Zachodniopomorski Uniwersytet Technologiczny w Szczecinie

	Field of study		aculture and Fish	neries				
Mode of study		stationary Level first cycle				147N I -		
Graduate's qualification		inżyr		WNoz	21R			
	, of science	-	cultural sciences					
	nes of science		nal science and f	isheries (100%)				
-	ional profile		eral academic					
Module		gene				I I		
		E la la		in Delevel and in	the model			
Course unit		Fish conservation in Poland and in the world						
Code		WNC	DZIR/AQF/S1/					
Field of	specialisation	_						
Adminis	Administering faculty		artment of Hydro eproduction	biology, Ichthyold	gy and Biotechnology			
ECTS		6.0		ECTS (forms)	6.0			
	Form of course credit		nination	Language	english			
Electives		6		Elective group				
			Comostar			11/0:06+	Crodit	
	finstruction	Cod	Semester	Hours	ECTS	Weight	Credit	
	ory course	L	3	30	3.0	0.50	credits	
lecture		W	3	30	3.0	0.50	examination	
Leading	Leading teacher		Więcaszek Beata (Beata.Wiecaszek@zut.edu.pl)					
Other te	eachers							
Prerequ	isites							
W-1	Basics of zoology a	and hy	drobiology					
NA1 1								
wodule	/course unit objectiv	/AS						
	/course unit objectiv		ith problems of th	reatened aquatic spe	ecies, especially with fish			
C-1	To familiarize stud	ents w			ecies, especially with fish he aquatic environment p	rotection and co	nservation	
C-1 C-2	To familiarize stud To present law rule	ents w es and	international conv	entions concerned t	ecies, especially with fish he aquatic environment p	rotection and co	1	
C-1 C-2 Course	To familiarize stud To present law rule content divided into	ents w es and vario	international conv us forms of instr	entions concerned t	he aquatic environment p		Number of hour	
C-1 C-2 Course T-L-1	To familiarize stud To present law rule content divided into Presentation of fish and Polish Red Boo	lents w es and vario h speci ok. Reg	international conv us forms of instr ies protected in Po gional Inspectorate	entions concerned t uction land - taxonomical s of Fisheries in Szczo	he aquatic environment p tatus, habitat, threats. St ecin - tasks and activity ir	atus in the IUCN	Number of hours	
C-1 C-2 Course T-L-1 T-L-2	To familiarize stud To present law rule content divided into Presentation of fisl and Polish Red Boo Cartilaginous fish	lents w es and vario h speci ok. Reg species	international conv us forms of instr ies protected in Po gional Inspectorate s in the world - thre	entions concerned t uction land - taxonomical s of Fisheries in Szczo eats a forms of conso	he aquatic environment p tatus, habitat, threats. St ecin - tasks and activity ir	atus in the IUCN	Number of hours 8 6	
C-1 C-2 Course T-L-1	To familiarize stud To present law rule content divided into Presentation of fisl and Polish Red Boo Cartilaginous fish s Practical work in th	ents w es and vario h speci ok. Reg species he Fish	international conv us forms of instr ies protected in Po gional Inspectorate s in the world - thre Base and NOBANIS	entions concerned t uction land - taxonomical s of Fisheries in Szczo eats a forms of conso 5 data base	he aquatic environment p tatus, habitat, threats. St ecin - tasks and activity ir ervation.	atus in the IUCN n field.	Number of hours 8	
C-1 C-2 Course T-L-1 T-L-2	To familiarize stud To present law rule content divided into Presentation of fisl and Polish Red Boo Cartilaginous fish s Practical work in th The most importar realized in Poland	ents w es and o vario h speci ok. Reg species he Fish ht anac and in	international conv us forms of instr ies protected in Po gional Inspectorate s in the world - thre Base and NOBANIS fromous fish specie Europe	entions concerned t uction land - taxonomical s of Fisheries in Szczo eats a forms of conso 6 data base es - threats and activ	he aquatic environment p tatus, habitat, threats. St ecin - tasks and activity ir ervation. ve conservation; restitutio	atus in the IUCN field. on programs	Number of hours 8 6	
C-1 C-2 Course T-L-1 T-L-2 T-L-3	To familiarize stud To present law rule content divided into Presentation of fisl and Polish Red Boo Cartilaginous fish s Practical work in th The most importar realized in Poland The most endange	lents w es and o vario h speci ok. Reg species he Fish ht anac and in ered fis	international conv us forms of instr ies protected in Po gional Inspectorate s in the world - thre Base and NOBANIS fromous fish specie Europe	entions concerned t uction land - taxonomical s of Fisheries in Szczo eats a forms of conso 6 data base es - threats and activ	he aquatic environment p tatus, habitat, threats. St ecin - tasks and activity ir ervation.	atus in the IUCN field. on programs	Number of hours 8 6 6	
C-1 C-2 Course T-L-1 T-L-2 T-L-3 T-L-4 T-L-5	To familiarize stud To present law rule content divided into Presentation of fisl and Polish Red Boo Cartilaginous fish s Practical work in th The most importar realized in Poland The most endange forms of conservat Legal tools concer	lents w es and o vario h speci ok. Reg species he Fish ht anac and in gred fis tion ned the	international conv us forms of instr ies protected in Po gional Inspectorate s in the world - thre Base and NOBANIS fromous fish specie Europe h species in Baltic e fish species prote	entions concerned t uction land - taxonomical s of Fisheries in Szczo eats a forms of conso data base es - threats and activ Sea - Gadus morhua ection and conserval	he aquatic environment p tatus, habitat, threats. St ecin - tasks and activity ir ervation. ve conservation; restitution a; multi-species managem tion in Poland. Conservati	atus in the IUCN n field. on programs nent plans and on status of fish	Number of hours 8 6 6 6 4	
C-1 C-2 Course T-L-1 T-L-2 T-L-3 T-L-4	To familiarize stud To present law rule content divided into Presentation of fisl and Polish Red Boo Cartilaginous fish s Practical work in th The most importar realized in Poland The most endange forms of conservat Legal tools concer species in Poland,	lents w es and o vario h speci ok. Reg species he Fish ht anac and in rred fis tion ned the validat	international conv us forms of instr ies protected in Po gional Inspectorate s in the world - thre Base and NOBANIS fromous fish specie Europe h species in Baltic e fish species prote ted through IUCN p	entions concerned t uction land - taxonomical s of Fisheries in Szczo eats a forms of conso data base es - threats and activ Sea - Gadus morhua ection and conserval procedures. Presenta	he aquatic environment p tatus, habitat, threats. St ecin - tasks and activity ir ervation. ve conservation; restitution a; multi-species managem tion in Poland. Conservati ition of legal length, close	atus in the IUCN n field. on programs nent plans and on status of fish	Number of hours 8 6 6 6	
C-1 C-2 Course T-L-1 T-L-2 T-L-3 T-L-3 T-L-5 T-W-1	To familiarize stud To present law rule content divided into Presentation of fisl and Polish Red Boo Cartilaginous fish s Practical work in th The most importar realized in Poland The most endange forms of conservat Legal tools concer species in Poland, seasons of protect Ecological nets of	ents w es and o vario h species he Fish ht anace and in red fish validat ed fish protect	international conv us forms of instr ies protected in Po gional Inspectorate s in the world - thre Base and NOBANIS fromous fish specie Europe h species in Baltic e fish species prote ted through IUCN p species in freshwa ted water basins in	entions concerned t <i>uction</i> land - taxonomical s of Fisheries in Szcze eats a forms of conse 5 data base es - threats and activ Sea - Gadus morhue ection and conserval procedures. Presenta aters, estuaries and Poland - Nature 200	he aquatic environment p tatus, habitat, threats. St ecin - tasks and activity ir ervation. ve conservation; restitution a; multi-species managem tion in Poland. Conservati ition of legal length, close in the Baltic Sea. 20. The importance of Pol	atus in the IUCN n field. on programs nent plans and on status of fish and open ish Angling	Number of hours 8 6 6 6 4	
C-1 C-2 Course T-L-1 T-L-2 T-L-3 T-L-4 T-L-5	To familiarize stud To present law rule content divided into Presentation of fisl and Polish Red Box Cartilaginous fish s Practical work in th The most importar realized in Poland The most endange forms of conservat Legal tools concert seasons of protect Ecological nets of Association in prot	ents w es and o vario h species he Fish ht anace and in red fish validat ed fish protect	international conv us forms of instr ies protected in Po gional Inspectorate s in the world - thre Base and NOBANIS fromous fish specie Europe h species in Baltic e fish species prote ted through IUCN p species in freshwa ted water basins in	entions concerned t <i>uction</i> land - taxonomical s of Fisheries in Szcze eats a forms of conse 5 data base es - threats and activ Sea - Gadus morhue ection and conserval procedures. Presenta aters, estuaries and Poland - Nature 200	he aquatic environment p tatus, habitat, threats. St ecin - tasks and activity ir ervation. ve conservation; restitution a; multi-species managem tion in Poland. Conservati ition of legal length, close in the Baltic Sea.	atus in the IUCN n field. on programs nent plans and on status of fish and open ish Angling	Number of hours 8 6 6 6 4	
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C-1 C-2 Course T-L-1 T-L-2 T-L-3 T-L-3 T-L-4 T-L-5 T-W-1 T-W-1 T-W-2 T-W-3 Student A-L-1	To familiarize stud To present law rule content divided into Presentation of fisl and Polish Red Boo Cartilaginous fish s Practical work in th The most importar realized in Poland The most endange forms of conservat Legal tools concer species in Poland, seasons of protect Ecological nets of Association in prot projects. The international of workload - forms of Preparation for cla	ents w es and o vario h species species he Fish ht anac and in ered fish protect ection coveny f activ	international conv us forms of instr ies protected in Po gional Inspectorate s in the world - thre Base and NOBANIS fromous fish specie Europe h species in Baltic e fish species prote ted through IUCN p species in freshwa ted water basins in and education abo	entions concerned t <i>uction</i> land - taxonomical s of Fisheries in Szcze eats a forms of conse 5 data base es - threats and activ Sea - Gadus morhua ection and conservat procedures. Presenta aters, estuaries and Poland - Nature 200 put fish in Polish wat	he aquatic environment p tatus, habitat, threats. St ecin - tasks and activity ir ervation. ve conservation; restitution a; multi-species managem tion in Poland. Conservati ition of legal length, close in the Baltic Sea. 20. The importance of Pol ers. Fish restitution progr	atus in the IUCN n field. on programs nent plans and on status of fish and open ish Angling ams and	Number of hours 8 6 6 6 4 16 6 8 Number of hours 30	
C-1 C-2 Course T-L-1 T-L-2 T-L-3 T-L-3 T-L-4 T-L-5 T-W-1 T-W-1 T-W-2 Student A-L-1 A-L-2	To familiarize stud To present law rule content divided into Presentation of fish and Polish Red Bod Cartilaginous fish s Practical work in th The most importar realized in Poland The most endange forms of conservat Legal tools concer species in Poland, seasons of protect Ecological nets of Association in prot projects. The international of world. tworkload - forms of Preparation for cla Literature study	ents w es and o vario h species he Fish nt anace and in red fish protect ection covenve f activ sses	international conv us forms of instr ies protected in Po gional Inspectorate s in the world - thre Base and NOBANIS fromous fish specie Europe h species in Baltic ted through IUCN p species in freshwa ted water basins in and education about ations on conserva	entions concerned t <i>uction</i> land - taxonomical s of Fisheries in Szcze eats a forms of conse 5 data base es - threats and activ Sea - Gadus morhua ection and conservat procedures. Presenta aters, estuaries and Poland - Nature 200 put fish in Polish wat	he aquatic environment p tatus, habitat, threats. St ecin - tasks and activity ir ervation. ve conservation; restitution a; multi-species managem tion in Poland. Conservati ition of legal length, close in the Baltic Sea. 20. The importance of Pol ers. Fish restitution progr	atus in the IUCN n field. on programs nent plans and on status of fish and open ish Angling ams and	Number of hour. 8 6 6 6 6 6 6 6 6 6 6 6 6 6 6 8 Number of hour. 30 30	
C-1 C-2 Course T-L-1 T-L-2 T-L-3 T-L-3 T-L-4 T-L-5 T-W-1 T-W-1 T-W-2 T-W-3 Student A-L-1 A-L-2 A-L-3	To familiarize stud To present law rule content divided into Presentation of fisl and Polish Red Box Cartilaginous fish s Practical work in th The most importar realized in Poland The most endange forms of conservat Legal tools concert Ecological nets of Association in prot projects. The international c workload - forms of Preparation for cla Literature study Consultation with for	lents w es and o vario h species he Fish ht anac and in red fish red fish protect ection f activ sses	international conv us forms of instr ies protected in Po gional Inspectorate s in the world - thre Base and NOBANIS fromous fish specie Europe h species in Baltic ted through IUCN p species in freshwa ted water basins in and education about ations on conserva	entions concerned t <i>uction</i> land - taxonomical s of Fisheries in Szcze eats a forms of conse 5 data base es - threats and activ Sea - Gadus morhua ection and conservat procedures. Presenta aters, estuaries and Poland - Nature 200 put fish in Polish wat	he aquatic environment p tatus, habitat, threats. St ecin - tasks and activity ir ervation. ve conservation; restitution a; multi-species managem tion in Poland. Conservati ition of legal length, close in the Baltic Sea. 20. The importance of Pol ers. Fish restitution progr	atus in the IUCN n field. on programs nent plans and on status of fish and open ish Angling ams and	Number of hours 8 6 6 6 4 16 8 Number of hours 30 30 30	
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C-1 C-2 Course T-L-1 T-L-2 T-L-3 T-L-4 T-L-5 T-W-1 T-W-1 T-W-2 T-W-3 Student A-L-1 A-L-2 A-L-3 A-W-1 A-W-1 A-W-2 A-W-3	To familiarize stud To present law rule content divided into Presentation of fisl and Polish Red Boo Cartilaginous fish s Practical work in th The most importar realized in Poland The most endange forms of conservat Legal tools concert species in Poland, seasons of protect Ecological nets of Association in prot projects. The international of workload - forms of Preparation for cla Literature study Classes attendanc Literature study Consultations with	lents w es and o vario h species he Fish hat anace and in reed fish protect ection f activ sses the lect e the tu	international conv us forms of instr ies protected in Po gional Inspectorate is in the world - thre Base and NOBANIS fromous fish specie furope h species in Baltic e fish species prote ted through IUCN p ispecies in freshwa ted water basins in and education about ations on conserva	entions concerned t <i>uction</i> land - taxonomical s of Fisheries in Szcze eats a forms of conse 5 data base es - threats and activ Sea - Gadus morhua ection and conservat procedures. Presenta aters, estuaries and Poland - Nature 200 put fish in Polish wat	he aquatic environment p tatus, habitat, threats. St ecin - tasks and activity ir ervation. ve conservation; restitution a; multi-species managem tion in Poland. Conservati ition of legal length, close in the Baltic Sea. 20. The importance of Pol ers. Fish restitution progr	atus in the IUCN n field. on programs nent plans and on status of fish and open ish Angling ams and	Number of hours 8 6 6 6 6 4 16 6 8 Number of hours 30 30 30 30 30 30 30 30 30 30 30 30 30	

Zachodniopomorski Uniwersytet Technologiczny w Szczecinie

Faculty of Food Sciences and Fisheries

Evaluation	metho	ods (F -	progressive, P - final)								
S-1	F	Partial test									
5-2	F	Final te	Final test								
S-3	F	Passing	sing wirtten test								
5-4	F	test oral exa present	t								
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	S Course content		Teaching methods	Evaluation methods
Knowledge	,										
AQF_1A_C10b_W01 Student knows the principal law regulations and protected fish species in Poland				AQF_1A_W02	P6S_WG	P6S_WG	C-1 C-2	T-L-1 T-W-1	T-W-2 T-W-3	M-1 M-2	S-1 S-3
Skills											
AQF_1A_C10b_U01 Student can recognize and describe the protected fish species in Poland				AQF_1A_U08	P6S_UW	P6S_UW	C-1 C-2	T-L-1 T-L-2	T-L-3 T-L-4	M-1 M-2 M-3	S-1 S-2
Social com	peten	ces									
AQF_1A_C10b_K01 Student is able to indicate fish species that need protection, as well as threats and legal regulations			AQF_1A_K03	P6S_KO P6S_KR		C-1 C-2	T-L-2 T-L-4	T-W-1 T-W-3	M-1 M-2 M-3	S-1 S-3	
Outcom	nes	Grade		E	valuation cr	iterion					
Knowledge	ò										
AQF_1A_C10b_W01		2,0									
		3,0	Student knows the most important principal law regulations and at least 50% of protected fish species in Poland								
		3,5									
		4,0 4,5									
		5,0									
Skills		0,0									
AQF_1A_C10b	_U01	2,0									
	-		Student can recognize and describe at least 50% of the protected fish species in Poland								
		3,5									
		4,0									
		4,5									
Other socia	alcom	5,0									
AQF_1A_C10b		2,0									
//di_1/(_0100	_101	3,0	Student is able to indicate at least 50% of fish species that need protection, as well as threats and legal regulations								
		3,5									
		4,0									
		4,5									
		5,0									
Required r	eading										
1. https://ww	ww.iucn	redlist.c	org/, The IUCN Red List of Thre	eatened Species,	2021						
2. Nelson J.S	5., Fishe	es of the	World, Wiley and Sons, Toror	nto, New York, Sa	an Francisco, 2	2016, 5th Edit	ion				

3. Kottelat M., J. Freyhof, Handbook of European freshwater fishes, Kottelat and Co., Switzerland, 2006