

## Zachodniopomorski Uniwersytet Technologiczny w Szczecinie

## **Faculty of Food Sciences and Fisheries**

Field of s	study	Aqu	uaculture and	Fisheries			
Mode of study		stat	stationary Level first cycle			14/14	Ω:τ
Graduate	e's qualific	ation inży	ynier	,		WNo	Z1K
Fields of	science	agr	icultural scie	nces			
Disciplines of science		<i>ce</i> anii	animal science and fisheries (100%)				
Educational profile		ger	general academic				
Module							
Course u	ınit	Gai	Gamefishes of the world				
Code		WN	WNOZIR/AQF/S1/				
Field of s	specialisati	on					
Administ	ering facu		partment of H Reproduction	lydrobiology, Ichthyo	logy and Biotechnology		J
ECTS		4.0					
Form of o	course cre	dit exa	examination Language english				
Electives	5	4		Elective group			
Form of i	instruction	Cod	Semeste	er Hours	ECTS	Weight	Credit
laborator	ry course	L	1	30	2.0	0.50	credits
lecture	•	W	1	30	2.0	0.50	examination
Leading	teacher	Wie	⊥ •caszek Beata	a (Beata.Wiecaszek@	zut edu pl)		<u> </u>
Other tea		,	,000-011	(20000			
Prerequis							
W-1		owledge of icht	hvoloav - fish t	axonomy and biology			
		objectives	, <u>, , , , , , , , , , , , , , , , , , </u>	, 3,			
C-1			e most importa	ant gamefish species in	Poland, Europe and in the	e world	
C-2				al rules of angling in Po	<u> </u>		
C-3	Student	is able to deter	mine the biolog	gical importance of gam	efish species in the envir	onment	
_	ontont div		aua farma af	t			
Course c	ontent aiv	ided into vari	ous forms of	INSTRUCTION			Number of hours
Course c	Rules of	work with data	bases (FishBas	se, NOBANIS, IUCN)			Number of hours
	Rules of Practical	work with data familiarize with	bases (FishBas	se, NOBANIS, IUCN)	d and teleost fish species	in the	
T-L-1	Rules of Practical recreatio Visting the	work with data familiarize with nal angling. ne Polish Anglir cational activition	bases (FishBasen the most important	se, NOBANIS, IUCN) ortant Selachian, ganoio to familirize with the pr	d and teleost fish species actical tasks of organizati gamefishes from the cou	on, reasearch	6
T-L-1 T-L-2 T-L-3	Rules of Practical recreatio Visting the and educe Their imp Presenta	work with data familiarize with nal angling. ne Polish Anglin cational activition portance in the tion of gamefis	bases (FishBase the most imp ag Association, es. Presentatio environment. hes (marine, fr	se, NOBANIS, IUCN) ortant Selachian, ganoid to familirize with the pr n of the most important	actical tasks of organizati	on, reasearch ntry of origin.	6 14 10
T-L-1 T-L-2 T-L-3 T-W-1	Rules of Practical recreatio Visting the and educe Their imp Presenta Latin, En	work with data familiarize with nal angling. ne Polish Angling attional activition of gamefis glish and local	bases (FishBase the most imp or Association, es. Presentatio environment. hes (marine, fr nomenclature.	se, NOBANIS, IUCN) ortant Selachian, ganoic to familirize with the pr n of the most important eshwater, estuarine) of	actical tasks of organizati gamefishes from the cou the world in the taxonom	on, reasearch ntry of origin. ical order, with	6 14 10
T-L-1 T-L-2 T-L-3 T-W-1 T-W-2	Rules of Practical recreatio Visting the and educe Their imp Presenta Latin, En Main fish world. Ru	work with data familiarize with nal angling. ne Polish Anglir cational activitio cortance in the tion of gamefis glish and local ing grounds in ales of safe ang	bases (FishBasen the most import of the most import	se, NOBANIS, IUCN) ortant Selachian, ganoic to familirize with the pr n of the most important eshwater, estuarine) of ope and around the work	actical tasks of organizati gamefishes from the cou the world in the taxonom d. Legal regulations in Po	on, reasearch ntry of origin. ical order, with	6 14 10 10
T-L-1 T-L-2 T-L-3 T-W-1 T-W-2 T-W-3	Rules of Practical recreatio Visting the and educe Their imp Presenta Latin, En Main fish world. Ru Role of P	work with data familiarize with nal angling. The Polish Angling activition of gamefis glish and local ing grounds in ules of safe angolish Angling A	bases (FishBasen the most import and page 1) and the most import and the most important and the most import and the most important and	se, NOBANIS, IUCN) ortant Selachian, ganoic to familirize with the pr n of the most important eshwater, estuarine) of ope and around the work	actical tasks of organizati gamefishes from the cou the world in the taxonom	on, reasearch ntry of origin. ical order, with	6 14 10 10 10
T-L-1 T-L-2 T-L-3 T-W-1 T-W-2 T-W-3 Student	Rules of Practical recreatio Visting the and educe Their imp Presenta Latin, En Main fish world. Ru Role of P	work with data familiarize with nal angling. The Polish Angling activities or tance in the tion of gamefis glish and localing grounds in ales of safe angolish Angling A	bases (FishBasen the most import and page 1) and the most import and the most important and the most import and the most important and	se, NOBANIS, IUCN) ortant Selachian, ganoic to familirize with the pr n of the most important eshwater, estuarine) of ope and around the work	actical tasks of organizati gamefishes from the cou the world in the taxonom d. Legal regulations in Po	on, reasearch ntry of origin. ical order, with	10 10 10 10 Number of hours
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T-L-1 T-L-2 T-L-3 T-W-1 T-W-2 T-W-3 Student (A-L-1 A-L-2	Rules of Practical recreatio Visting the and educe Their imperementa Latin, En Main fish world. Rule Role of Peremental Literature Preparing	work with data familiarize with nal angling. The Polish Anglin cational activitic portance in the tion of gamefis glish and local ing grounds in ules of safe angolish Angling Angling Angling active study	bases (FishBasen the most import of the most import	se, NOBANIS, IUCN) ortant Selachian, ganoic to familirize with the pr n of the most important eshwater, estuarine) of ope and around the work	actical tasks of organizati gamefishes from the cou the world in the taxonom d. Legal regulations in Po	on, reasearch ntry of origin. ical order, with	10 10 10 10 Number of hours 30 30
T-L-1 T-L-2 T-L-3 T-W-1 T-W-2 T-W-3 Student   A-L-1 A-L-2 A-W-1	Rules of Practical recreatio Visting the and educe Their imperementa Latin, En Main fish world. Rule Role of Peremental Latin, En Main fish world. Rule Role of Peremental Latin, En Role of P	work with data familiarize with nal angling. The Polish Angling actional activitic portance in the tion of gamefis glish and local ing grounds in ules of safe angolish Angling Aforms of active study g to classes ace in classes	bases (FishBases the most import of the most import	se, NOBANIS, IUCN) ortant Selachian, ganoic to familirize with the pr n of the most important eshwater, estuarine) of ope and around the work	actical tasks of organizati gamefishes from the cou the world in the taxonom d. Legal regulations in Po	on, reasearch ntry of origin. ical order, with	10 10 10 10 10 Number of hours 30 30 30
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T-L-1 T-L-2 T-L-3 T-W-1 T-W-2 T-W-3 Student   A-L-1 A-L-2 A-W-1 A-W-2 A-W-3	Rules of Practical recreatio Visting the and educe Their imperementa Latin, En Main fish world. Rule Role of Peremental Latin, En Main fish world. Rule Role of Peremental Latin, En Role of P	work with data familiarize with nal angling. The Polish Angling activition of gamefis glish and local ing grounds in ules of safe angolish Angling Aforms of active study goto classes tion with lecture study	bases (FishBases the most import of the most import	se, NOBANIS, IUCN) ortant Selachian, ganoic to familirize with the pr n of the most important eshwater, estuarine) of ope and around the work	actical tasks of organizati gamefishes from the cou the world in the taxonom d. Legal regulations in Po	on, reasearch ntry of origin. ical order, with	10 10 10 10 10 Number of hours 30 30 30 20
T-L-1 T-L-2 T-L-3 T-W-1 T-W-2 T-W-3 Student   A-L-1 A-L-2 A-W-1 A-W-2 A-W-3	Rules of Practical recreatio Visting the and educe Their impersenta Latin, En Main fish world. Rule Role of Persenta Latin. Role of Persenta Latin. Attendar Consulta Literature	work with data familiarize with nal angling. The Polish Angling activition of gamefis glish and local ing grounds in ules of safe angolish Angling Aforms of active study goto classes tion with lecture study	bases (FishBases the most import of the most import	se, NOBANIS, IUCN) ortant Selachian, ganoic to familirize with the pr n of the most important eshwater, estuarine) of ope and around the work	actical tasks of organizati gamefishes from the cou the world in the taxonom d. Legal regulations in Po	on, reasearch ntry of origin. ical order, with	10 10 10 10 10 Number of hours 30 30 30 20
T-L-1 T-L-2 T-L-3 T-W-1 T-W-2 T-W-3 Student   A-L-1 A-L-2 A-W-1 A-W-2 A-W-3 Teaching M-1 M-2	Rules of Practical recreatio Visting the and educe Their imp Presenta Latin, En Main fish world. Ru Role of P  workload - Literature Preparing Attendar Consulta Literature methods Lecture Practical	work with data familiarize with nal angling. The Polish Angling actional activitic portance in the tion of gamefis glish and local ing grounds in ules of safe angolish Angling A forms of action of the study goto classes tion with lecture study fools	bases (FishBases the most import of the most important of the most import of the most imp	se, NOBANIS, IUCN) ortant Selachian, ganoic to familirize with the pr n of the most important eshwater, estuarine) of ope and around the work	actical tasks of organizati gamefishes from the cou the world in the taxonom d. Legal regulations in Po	on, reasearch ntry of origin. ical order, with	10 10 10 10 10 Number of hours 30 30 30 20
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T-L-1 T-L-2 T-L-3 T-W-1 T-W-2 T-W-3 Student   A-L-1 A-L-2 A-W-1 A-W-2 A-W-3 Teaching M-1 M-2 M-3	Rules of Practical recreatio Visting the and educe Their impersenta Latin, En Main fish world. Rule Role of Persenta Latin. Role of Persenta Latin. Preparing Attendar Consulta Literature Terminal Literature	work with data familiarize with nal angling. The Polish Angling actional activitic portance in the tion of gamefis glish and local ing grounds in ules of safe angolish Angling A forms of action of the study goto classes tion with lecture study fools	bases (FishBases the most import of the most important of the most import of the most imp	se, NOBANIS, IUCN) ortant Selachian, ganoic to familirize with the pr n of the most important reshwater, estuarine) of ope and around the worl anagement and educat	actical tasks of organizati gamefishes from the cou the world in the taxonom d. Legal regulations in Po	on, reasearch ntry of origin. ical order, with	14 10 10 10 10 Number of hours 30 30 30 20
T-L-1 T-L-2 T-W-1 T-W-2 T-W-3 Student   A-L-1 A-L-2 A-W-1 A-W-3 Teaching M-1 M-2 M-3	Rules of Practical recreatio Visting the and educe Their imp Presenta Latin, En Main fish world. Ru Role of P  workload - Literature Preparing Attendar Consulta Literature g methods Lecture Practical Multimecon method F T	work with data familiarize with nal angling. The Polish Angling activition of gamefis glish and local ing grounds in ules of safe angolish Angling A forms of active study goto classes tion with lecture study / tools  classes dial presentatio	bases (FishBases the most import of the most important of the most import of the most important of the most	se, NOBANIS, IUCN) ortant Selachian, ganoic to familirize with the pr n of the most important reshwater, estuarine) of ope and around the worl anagement and educat	actical tasks of organizati gamefishes from the cou the world in the taxonom d. Legal regulations in Po	on, reasearch ntry of origin. ical order, with	14 10 10 10 10 Number of hours 30 30 30 20

## **Faculty of Food Sciences and Fisheries**

			progressive, P - final)								
S-3	F	Oral ex	am								
	Designed learning outcomes			Reference to the learning outcomes designed for the fields of study	Reference to Learning Outcomes for qualifications at PQF 6, 7 or 8	Reference to learning outcomes for qualifications at level 6 or 7 that enable acquiring engineering competences	Course objectives	Cours	e content	Teaching methods	Evaluation methods
Knowled	lge						1				
AQF_1A_C03a_W01 Student knows important gamefish species and knows the legal rules in angling			AQF_1A_W02	P6S_WG	P6S_WG	C-1 C-3	T-L-1 T-L-2	T-L-3	M-1 M-2	S-1 S-3	
Skills					•		•	•		•	•
AQF_1A_C03a_U01 Student is able to recognize and describe important gamefish species			AQF_1A_U02	P6S_UK P6S_UW		C-2 C-3	T-L-2 T-L-3	T-W-1 T-W-3	M-2 M-3	S-1 S-3	
Social co	ompeten	ces			•		•	•		•	•
AQF_1A_C03a_K01 Student knows the rules of participation in the group and can organize a safe gamefish expedition			AQF_1A_K02	P6S_KO P6S_KR		C-1 C-3	T-L-1 T-L-2	T-L-3	M-2 M-3	S-2 S-3	
Outco	omes	Grade		E	valuation cr	iterion					
Knowled	lge	1									
AQF_1A_C0		2,0									
			Student knows at least 50% of in	nportant gamefish	species and kno	ws the legal rul	es in ang	ling			
		3,5									
		4,0									
		4,5									
		5,0									
Skills											
AQF_1A_C0	)3a_U01	2,0									
		3,0	Student is able to recognize and	describe at least 5	0% of important	gamefish spec	ies				
		4,0									
		4,5									
		5,0									
Other so	cial com	petence	es								
AQF_1A_C0		2,0									
			Student knows the most imoprta	ant rules of particip	ation in the gro	up and can orga	nize a g	amefish	expedition	on	
		3,5									
		4,0									
		4,5									
		5,0									
<u> </u>	d reading										
1. FishBas	se, https:/	//www.fis	hbase.se/search.php, 2021								
2. J.S. Nel	lson, Fishe	es of the	World, Wiley and Sons, Toror	nto, New York, 20	016						

3. Reese J.T., Wrld Record Fishes, IGFA, USA, 2002