

COURSE SYLLABUS AND SPECIFICATION

Curriculum title: US-wykład ogólnouczelniany-O+P-I+JM-S-25/26Z-realizacja w 26/27						
Unit: Wykład ogólnouczelniany [moduł]						
Course title: World's Telecommunications Markets: An International Perspective (światowe rynki telekomunikacyjne: perspektywa międzynarodowa) (OGÓLNOUCZELNIA NE)					Course code: US1000APNOJ3434_65S	
Name of field of study: wykład ogólnouczelniany						
Mode and cycle of study: I stopnia + JSM, full - time		Profile of study: ogólnoakademicki i praktyczny			Specialty:	
Course / module status elective				Language of instruction: semester: 4 - english language		
Year	Semester	Form of instruction	No. of hours		Type of credit	ECTS
				including e-learning		
2	4	lecture	15	0	pg	1
Total			15			1
Course / module coordinator	dr hab. MACIEJ CZAPLEWSKI					
Course instructor	dr hab. MACIEJ CZAPLEWSKI					
Course / module objectives	The main goal of the course is to provide students with knowledge about global telecommunications markets, developing the ability to analyze data and business strategies occurring on these markets and shaping them competence in making informed decisions, taking into account factors affecting this market.					
Prerequisites	None					
LEARNING OUTCOMES						
Category	No.	Code	Description			Ref. to programme benchmarks
knowledge	1	EP1	Understanding the global structure of telecommunications markets, including history, current trends and future forecasts.			
	2	EP2	Awareness of cultural and regulatory differences affecting the functioning of global markets telecommunications.			
skills	1	EP3	Analysis and interpretation of market-related telecommunications data at a global and regional level.			
	2	EP4	Assessment of business and potential strategies threats and opportunities in global telecommunications markets.			
social competences	1	EP5	Ability to make business decisions with taking into account global factors influencing telecommunications market, such as regulations, technologies and consumer trends.			
CONTENT					Semester	No. of hours
Subject title: World's Telecommunications Markets: An International Perspective (światowe rynki telekomunikacyjne: perspektywa międzynarodowa)						
Format of instruction: lecture						
1. Technological evolution in telecommunications					4	3 0
2. Telecommunications regulations on a global and national scale					4	3 0

3. The impact of digitalization on the development of telecommunications markets				4	3	0
4. Cultural differences and marketing strategies in the telecommunications industry				4	3	0
5. Transformation of telecommunications markets into information and communication markets				4	3	0
Modes of delivery	Lecture combined with a multimedia presentation, case studies					
	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.					
Assessment methods					No. of learning outcome from the syllabus	
	PROJEKT				EP1,EP2,EP3,EP4,EP5	
	Metody i formy weryfikacji efektów uczenia się mogą zostać zmienione dla studentów ze szczególnymi potrzebami na warunkach i zasadach określonych w Regulaminie Studiów Uniwersytetu Szczecińskiego.					
Grading criteria	Getting a positive assessment of the project					
	Grade calculation principles					
	The final grade for the course is 100% of the grade for the project					
Final grade calculation method	Sem.	Course	Type of credit	Grade calc. method	Weight for the average	
	4	World's Telecommunications Markets: An International Perspective (światowe rynki telekomunikacyjne: perspektywa międzynarodowa)		Ważona		
	4	World's Telecommunications Markets: An International Perspective (światowe rynki telekomunikacyjne: perspektywa międzynarodowa) [wykład]	zaliczenie z oceną		1,00	
Basic reading	Goggin Gerard (2011): Global Mobile Media, Routledge, London					
Supplementary reading	Abbi Sushama (2021): Handbook of Research on Internationalization of Entrepreneurial Innovation in the Global Economy, IGI Global, Hershey					
	Maciej Czaplewski (2025): Przekształcenia współczesnych rynków usług telekomunikacyjnych na przykładzie analizy rynków wybranych państw, WYDAWNICTWO NAUKOWE UNIwersytetu SZCZECIŃSKIEGO, Szczecin					
STUDENT WORKLOAD						
		No. of hours				
		including e-learning				
Contact hours		15		0		
Participation in test / exam		0		0		
Preparation for contact hours		0		0		
Private reading and studying		2		0		
Participation in tutorials		1		0		
Preparation of project / essay / etc.		6		0		
Preparation for test / exam		1		0		
TOTAL workload		25				
ECTS credits		1				

COURSE SYLLABUS AND SPECIFICATION

Curriculum title: US-wykład ogólnouczelniany-O+P-I+JM-S-25/26Z-realizacja w 26/27							
Unit: Wykład ogólnouczelniany [moduł]							
Course title: Economics for non-economists (ekonomia dla nieekonomistów) (OGÓLNOUCZELNIA NE)					Course code: US1000APNOJ3432_59S		
Name of field of study: wykład ogólnouczelniany							
Mode and cycle of study: I stopnia + JSM, full - time			Profile of study: ogólnoakademicki i praktyczny		Specialty:		
Course / module status elective				Language of instruction: semester: 4 - english language			
Year	Semester	Form of instruction	No. of hours		Type of credit	ECTS	
				including e-learning			
2	4	lecture	15	0	pg	1	
Total			15			1	
Course / module coordinator	dr AGNIESZKA BRETYN						
Course instructor	dr AGNIESZKA BRETYN						
Course / module objectives	The aim of the course is to provide students with knowledhe about economic issues and problems, to provide the ability to identify key problems and relationships in the economy and to prepare students to recognize the importance of knowledge in solving economic problems.						
Prerequisites	none						
LEARNING OUTCOMES							
Category	No.	Code	Description			Ref. to programme benchmarks	
knowledge	1	EP1	Student knows and describes the macroeconomic aggregates				
	2	EP2	Student has knowledge about main variables and economic processes as well as the relationship between entities in modern economy				
skills	1	EP3	Student can correctly identify, classify and explain the macroeconomic aggregates.				
	2	EP4	Student can recognize, describe and evaluate the relationships that occur between parts of the economy, as well as the role of economic decision makers				
	3	EP5	Student can prepare a presentation in a group and discusses the challenges of the modern economy with a special focus on economic problems				
social competences	1	EP6	The student is aware of the importance of knowledge in solving economic problems.				
CONTENT					Semester	No. of hours	
							including e-learning
Subject title: Economics for non-economists (ekonomia dla nieekonomistów)							
Format of instruction: lecture							
1. What is the economy?					4	2	0
2. Prices and markets. The role of prices. An overview.					4	3	0
3. Understand interest rates					4	3	0

4. Labour market				4	2	0
5. The national economy. Prosperity and welfare and how to measure it				4	3	0
6. Economic phenomena - behavioral approach				4	2	0
Modes of delivery	lecture with discussion elements, case-study, discussion					
	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.					
Assessment methods					No. of learning outcome from the syllabus	
	PROJEKT				EP1,EP2,EP3,EP4,EP5,EP6	
	Metody i formy weryfikacji efektów uczenia się mogą zostać zmienione dla studentów ze szczególnymi potrzebami na warunkach i zasadach określonych w Regulaminie Studiów Uniwersytetu Szczecińskiego.					
Grading criteria	The course grade is a lecture grade					
	Grade calculation principles					
	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					
Final grade calculation method	Sem.	Course	Type of credit	Grade calc. method	Weight for the average	
	4	Economics for non-economists (ekonomia dla nieekonomistów)		Ważona		
	4	Economics for non-economists (ekonomia dla nieekonomistów) [wykład]	zaliczenie z oceną		1,00	
Basic reading	Krugman, P., Wells, R. (2018): Macroeconomics, 5th Edition, Worth Publishers, New York :					
	Mankiw, N.G. (2018): Principles of Macroeconomics, 8th Edition, Cengage Learning, Inc. :					
Supplementary reading						
STUDENT WORKLOAD						
		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 studying		4		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				

COURSE SYLLABUS AND SPECIFICATION

Curriculum title: US-wykład ogólnouczelniany-O+P-I+JM-S-25/26Z-realizacja w 26/27						
Unit: Wykład ogólnouczelniany [moduł]						
Course title: The Symbolic Appropriation of Regained Territories after the Second World War, the Case of Western Pomerania (oswajanie symboliczne Ziem Odzyskanych po II wojnie światowej na przykładzie Pomorza Zachodniego) (OGÓLNOUCZELNIANE)					Course code: US1000APNOJ3440_67S	
Name of field of study: wykład ogólnouczelniany						
Mode and cycle of study: I stopnia + JSM, full - time		Profile of study: ogólnoakademicki i praktyczny			Specialty:	
Course / module status elective				Language of instruction: semester: 4 - english language		
Year	Semester	Form of instruction	No. of hours		Type of credit	ECTS
				including e-learning		
2	4	lecture	15	0	pg	1
Total			15			1
Course / module coordinator	dr PAWEŁ MIGDAŁSKI					
Course instructor	dr PAWEŁ MIGDAŁSKI					
Course / module objectives	The aim of the course is to familiarise students with the processes of shaping the cultural landscape of the Recovered Territories, using Western Pomerania after the Second World War as a case study. The course also aims to equip students with the tools to critically engage with the surrounding historical and contemporary propaganda narratives.					
Prerequisites	No prerequisites.					
LEARNING OUTCOMES						
Category	No.	Code	Description			Ref. to programme benchmarks
knowledge	1	EP1	The student has advanced knowledge of the specific nature of the mythology of the Recovered Territories.			
	2	EP2	The student possesses advanced knowledge of the terminology associated with the mythology of the Recovered Territories			
skills	1	EP3	The student is able to recognise the various effects of propaganda, use a range of information sources independently, and select from them by assessing their informational value			
	2	EP4	The student is able to identify terminology characteristic of the mythology of the Recovered Territories in the surrounding discourse			
social competences	1	EP5	The student is able to correctly identify moral and ethical issues associated with alternative visions of the past and the ideological dimension of historical policy			
CONTENT					Semester	No. of hours
Subject title: The Symbolic Appropriation of Regained Territories after the Second World War, the Case of Western Pomerania (oswajanie symboliczne Ziem Odzyskanych po II wojnie światowej na przykładzie Pomorza Zachodniego)						
Format of instruction: lecture						
1. Introduction to the subject of the Recovered Territories. Roots and circumstances: an introduction to the mythology of the Recovered Territories					4	2 0
2. Academic research on and in Pomerania after 1945					4	2 0

3. The Slavicisation of space and the search for Slavic traces			4	2	0
4. Propaganda media: Museums and their role			4	2	0
5. Propaganda media: schools, historical sites, monuments, ceremonies, literature, legends			4	2	0
6. Selected narratives - case studies			4	5	0
Modes of delivery	lecture with elements of discussion and a multimedia presentation				
	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.				
Assessment methods				No. of learning outcome from the syllabus	
	KOŁOKWIUM			EP1,EP2,EP3,EP4,EP5	
	Metody i formy weryfikacji efektów uczenia się mogą zostać zmienione dla studentów ze szczególnymi potrzebami na warunkach i zasadach określonych w Regulaminie Studiów Uniwersytetu Szczecińskiego.				
Grading criteria	The course is assessed on the basis of a written test. The coordinator?s mark constitutes the lecture mark. Students are given a test comprising 12 multiple-choice, short-answer and open-ended questions. A total of 20 marks can be awarded for the test. Grade 5 ? 19?20 marks. Grade 4.5 ? 17?18 marks. Grade 4 ? 15?16 marks. Grade 3.5 ? 13?14 marks. Grade 3 ? 10?12 marks. Grade 2 ? 0?9 marks.				
	Grade calculation principles				
	The lecture mark is the course mark.				
Final grade calculation method	Sem.	Course	Type of credit	Grade calc. method	Weight for the average
	4	The Symbolic Appropriation of Regained Territories after the Second World War, the Case of Western Pomerania (oswajanie symboliczne Ziem Odzyskanych po II wojnie światowej na przykładzie Pomorza Zachodniego)		Ważona	
	4	The Symbolic Appropriation of Regained Territories after the Second World War, the Case of Western Pomerania (oswajanie symboliczne Ziem Odzyskanych po II wojnie światowej na przykładzie Pomorza Zachodniego) [wykład]	zaliczenie z oceną		1,00
Basic reading	Migdalski P., Adam of Bremen's Gesta Hammaburgensis pontificum as an inspiration for Polish politics of history in Wolin after WW2, w: Adam of Bremen's Gesta Hammaburgensis Ecclesiae Pontificum. Origins, Reception and Significance, red. G. Bartusik, R. Biskup, J. Morawiec, London–New York 2022 :				
	Migdalski P., Die Rolle der Museen im Prozess der kulturgeschichtlichen Aneignung der westpommerschen Geschichte nach dem Zweiten Weltkrieg/Muzea w procesie kulturowego osławiania przeszłości Pomorza Zachodniego po drugiej wojnie światowej, „Museumsblätter – Mitteilungen des Museumsverbandes Brandenburg”, 2017, z. 30 :				
	Migdalski P., Early-medieval Slavdom as a factor legitimizing the Polish presence westward as exemplified by Western Pomerania, „Quaestiones Medii Aevi Novae” 25, 2020 :				
	Migdalski P., Polityka historyczna na Pomorzu Zachodnim w latach 1945–1989, w: Region czy regiony? Ziemie Zachodnie i Północne 1945–1989, red. W. Kucharski, Wrocław 2022 :				
	Migdalski P., The Interest of Polish Communist Security Services in German Pomeranians and Their Historical Organizations in the Federal Republic of Germany, w: Unter Beobachtung Under Surveillance: Vertriebenenverbände im Blick der sozialistischen Sicherheitsdienste The Monitoring of Expellee Organizations by the Socialist Security Services, red. S. Lehr, Berlin–Boston 2022 :				
	Z. Romanow, Kreowanie „polityki pamięci” na Pomorzu Zachodnim w latach 1945–2000, Poznan 2002 (= Zeszyty Instytutu Zachodniego 24) :				
Supplementary reading	Migdalski P., Biskup szczecińsko-kamieński Kazimierz Majdański epigonem polskiej myśli zachodniej, w: Nad Odrą i Bałtykiem. Myśl zachodnia: ludzie – koncepcje – realizacja do 1989 roku, red. M. Semczyszyn, T. Sikorski, A. Wątor, Szczecin 2013 :				
	Migdalski P., The Beginnings of Polish interest in the early medieval past of Kołobrzeg (until the end of the 1950s), „Przegląd Zachodni, Journal of the Institute for Western Affairs in Poznań”, 2020 Special Issue :				
	P. Migdalski, Na starym trakcie. Słowiańskie watki w mitologii Ziem Odzyskanych na Pomorzu Zachodnim (do 1989 r.), Wrocław 2025 :				

STUDENT WORKLOAD		
	No. of hours	
		including e-learning
Contact hours	15	0
Participation in test / exam	2	0
Preparation for contact hours	0	0
Private reading and studying	3	0
Participation in tutorials	2	0
Preparation of project / essay / etc.	0	0
Preparation for test / exam	3	0
TOTAL workload	25	
ECTS credits	1	

COURSE SYLLABUS AND SPECIFICATION

Curriculum title: US-wykład ogólnouczeniowy-O+P-I+JM-S-25/26Z-realizacja w 26/27							
Unit: Wykład ogólnouczeniowy [moduł]							
Course title: Introduction to cognitive English grammar (wprowadzenie do gramatyki kognitywnej języka angielskiego) (OGÓLNOUCZELNIANE)					Course code: US1000APNOJ3442_70S		
Name of field of study: wykład ogólnouczeniowy							
Mode and cycle of study: I stopnia + JSM, full - time		Profile of study: ogólnoakademicki i praktyczny			Specjalty:		
Course / module status elective				Language of instruction: semester: 4 - english language			
Year	Semester	Form of instruction	No. of hours		Type of credit	ECTS	
				including e-learning			
2	4	lecture	15	0	pg	1	
Total			15			1	
Course / module coordinator		dr PATRYCJA KAMIŃSKA					
Course instructor		dr PATRYCJA KAMIŃSKA					
Course / module objectives		Familiarizing students with the fundamentals of cognitive analysis of English grammar. Developing English language skills through a deeper understanding of how the language is motivated by the perception of the world.					
Prerequisites		no requirements					
LEARNING OUTCOMES							
Category	No.	Code	Description			Ref. to programme benchmarks	
knowledge	1	EP2	The student knows and understands the basic principles of cognitive grammar of English				
skills	1	EP3	The student is able to use basic terminology related to English conceptual and linguistic categories				
social competences	1	EP1	The student is prepared to broaden their knowledge through lifelong learning				
CONTENT					Semester	No. of hours	
						including e-learning	
Subject title: Introduction to cognitive English grammar (wprowadzenie do gramatyki kognitywnej języka angielskiego)							
Format of instruction: lecture							
1. Categories and cognitive operations in thought and language.					4	4	0
2. Nouns and noun phrases: types, grounding, quantifying, qualifying.					4	4	0
3. Situations as temporal units: Aspect, tense and modality.					4	4	0
4. Situations as relational units: Event schemas, space and extensions of space.					4	3	0
Modes of delivery	wykład multimedialny						
	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.						

Assessment methods					No. of learning outcome from the syllabus
	KOŁOKWIUM				EP1,EP2,EP3
	Metody i formy weryfikacji efektów uczenia się mogą zostać zmienione dla studentów ze szczególnymi potrzebami na warunkach i zasadach określonych w Regulaminie Studiów Uniwersytetu Szczecińskiego.				
Grading criteria	Passing the written test on the Teams platform (a multiple-choice test with one correct answer). Grading scale: 60-67%: 3.0 68-74%: 3,5 75-82%: 4.0 83-89%: 4.5 90-100%: 5.0				
	Grade calculation principles				
	The course grade is the same as the lecture grade.				
Final grade calculation method	Sem.	Course	Type of credit	Grade calc. method	Weight for the average
	4	Introduction to cognitive English grammar (wprowadzenie do gramatyki kognitywnej języka angielskiego)		Ważona	
	4	Introduction to cognitive English grammar (wprowadzenie do gramatyki kognitywnej języka angielskiego) [wykład]	zaliczenie z oceną		1,00
Basic reading	Gunter Radden, Renee Dirven (2007): Cognitive English Grammar, John Benjamins, Amsterdam				
Supplementary reading	Leszek Berezowski (1997): Iconic motivation for the definite article in English geographical proper names. Studia Anglica Posnaniensia 32: 127-144				
	Renee Dirven, Marjolijn Verspoor (eds) (2004): Cognitive Exploration of Language and Linguistics, John Benjamins, Amsterdam				
STUDENT WORKLOAD					
		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 studying		3	0		
Participation in tutorials		2	0		
Preparation of project / essay / etc.		0	0		
Preparation for test / exam		4	0		
TOTAL workload		25			
ECTS credits		1			

COURSE SYLLABUS AND SPECIFICATION

Curriculum title: US-wykład ogólnouczeniiany-O+P-I+JM-S-25/26Z-realizacja w 26/27						
Unit: Wykład ogólnouczeniiany [moduł]						
Course title: Fabric of Reality (struktura rzeczywistości) (OGÓLNOUCZELNIA NE)					Course code: US1000APNOJ3445_75S	
Name of field of study: wykład ogólnouczeniiany						
Mode and cycle of study: I stopnia + JSM, full - time			Profile of study: ogólnoakademicki i praktyczny		Specialty:	
Course / module status elective				Language of instruction: semester: 4 - english language		
Year	Semester	Form of instruction	No. of hours		Type of credit	ECTS
				including e-learning		
2	4	lecture	15	0	pg	1
Total			15			1
Course / module coordinator		dr hab. TOMASZ DENKIEWICZ				
Course instructor		dr hab. TOMASZ DENKIEWICZ				
Course / module objectives		To familiarize students with current interpretations of the fundamental physical theories?general relativity and quantum mechanics?the limits of their applicability, and current research problems in science. To acquaint students with the relationships between physical theories and their areas of scientific application, as well as with their connections to selected philosophical traditions. To develop students? ability to critically analyze the literature and to foster their readiness for the continuous and critical acquisition of knowledge.				
Prerequisites		None				
LEARNING OUTCOMES						
Category	No.	Code	Description			Ref. to programme benchmarks
knowledge	1	EP1	The student understands the relationships between the fundamental physical theories, is familiar with the concepts of scientific theories and models, and understands the limits of applicability of physical theories and models. The student is familiar with the basic philosophical concepts related to the interpretation of physical theories.			
skills	1	EP2	The student is able to critically discuss various physical models and to identify and critically assess the limits of applicability of selected physical theories.			
	2	EP3	The student is able to identify, explain, and discuss fundamental scientific concepts, and to apply the criterion of scientific validity.			
social competences	1	EP4	The student is able to adopt and critically articulate a position, and to participate in discussion on selected physical models and selected interpretations of physical theories.			
CONTENT					Semester	No. of hours
						including e-learning
Subject title: Fabric of Reality (struktura rzeczywistości)						
Format of instruction: lecture						
1. Basic concepts: theorem, principles and laws of physics, theory, model. Criteria of scientific validity. The idea as the foundation of discoveries, and the experiment and its role in science.					4	3 0

2. Physical theories, their interrelations, and their limits of applicability. Classical mechanics; electrodynamics; thermodynamics; quantum mechanics; general relativity; special relativity; the Standard Model of elementary particles; the evolution of the Universe; determinism, operationalism, realism, randomness, reductionism		4	4	0
3. Wave-particle duality; quantum mechanics; the wave function; quantum states; the Young double-slit experiment; the Mach-Zehnder experiment; Bell's inequality; quantum entanglement.		4	4	0
4. Interpretations of physical theories; the limits of applicability of physical theories; the relationship between physical theory and reality; the many-worlds concept (multiverse as a falsifiable scientific theory); time travel.		4	4	0
Modes of delivery	Lecture			
	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.			
Assessment methods				No. of learning outcome from the syllabus
	PRACA PISEMNA/ ESEJ/ RECENZJA			EP1,EP2,EP3,EP4
	Metody i formy weryfikacji efektów uczenia się mogą zostać zmienione dla studentów ze szczególnymi potrzebami na warunkach i zasadach określonych w Regulaminie Studiów Uniwersytetu Szczecińskiego.			
Grading criteria	Passing the course requires obtaining a positive grade for the essay.			
	Grade 3.0 Understanding of content: The essay demonstrates a basic familiarity with the subject matter of the course, although the analysis remains superficial. Structure and organization: The text is generally linguistically correct, but its structure is chaotic, lacking a clear division into introduction, main body, and conclusion. Argumentation: There is only a minimal attempt to present arguments; reflections are brief and not always supported by references to sources and course materials. Critical thinking: The essay lacks deeper analysis and independent conclusions.			
	Grade 3.5 Understanding of content: The author demonstrates a better understanding of the issues, although the analysis is still at times fragmentary. Structure and organization: The essay has an overall structural outline, but transitions between sections may be awkward or not fully coherent. Argumentation: There are attempts to engage critically with sources and course content; the argumentation is more developed, but still requires greater depth. Critical thinking: There is evidence of an attempt at independent interpretation and reflection, but the ideas are often not fully developed and references to course content lack precision.			
	Grade 4.0 Understanding of content: The essay demonstrates solid knowledge of the issues discussed. The author is able to draw conclusions based on the literature and course material. Structure and organization: The text is logically organized, with a clear introduction, main body, and conclusion. Transitions between sections are smooth. Argumentation: The arguments are well justified and supported by examples or references to the course. The analysis is systematic. Critical thinking: The author presents independent reflections and is able to synthesize information, although the essay could include more original insights.			
	Grade 4.5 Understanding of content: The essay demonstrates deep and multifaceted understanding of the topic, going beyond obvious observations. Structure and organization: The essay is very well organized, with a clear division into sections and a logical flow of thought. Argumentation: The argumentation is coherent and precise. The author makes extensive reference to course materials and the literature, analyzing them critically. Critical thinking: The essay stands out for its original and well-justified conclusions. It demonstrates the ability to compare different perspectives and to reflect deeply on the issues presented.			
	Grade 5.0 Understanding of content: The essay demonstrates outstanding mastery of the topic, showing not only full understanding of the issues but also an innovative interpretation. Structure and organization: The text is excellently organized, with clearly defined stages in the development of the argument and smooth transitions between successive sections. Argumentation: The presentation of the argument is not only coherent but also highly persuasive. Each thesis is supported by careful analysis, examples, and references to the course and the literature. Critical thinking: The essay is distinguished by exceptional depth of analysis, originality, and the ability to synthesize different strands of thought. The work is inspiring and encourages further reflection.			
	Grade calculation principles			

The final grade for the course is the grade awarded for the lecture.

Final grade calculation method	Sem.	Course	Type of credit	Grade calc. method	Weight for the average
	4	Fabric of Reality (struktura rzeczywistości)		Ważona	
	4	Fabric of Reality (struktura rzeczywistości) [wykład]	zaliczenie z oceną		1,00
Basic reading	David Deutsch. (1997): The fabric of reality., Penguin Books.				
	Lee Smolin. (1997): The Life of cosmos., OUP.				
Supplementary reading					
STUDENT WORKLOAD					
		No. of hours			
					including 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		1	0		
Preparation of project / essay / etc.		0	0		
Preparation for test / exam		4	0		
TOTAL workload		25			
ECTS credits		1			

COURSE SYLLABUS AND SPECIFICATION

Curriculum title: US-wykład ogólnouczeniowy-O+P-I+JM-S-25/26Z-realizacja w 26/27							
Unit: Wykład ogólnouczeniowy [moduł]							
Course title: Human Parasites in the World (pasożyty człowieka na świecie) (OGÓLNOUCZELNIANE)					Course code: US1000APNOJ3446_52S		
Name of field of study: wykład ogólnouczeniowy							
Mode and cycle of study: I stopnia + JSM, full - time			Profile of study: ogólnoakademicki i praktyczny		Specialty:		
Course / module status elective				Language of instruction: semester: 4 - english language			
Year	Semester	Form of instruction	No. of hours		Type of credit	ECTS	
				including e-learning			
2	4	lecture	15	0	pg	1	
Total			15			1	
Course / module coordinator	dr hab. IZABELLA RZĄD						
Course instructor	dr hab. IZABELLA RZĄD						
Course / module objectives	Providing students with knowledge about the biology and ecology of human parasites, parasitological diagnostics, the importance of parasites in the human economy and environmental testing for the presence of parasites.						
Prerequisites	No requirements.						
LEARNING OUTCOMES							
Category	No.	Code	Description			Ref. to programme benchmarks	
knowledge	1	EP1	Knows the species of parasites that occur in humans around the world. Knows the types of parasite-host systems and the relationships between the parasite and the host. Knows the reservoirs of parasites in the environment, the life cycles of parasites and the modes of transmission.				
	2	EP2	Knows the research methods used in the study of human parasites and in the diagnosis of parasitic diseases.				
skills	1	EP3	Can identify human parasites and assess the risk of infection with human parasites in Poland and while traveling around the world				
	2	EP4	Can describe the development stages of parasites in the environment, including intermediate and definitive hosts				
social competences	1	EP5	Can critically assess his/her parasitological knowledge and is prepared to initiate actions for the public interest				
CONTENT					Semester	No. of hours	
							including e-learning
Subject title: Human Parasites in the World (pasożyty człowieka na świecie)							
Format of instruction: lecture							
1. General aspects of parasite biology					4	4	0
2. Parasitic protozoa of humans					4	4	0
3. Parasitic worms of humans, helminths					4	4	0

4. Parasitic arthropods of humans				4	2	0
5. Diagnosis and control of parasitic diseases				4	1	0
Modes of delivery	Lecture, multimedia presentation					
	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.					
Assessment methods					No. of learning outcome from the syllabus	
	KOŁOKWIUM				EP1,EP2,EP3,EP4,EP5	
	Metody i formy weryfikacji efektów uczenia się mogą zostać zmienione dla studentów ze szczególnymi potrzebami na warunkach i zasadach określonych w Regulaminie Studiów Uniwersytetu Szczecińskiego.					
Grading criteria	Form of credit: written exam in the form of a multiple-choice test covering knowledge from the lecture and recommended literature.					
	Grade calculation principles					
	Conditions for credit: The student presents knowledge of the subject at a very good, good or satisfactory level. To obtain a grade of 5.0 in the written exam, the student must present knowledge from the lecture in the form of 95-100% correct answers to questions asked in the test. Similarly, 80-95% correct answers is the condition for receiving a mark from 4.0 to 4.5, and 60-80% for a mark from 3.0 to 3.5.					
Final grade calculation method	Sem.	Course		Type of credit	Grade calc. method	Weight for the average
	4	Human Parasites in the World (pasożyty człowieka na świecie)			Ważona	
	4	Human Parasites in the World (pasożyty człowieka na świecie) [wykład]		zaliczenie z oceną		1,00
Basic reading	Lucius R. et all. (2017): The biology of parasites, Wiley-Blackwell, Germany					
Supplementary reading	Combes C. (1995): Interactions durables. Ecologie et evolution du parasitisme, Masson, Editeur, Paris					
	Poulin R. (2006): Evolutionary Ecology of Parasites, Princeton University Press, United Kingdom					
	Żbikowska E. (2021): Świat i pasożyty człowieka, TNT, Toruń					
STUDENT WORKLOAD						
		No. of hours				
				including e-learning		
Contact hours		15		0		
Participation in test / exam		2		0		
Preparation for contact hours		0		0		
Private reading and studying		4		0		
Participation in tutorials		2		0		
Preparation of project / essay / etc.		0		0		
Preparation for test / exam		2		0		
TOTAL workload		25				
ECTS credits		1				