



Field of study	Aquaculture and Fisheries									
Mode of study	stationary	Level	first cycle							
Graduate's qualification	inżynier									
Fields of science	agricultural sciences									
Disciplines of science	animal science and fisheries (100%)									
Educational profile	general academic									
Module										
Course unit	Work safety and health regulations									
Code	WNOZIR/AQF/S1/									
Field of specialisation										
Administering faculty	Department of Commodity Science, Quality Assessment, Process Engineering and Human Nutrition									
ECTS	0.0	ECTS (forms)	0.0							
Form of course credit	credits	Language	english							
Electives			Elective group							
Form of instruction	Cod	Semester	Hours	ECTS	Weight	Credit				
lecture	W	1	5	0.0	1.00	credits				
Leading teacher	Czerniejewski Przemysław (Przemyslaw.Czerniejewski@zut.edu.pl)									
Other teachers										
Prerequisites										
W-1	General knowledge of work and work physiology									
Module/course unit objectives										
C-1	The main goal is to acquaint the students with safety and health at work, and regulations in the European Union									
Course content divided into various forms of instruction						Number of hours				
T-W-1	European directives on safety and health at work					2				
T-W-2	Workplaces, equipment, signs, personal protective equipment					1				
T-W-3	Exposure to physical hazard, biological and chemical agents and chemical safety					2				
Student workload - forms of activity						Number of hours				
Teaching methods / tools										
M-1	Lectures with using multimedia									
Evaluation methods (F - progressive, P - final)										
S-1	F	Presentation, raport								
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	Course content	Teaching methods	Evaluation methods		
Knowledge										
AQF_1A_A05_W01	The student has knowledge of safety and health at work, with particular regard to EU directives		AQF_1A_W13	P6S_WK	P6S_WG	C-1	T-W-1 T-W-2	T-W-3	M-1	S-1
Skills										
AQF_1A_A05_U01	The student is able to assess the risk in the workplace and avoid the danger		AQF_1A_U10	P6S_UW		C-1	T-W-1 T-W-2	T-W-3	M-1	S-1
Social competences										
AQF_1A_A05_K01	The student has the competence to lead a team at various work.		AQF_1A_K01 AQF_1A_K03	P6S_KK P6S_KO P6S_KR		C-1	T-W-1 T-W-2	T-W-3	M-1	S-1



Outcomes	Grade	Evaluation criterion
Knowledge		
AQF_1A_A05_W01	2,0	The student has not a knowledge of safety and health at work on basic level
	3,0	The student has a knowledge of safety and health at work on basic level
	3,5	The student has a knowledge of safety and health at work on upper than basic level
	4,0	The student has a knowledge of safety and health at work on good level
	4,5	The student has a knowledge of safety and health at work on upper than good level
	5,0	The student has a knowledge of safety and health at work on very good level
Skills		
AQF_1A_A05_U01	2,0	The student is not able to assess the risk in the workplace and avoid the danger on basic level
	3,0	The student is able to assess the risk in the workplace and avoid the danger on basic level
	3,5	The student is able to assess the risk in the workplace and avoid the danger on upper than basic level
	4,0	The student is able to assess the risk in the workplace and avoid the danger on good level
	4,5	The student is able to assess the risk in the workplace and avoid the danger on upper than good level
	5,0	The student is able to assess the risk in the workplace and avoid the danger on very good level
Other social competences		
AQF_1A_A05_K01	2,0	The student do not know the basic legal regulations in the field of safe and healthy work on basic level
	3,0	The student knows the basic legal regulations in the field of safe and healthy work on basic level
	3,5	The student knows the basic legal regulations in the field of safe and healthy work on upper than basic level
	4,0	The student knows the basic legal regulations in the field of safe and healthy work on good level
	4,5	The student knows the basic legal regulations in the field of safe and healthy work on upper than good level
	5,0	The student knows the basic legal regulations in the field of safe and healthy work on very good level
Required reading		
1. Marie Meima, Eelco Kuijpers, Claudia van den Berg, Astrid Kruizinga, Nicole van Kesteren, Suzanne Spaan, Summary - Biological agents and prevention of work-related diseases: a review, European Agency for Safety and Health at Work, Luxembourg, 2020, 1		
2. arina Nielsen, Marie Birk Jørgensen, Malgorzata Milczarek, Lorenzo Muna, Healthy workers, thriving companies - a practical guide to wellbeing at work, European Agency for Safety and Health at Work, Luxembourg, 2018		
3. Nielsen, K.M., Nielsen, M.B., Ogonnaya, C. and Kansala, M., Workplace resources to improve both employee well-being and performance: A systematic review and meta- analysis., Work & Stress, 31(2) 101-120., 2017		
Supplementary reading		
1. Directive 2009/104/EC - use of work equipment, EU, 2009		
2. Regulation (EU) 2016/425 on personal protective equipment, EU, 2016		
3. Directive 2014/33/EU - lifts and safety components for lifts, EU, 2014		
4. Directive 2000/54/EC - biological agents at work, EU, 2000		
5. Directive 98/24/EC - risks related to chemical agents at work, EU, 1998		