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 aquaculture**		
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

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