Zachodniopomorski Uniwersytet Technologiczny w Szczecinie

Faculty of Food Sciences and Fisheries

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	**Research project in fisheries**		
Code	WNOZIR/AQF/S1/		
Field of specialisation			
Administering faculty	Department of Meat Technology		
ECTS	15.0	*ECTS (forms)*	15.0
Form of course credit	credits	*Language*	english
Electives	12	*Elective group*	

Form of instruction	*Cod*	*Semester*	*Hours*	*ECTS*	*Weight*	*Credit*
	PD	7	0	15.0	1.00	credits

Leading teacher	Panicz Remigiusz (rpanicz@zut.edu.pl)
Other teachers	

Prerequisites

W-1	Passing subjects from semester I-VI

Module/course unit objectives

C-1	Education of a graduate with basic knowledge and skills in the field of aquaculture and fisheries, which one can apply to solve engineering tasks.
C-2	Preparing a graduate who has the ability to use professional literature, collect, process and provide written and oral information.

Course content divided into various forms of instruction		*Number of hours*
T-PD-1	Presentation of recommendations regarding the layout of the content of engineering diploma theses.	0
T-PD-2	Gathering and analyzing by the student the literature containing the current state of knowledge about the subject of the work.	0
T-PD-3	Formulating the basic point of the diploma thesis by the student and indicating the issues that should be solved in diploma thesis.	0
T-PD-4	Depending on the specificity of the work, the student performs a measurement / design or computational part of the work.	0
T-PD-5	The student's analysis of the results of the work received. Student's final conclusions.	0
T-PD-6	The student's performance of the graphic design of the diploma thesis, a summary of the tables and other annexes to the diploma thesis.	0
T-PD-7	Editing the engineering thesis by the student.	0
T-PD-8	Preparation for the diploma exam.	0

Student workload - forms of activity		*Number of hours*
A-PD-1	Collecting and analyzing literature that is the subject of diploma thesis.	60
A-PD-2	Performing measurements / design or calculations.	150
A-PD-3	Carrying out the analysis of the received work results.	90
A-PD-4	Editing the diploma thesis.	100
A-PD-5	Consultation of work results with the supervisor	30
A-PD-6	Preparation for the diploma exam.	20

Teaching methods / tools

M-1	Student's independent work
M-2	Consultations with the thesis supervisor

Evaluation methods (F - progressive, P - final)

S-1	P	Credit based on two positive reviews

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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_D01_W01 Student is able to explain key operations and processes in the field of process engineering	AQF_1A_W03 AQF_1A_W04 AQF_1A_W06 AQF_1A_W08	P6S_WG	P6S_WG	C-1 C-2	T-PD-1 T-PD-5 T-PD-2 T-PD-6 T-PD-3 T-PD-7 T-PD-4 T-PD-8	M-1 M-2	S-1
Skills							
AQF_1A_D01_U01 Student can acquire and critically evaluate information from literature, databases and other sources.	AQF_1A_U01 AQF_1A_U02 AQF_1A_U03 AQF_1A_U05 AQF_1A_U07 AQF_1A_U26	P6S_UK P6S_UO P6S_UU P6S_UW	P6S_UW	C-1 C-2	T-PD-1 T-PD-5 T-PD-2 T-PD-6 T-PD-3 T-PD-7 T-PD-4 T-PD-8	M-1 M-2	S-1
AQF_1A_D01_U02 The student can verify the concepts of engineering solutions.	AQF_1A_U14 AQF_1A_U16 AQF_1A_U20 AQF_1A_U24	P6S_UW	P6S_UW	C-1 C-2	T-PD-1 T-PD-5 T-PD-2 T-PD-6 T-PD-3 T-PD-7 T-PD-4 T-PD-8	M-1 M-2	S-1
Social competences							
AQF_1A_D01_K01 Student understands the need for continuous education and professional development	AQF_1A_K01 AQF_1A_K02 AQF_1A_K04 AQF_1A_K05 AQF_1A_K06	P6S_KK P6S_KO P6S_KR		C-1 C-2	T-PD-1 T-PD-5 T-PD-2 T-PD-6 T-PD-3 T-PD-7 T-PD-4 T-PD-8	M-1 M-2	S-1

Outcomes	Grade	Evaluation criterion
Knowledge		
AQF_1A_D01_W01	*2,0*	
	3,0	Student is able to explain key operations and processes in the field of aquaculture and fisheries specializations at a basic level.
	3,5	
	4,0	
	4,5	
	5,0	
Skills		
AQF_1A_D01_U01	*2,0*	
	3,0	Student can acquire information from the literature at a basic level.
	3,5	
	4,0	
	4,5	
	5,0	
AQF_1A_D01_U02	*2,0*	
	3,0	Student is able to verify the concepts of engineering solutions in the field of aquaculture and fisheries specializations at the basic level.
	3,5	
	4,0	
	4,5	
	5,0	
Other social competences		
AQF_1A_D01_K01	*2,0*	
	3,0	Student understands the need for continuous vocational education and training in a basic level.
	3,5	
	4,0	
	4,5	
	5,0	

Required reading

1. Domański P., English: Science and technology, WNT, Warszawa, 1996, ISBN 83-204-1968-9