczeci skiego.							
	esej/prezentacja							
Grading criteria	Grade calculation principles							
	Ocena ko cowa z przedmiotu to ocena z wykładu							
Final grade calculation	Sem.				Grade ca method	I	ght for the verage	
method	3				Wa ona			
	The Dark side of the Universe (ciemna strona Wszech wiata) zaliczenie ocen			ocen			1,00	
	Becky	Becky Smethurst (2019): Space: 10 Things You Should Know - , Seven Dials						
	Brian C	Clegg (2019): Dark I	Matter & Dark Energy, Icon Books					
			osmos Explained, Ivy Press					
Basic reading			niverse: An Astronomer's Guide, Belknap Press					
			nd of Everything (Astrophysically Speaking), Sc		I edition			
			The Invisible Universe - , Oneworld Publication					
	Stephe	n Hawking (2020):	Brief Answers to the Big Questions, Hodder An	d Stoughton Ltd.				
Supplementary reading								
			STUDENT WORKLOAD					
	No. of hours							
Contact become			45		ling e-learning			
Contact hours			15	0				
Propagation for contact			0					
Preparation for contact hours			5	0				
Private reading and stud	ayıng		5	0				

Participation in tutorials	1	0	
Preparation of project / essay / etc.	4	0	
Preparation for test / exam	0	0	
TOTAL workload	25		
ECTS credits	1		