Faculty of Maritime Studies / Fisheries Technology Engineering
About The Program
The Bachelor's Program in Fisheries Technology Engineering offers a comprehensive education aimed at training qualified human resources capable of meeting the scientific, technical, and engineering-based needs of the fisheries and aquaculture sector. The program adopts an integrated approach encompassing fisheries biology, aquaculture, fish health, water quality, fishing equipment, capture technologies, seafood processing and evaluation, as well as environmental and coastal management. The curriculum is designed to strengthen students' professional knowledge and skills through a combination of theoretical courses supported by laboratory work, field studies, and practice-oriented training. Students are educated to develop a thorough understanding of marine and inland water ecosystems and to gain the competence to plan, design, and manage sustainable fisheries and aquaculture practices. In addition, the program places strong emphasis on food safety, quality control, legislation, environmental protection, ecosystem-based fisheries management, digital monitoring, and data-driven decision-making approaches. Through this framework, graduates are equipped as engineers with advanced analytical thinking, problem-solving abilities, and the capacity to adapt to technological innovations in both production and management processes. The Fisheries Technology Engineering Program aims to educate graduates who can work in the public and private sectors at national and international levels, and who possess a strong awareness of sustainability, ethical responsibility, and lifelong learning.
Profile of the Program

The Bachelor's Program in Fisheries Technology Engineering is structured to educate graduates equipped with engineering-based knowledge, skills, and competencies required by the fisheries and aquaculture sector. The program adopts an interdisciplinary educational approach covering fisheries biology, aquaculture systems, fish health and nutrition, water quality management, fishing equipment and capture technologies, as well as seafood processing and evaluation processes.

The program profile is based on an educational structure that integrates theoretical knowledge with practice, supported by laboratory studies, field applications, project-based learning, and a graduation project. Students are provided with opportunities to specialize in the sustainable use of marine and inland water ecosystems, stock management, environmental protection, and ecosystem-based fisheries approaches.

The Fisheries Technology Engineering Program considers national and international legislation, food safety, quality management, traceability, occupational health and safety, and ethical responsibility as integral components of the educational process. In addition, the program aims to ensure students' adaptability to technological advancements by incorporating contemporary engineering applications such as digitalization, sensor technologies, data analysis, and modern monitoring systems.

In line with this program profile, graduates are introduced to the sector as Fisheries Technology Engineers who are capable of planning sustainable fisheries and aquaculture practices, considering environmental and social impacts, thinking analytically, and actively contributing in multidisciplinary working environments.

Qualification Awarded
Fisheries Technology Engineering, Bachelor's Degree
Length of Programme and Number of Credits
4 years (excluding one year of English Preparatory Program), 2 semesters per year, 15 weeks per semester, 240 ECTS credits
Level of Qualification
Bachelor's Degree; YÖK National Qualifications Framework (TYYÇ), Level 6
Specific Admission Requirements
The admission of Turkish citizens to higher education is based on a nationwide Student Selection Examination (ÖSYM) organized by the Turkish Higher Education Council (YÖK). The admission of citizens of the Turkish Republic of Northern Cyprus is based on the Near East University Entrance and Placement Examination organized for TRNC citizens. The admission of foreign students is based on their high school diploma. A document proving English language proficiency is also required.

Recognition of Credit Mobility and Prior Learning	
The transfer and recognition of courses taken outside University of Kyrenia are carried out in accordance with the principles set forth in the relevant Regulations, based on the decision of the respective Faculty or Institute Board of Directors. If the content of the courses taken at another higher education institution is found to be compatible with the content of the courses offered at Girne University and is deemed appropriate by the relevant Faculty or Institute Board, students may be granted exemption from these courses.	
Qualification and Graduation Requirements and Regulations	
To graduate from the Fisheries Technology Engineering program, students are required to successfully complete all courses in the curriculum. In order to be eligible for graduation, students must pass all required courses included in the program, successfully complete the compulsory internships and the graduation project, fulfill a total of 240 ECTS credits, and achieve a minimum cumulative grade point average of 2.00 out of 4.00.	
Programme Learning Outcomes	
1	Demonstrate foundational and applied knowledge of fisheries biology, fish physiology, aquatic ecology and population dynamics.
2	Apply principles of aquaculture (design, husbandry, health management) across major production systems (marine, brackish, freshwater).
3	Design, operate and optimize post-harvest and seafood processing systems to ensure value addition, quality and shelf-life.
4	Use quantitative methods (statistics, sampling theory, stock assessment models) and modern tools to analyse fisheries data and support resource management.
5	Understand and apply food safety, HACCP, quality assurance and traceability principles in seafood supply chains.
6	Evaluate social, economic and market aspects of fisheries and aquaculture — supply chains, marketing, cost-benefit and project feasibility.
7	Apply the legal, institutional and policy framework relevant to fisheries, marine conservation and responsible resource use (national & international).
8	Design and carry out engineering solutions for fishing gear, vessel-based operations, handling systems and marine infrastructure with attention to safety and efficiency.
9	Integrate sustainability concepts — ecosystem approach to fisheries (EAF), marine spatial planning, by-catch reduction and biodiversity conservation — into technical decisions.
10	Use laboratory and field methods (water quality, fish health diagnostics, proximate analysis), instrumentation and sensors competently and safely.
11	Apply project management, quality management and risk assessment techniques for fisheries/aquaculture projects and operations.

12	Conduct independent research (project work, final year project), interpret results and communicate findings in written and oral form to academic, industry and stakeholder audiences.
13	Demonstrate professional and ethical responsibility, respect for stakeholder and community contexts, and commitment to lifelong learning.
14	Work effectively in multidisciplinary and multicultural teams, showing leadership where appropriate.

Program Educational Objectives	
1	To enable students to plan, design, and effectively manage fisheries and aquaculture production processes by applying the theoretical and practical knowledge they have acquired in the fields of fisheries biology, aquaculture, fishing gears and technologies, and seafood processing and post-harvest technologies.
2	To enable students to evaluate the environmental, economic, and social impacts of fisheries and aquaculture activities and to develop responsible engineering solutions in line with the principles of the ecosystem-based fisheries approach, environmental protection, biodiversity conservation, and sustainable resource use.
3	To enable students to identify, analyze, and develop scientifically based solutions to engineering problems in the field of fisheries technologies by using statistical methods, stock assessment models, data analysis techniques, and research methodologies.
4	To enable students to assume professional responsibility within the framework of national and international regulations, food safety requirements, quality management systems, and professional ethical principles, to communicate effectively in multidisciplinary teams, and to sustain their professional development with a commitment to lifelong learning.

Program Curriculum Map

M: Master / D: Develop / I: Introduce / N: None

Curriculum Courses			**Key Learning Outcomes**													
Level of Course Unit Semester	**Course Code**	**Course Name**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**
1/1	MTH101	Calculus I	I	N	N	N	N	N	I	N	N	N	N	N	I	N
1/1	NAV101	Navigation I	N	I	I	N	I	N	N	N	I	N	N	N	N	N
1/1	SEA101	Seamanship I	N	I	I	N	I	N	N	N	I	N	N	N	N	N
1/1	SAF101	Maritime Safety I	N	I	I	N	D	N	N	I	I	N	N	N	N	N
1/1	CFM101	Chemistry for Mariners	I	N	N	I	D	N	N	N	N	N	N	N	I	N

1/1	MPH101	Physics for Mariners I	I	N	N	I	N	N	I	N	N	N	N	N	I	N
1/1	FTE101	Introduction to Fisheries Technology	I	I	I	I	D	I	N	I	I	N	N	N	I	I
1/1	MEC101	Technical Drawing I	N	N	N	I	N	N	D	N	N	N	N	N	N	N
1/2	MTH102	Calculus II	D	N	N	N	N	N	D	N	N	N	N	N	D	N
1/2	NAV102	Navigation II	N	D	D	N	D	N	N	N	D	N	N	N	N	N
1/2	SEA102	Seamanship II	N	D	D	N	D	N	N	N	D	N	N	N	N	N
1/2	FTE102	Marine Biology	D	N	N	D	D	N	N	N	N	N	N	N	D	D
1/2	SAF102	Maritime Safety II	N	D	D	N	D	N	N	D	D	N	N	N	N	N
1/2	MPH102	Physics for Mariners II	D	N	N	D	N	N	D	N	N	N	N	N	D	N
1/2	FTE104	Environmental Chemistry	D	N	N	D	D	N	N	N	N	N	N	N	D	D
1/2	CMP102	Introduction to Information Technologies	I	N	N	I	N	D	D	N	N	N	N	N	D	N
2/3	FTE201	Fish Farming	D	D	N	D	D	N	N	N	N	N	N	N	D	D
2/3	FTE203	Fish Anatomy	D	N	N	D	N	N	N	N	N	N	N	N	D	D
2/3	MET201	Maritime Meteorology	N	D	D	N	D	N	N	N	D	N	N	N	N	N
2/3	FTE205	Water Quality and Control	D	N	N	D	D	D	N	N	N	N	N	N	D	D
2/3	TUR101	Turkish I: Written Expression	N	N	N	N	N	N	N	D	D	N	N	N	N	N
2/3	AIT101	Ataturk's Principles and History of Turkish Revolution I	N	N	N	N	N	N	N	D	D	N	N	N	N	N
2/3	ENG101	English I	N	N	N	N	N	N	N	D	D	N	N	N	N	N
2/3	FTE207	Marine Ecology	D	N	N	D	D	N	N	N	N	N	N	N	D	D
2/4	FTE202	Fish Biology	D	N	N	D	N	N	N	N	N	N	N	N	D	D
2/4	FTE204	Fish Diseases	D	N	N	D	D	D	N	N	N	N	N	N	D	D
2/4	FTE206	Fish Behavior	D	N	N	D	N	N	N	N	N	N	N	N	D	D
2/4	FTE208	Feeding Techniques	D	N	N	D	D	N	N	N	N	N	N	N	D	D
2/4	TUR102	Turkish II: Verbal Expression	N	N	N	N	N	N	N	D	D	N	N	N	N	N
2/4	AIT102	Ataturk's Principles and History of Turkish Revolution II	N	N	N	N	N	N	N	D	D	N	N	N	N	N
2/4	ENG102	English II	N	N	N	N	N	N	N	D	D	N	N	N	N	N
2/4	FTE210	Aquatic Microbial Ecology	D	N	N	D	D	D	N	N	N	N	N	N	D	D

3/5	FTE301	Marine Plants	D	N	N	D	D	N	N	N	N	N	N	N	D	D
3/5	FTE303	Aquarium Fish	D	N	N	D	D	N	N	N	N	N	N	N	D	D
3/5	FTE305	Fishing Practices	D	D	D	D	D	D	N	N	N	N	D	N	D	D
3/5	FTE307	Fishing Equipment	D	D	D	D	N	N	D	N	N	N	D	N	D	D
3/5	FTE309	Quality Control in Aquatic Products	D	N	N	D	D	D	N	N	N	N	D	N	D	D
3/5	FTE311	Basic Nutrient Analyses in Aquatic Products	D	N	N	D	D	D	N	N	N	N	D	N	D	D
3/5	COM301	Marine Communication	N	N	N	N	N	N	N	D	D	N	N	N	N	D
3/6	FTE302	Aquaculture	D	D	N	D	D	N	N	N	N	N	D	N	D	D
3/6	FTE304	Fishing Methods	D	N	D	D	N	N	D	D	D	N	N	N	D	D
3/6	FTE306	Freshwater Fishes	D	N	N	D	D	N	N	N	N	N	N	N	D	D
3/6	FTE308	Marine Microbiology	D	N	N	D	D	D	N	N	N	D	N	N	D	D
3/6	FTE310	Aquatic Product Technologies	D	D	D	D	D	D	N	N	N	D	D	N	D	D
3/6	FTE312	Population Dynamics	D	N	N	M	N	D	N	N	D	N	N	N	D	D
3/6	FTE314	History and Development of Fisheries	I	N	N	N	N	N	D	N	N	N	N	N	D	D
4/7	FTE401	Fish Health	D	N	N	D	D	D	N	N	N	D	D	N	D	D
4/7	FTE403	Marine Fish	D	N	N	D	D	N	N	N	N	N	N	N	D	D
4/7	FTE405	Feed Technologies	D	D	D	D	D	N	N	N	N	D	D	N	D	D
4/7	FTE407	Cage Farming Systems	D	D	N	D	D	N	N	D	N	N	D	N	D	D
4/7	FTE409	Coastal Zone Management	D	N	N	D	N	N	D	N	D	N	N	N	D	D
4/7	FTE411	Aquatic Product Processing Methods	N	N	M	D	D	D	N	N	N	D	D	N	D	D
4/7	FTE413	Artificial Habitats	D	N	N	D	N	N	D	D	D	N	N	N	D	D
4/8	OCE402	Oceanography	D	N	N	D	D	N	N	N	D	N	N	N	D	D
4/8	FTE402	Marine Pollution	D	N	N	D	N	N	D	N	D	N	N	N	D	D
4/8	FTE404	Fisheries Regulations	N	N	N	N	N	N	D	N	D	N	N	N	D	D
4/8	FTE406	Net Making and Gear Technology	D	D	N	D	D	N	N	D	N	N	D	N	D	D
4/8	FTE444	Graduation Project	M	M	M	M	M	M	D	D	D	M	M	M	D	D
4/8	FTE408	Design and Project Planning of Aquaculture Facilities	D	D	N	D	D	N	N	D	N	D	D	N	D	D

4/8	FTE410	Marine Protected Area Design	D	N	N	D	N	N	D	D	D	N	N	N	D	D

Curriculum Electives			**Key Learning Outcomes**													
Level of Course Unit Semester	**Course Code**	**Course Name**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**
3/5	SHA301	Ship Handling	D	D	N	D	D	N	N	D	N	N	D	N	D	D
3/5	TSM301	Technical Ship Management I	D	D	N	D	D	N	D	N	N	D	D	N	D	D
3/6	MMD314	Green and Sustainable Logistics	D	N	N	D	N	N	D	D	D	N	N	N	D	D
3/6	MMD316	Maritime Risk and Crisis Management	D	N	N	D	N	N	D	D	N	N	D	N	D	D
4/7	MEN401	Maritime English II	N	N	N	N	N	N	N	N	N	N	N	D	M	D
4/7	TSM401	Technical Ship Management II	M	D	N	M	D	N	D	N	N	D	D	N	D	D
4/8	FMC402	First Aid and Medical Care	N	N	N	N	N	N	N	D	N	N	D	N	D	D
4/8	EMR402	Emergency Procedures	N	N	N	N	N	N	N	D	N	N	D	N	D	D
4/8	CRG402	Cargo Handling and Stability II	D	D	N	D	D	N	N	D	N	N	D	N	D	D
4/8	MMD404	Marine Tourism Management	D	N	N	D	N	N	D	N	D	N	N	N	D	D

TQF-HE & Program Learning Outcomes Coverage

Group		**TQF-HE Qualification**	**Program Learning Outcomes**
Knowledge	**Theoretical, Empirical**	Possessing advanced theoretical and practical knowledge supported by textbooks containing up-to-date information in the field, application tools, and other resources.	Demonstrate fundamental and applied knowledge of fisheries biology, fish physiology, aquatic ecology, and population dynamics.
Skills	**Cognitive, Applied**	Ability to apply advanced theoretical and practical knowledge acquired in the field.	Be able to apply the fundamental principles of aquaculture (design, cultivation, health management), particularly in saltwater and freshwater production systems.
		Using advanced knowledge and skills acquired in the field to interpret and evaluate data, identify problems, analyze them, and develop evidence-based solutions.	Designing, operating, and optimizing post-harvest and seafood processing systems to ensure added value, product quality, and shelf life.

Competencies	**Ability to Work Independently and Take Responsibility**	Ability to independently conduct advanced research in the field.	Apply project management, quality management, and risk assessment techniques in fisheries and aquaculture projects and operations.
		Ability to take responsibility as an individual and team member to solve complex and unforeseen problems encountered in applications related to the field.	Demonstrating professional and ethical responsibility, respecting stakeholder and community contexts, and showing commitment to lifelong learning.
		The ability to plan and manage activities aimed at the development of employees working under one's responsibility within the framework of a project.	The ability to work effectively in highly disciplined and multicultural teams and to demonstrate leadership when necessary.
		Acting in accordance with social, scientific, cultural, and ethical values during the collection, interpretation, application, and dissemination of results related to the field.	To be able to evaluate the social, economic, and market-oriented dimensions of fisheries and aquaculture in terms of supply chains, marketing, cost-benefit, and project feasibility.
		Awareness of the universality of social rights, social justice, quality culture, and the preservation of cultural values, as well as environmental protection, occupational health, and safety.	Understanding and applying food safety, HACCP, quality assurance, and traceability principles in seafood supply chains.
Competencies	**Learning Competency**	The ability to identify learning needs and guide learning.	To be able to use laboratory and field methods (water quality measurements, fish health diagnosis, near-infrared analysis), measuring devices, and sensors competently and safely.
		Developing a positive attitude toward lifelong learning.	The ecosystem-based fisheries approach (EAF) enables the integration of sustainability concepts such as marine spatial planning, bycatch reduction, and biodiversity conservation into technical decisions.

Competencies	**Communication and Social Competence**	The ability to organize and implement projects and activities for the social environment in which one lives, with a sense of social responsibility.	Conducting independent research (project work, final project), interpreting results, and effectively communicating findings to academic, industry, and stakeholder audiences in written and oral formats.
		The ability to use information and communication technologies along with computer software at a level equivalent to at least the European Computer Driving License Advanced Level, as required by the field.	Ability to use quantitative methods (statistics, sampling theory, stock assessment models) and modern tools to analyze fisheries data and support resource management.
		The ability to follow developments in one's field and communicate with colleagues using a foreign language at a level of proficiency equivalent to at least the Common European Framework of Reference for Languages (CEFR) B1 General Level.	To be able to evaluate the social, economic, and market-oriented dimensions of fisheries and aquaculture in terms of supply chains, marketing, cost-benefit, and project feasibility.
Competencies	**Field-Specific Competence**	Ability to inform relevant individuals and institutions on matters related to the field; ability to convey thoughts and proposed solutions to problems both in writing and verbally.	Design and implement engineering solutions for fishing gear, vessel-based operations, handling systems, and marine infrastructure while adhering to safety and efficiency principles.
		Being able to share your thoughts on topics related to your field and your proposed solutions to problems with both experts and non-experts, supported by quantitative and qualitative data.	Conducting independent research (project work, final project), interpreting results, and effectively communicating findings to academic, industry, and stakeholder audiences in written and oral formats.
		The ability to critically evaluate the advanced knowledge and skills acquired in the field.	Implementing the national and international legal, institutional, and policy framework related to fisheries, marine conservation, and responsible resource use.
TAY	**Program Learning Outcomes**		

TAY \ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PO13	PO14
1	✓													
2		✓												
3									✓					
4				✓										
5							✓							
6								✓						
7												✓		
8						✓								
9														✓
10														
11						✓								
12					✓									
13											✓			
14													✓	
15										✓				
16			✓											

Institutional Learning Outcome / Program Learning Outcome Coverage

R = Relevant PR = Partly Relevant NR = Not Relevant

	Institutional Learning Outcome	**PO1**	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PO8**	**PO9**	**PO10**	**PO11**	**PO12**	**PO13**	**PO14**
1	They will be able to analyze, synthesize, and evaluate information and ideas from different perspectives.	PR	R	R	R	PR	PR	PR	PR	PR	NR	PR	PR	NR	PR
2	They will be able to perform their duties within the framework of multidimensional quality standards without disregarding ethical rules.	PR	PR	PR	PR	R	R	R	R	PR	PR	PR	R	PR	PR

3	By being aware of different cultures and global and historical perspectives, they can serve society through consistent and responsible behavior.	NR	PR	PR	PR	PR	PR	R	PR	R	PR	PR	R	PR	PR
4	By bringing together the concepts and knowledge they will acquire from numerous scientific disciplines, they will be able to access different fields of knowledge, compare them, and critique them.	PR	R	R	R	PR	PR	PR	PR	PR	NR	PR	PR	NR	PR
5	They will be able to demonstrate expertise in a specialized field of work and combine theory with practice.	R	R	PR	R	R	R	PR	PR	PR	PR	PR	PR	PR	R

Occupational Profiles of Graduates

Graduates of the Fisheries Technology Engineering Program have a broad range of employment opportunities within the fisheries, seafood, and aquaculture sectors. They can take active roles in production, operation, and management processes in marine and inland fisheries, and work as engineers or managers in aquaculture farms, hatcheries, and fish farming enterprises.

Graduates may also be employed in seafood processing and value-added facilities, particularly in the areas of quality control, food safety, HACCP implementation, and production planning. In addition, they can work as technical specialists, project coordinators, or R&D personnel in companies operating in fishing equipment, fishing gear, and marine technologies. Employment opportunities are also available in public institutions and organizations involved in fisheries legislation, inspection, and licensing processes.

Furthermore, Fisheries Technology Engineering graduates may work in relevant public institutions—particularly the Ministry of Agriculture and Forestry—as well as in research institutes, universities, and scientific research centers, and may pursue graduate studies provided that they meet the required conditions. Graduates can also build careers in areas such as environmental management, coastal zone planning, marine protected areas, sustainable fisheries, and consultancy services.

Access to Further Studies

May apply to second cycle (master's) degree programmes.

Fisheries Technology Engineering Bachelor's Degree Program Graduate Statistics (Last Five Years)	
Year	**Number of Graduates**
2020	
2021	
2022	
2023	
2024	

Course Structure Diagram with Credits

I. Class / I. Semester

Course Code	Course Name	Core Elective	Theory	Practice	ECTS
MTH101	Calculus I	Core	4	0	6
NAV101	Navigation I	Core	2	2	3
SEA101	Seamanship I	Core	2	2	3
SAF101	Maritime Safety I	Core	2	2	3
CFM101	Chemistry for Mariners	Core	2	2	3
MPH101	Physics for Mariners I	Core	3	2	3
FTE101	Introduction to Fisheries Technology	Core	3	0	6
MEC101	Technical Drawing I	Core	2	2	3
Total ECTS					**30**

I. Class / II. Semester

Course Code	Course Name	Core Elective	Theory	Practice	ECTS
MTH102	Calculus II	Core	4	0	6
NAV102	Navigation II	Core	2	2	3
SEA102	Seamanship II	Core	2	2	3
FTE102	Marine Biology	Core	2	0	5
SAF102	Maritime Safety II	Core	2	2	3
MPH102	Physics for Mariners II	Core	3	2	3

FTE104	Environmental Chemistry	Core	2	0	4
CMP102	Introduction to Information Technologies	Core	3	0	3
Total ECTS					**30**
II. Class / III. Semester					
Course Code	**Course Name**	**Core Elective**	**Theory**	**Practice**	**ECTS**
FTE201	Fish Farming	Core	3	2	6
FTE203	Fish Anatomy	Core	2	2	5
MET201	Maritime Meteorology	Core	1	2	5
FTE205	Water Quality and Control	Core	2	2	4
TUR101	Turkish I: Written Expression	Core	2	0	2
AIT101	Ataturk's Principles and History of Turkish Revolution I	Core	2	0	2
ENG101	English I	Core	3	0	3
FTE207	Marine Ecology	Core	3	0	3
Total ECTS					**30**
II. Class / IV. Semester					
Course Code	**Course Name**	**Core Elective**	**Theory**	**Practice**	**ECTS**
FTE202	Fish Biology	Core	2	2	5
FTE204	Fish Diseases	Core	2	2	5
FTE206	Fish Behavior	Core	2	2	5
FTE208	Feeding Techniques	Core	2	2	5
TUR102	Turkish II: Verbal Expression	Core	2	0	2
AIT102	Ataturk's Principles and History of Turkish Revolution II	Core	2	0	2
ENG102	English II	Core	3	0	3
FTE210	Aquatic Microbial Ecology	Core	3	0	3
Total ECTS					**30**
III. Class / V. Semester					
Course Code	**Course Name**	**Core Elective**	**Theory**	**Practice**	**ECTS**

FTE301	Marine Plants	Core	2	2	4
FTE303	Aquarium Fish	Core	2	0	2
FTE305	Fishing Practices	Core	2	2	4
FTE307	Fishing Equipment	Core	2	0	4
FTE309	Quality Control in Aquatic Products	Core	2	2	5
FTE311	Basic Nutrient Analyses in Aquatic Products	Core	3	0	4
COM301	Marine Communication	Core	2	2	4
TE**	Technical Elective	Elective	2	2	3
Total ECTS					**30**
III. Class / VI. Semester					
Course Code	**Course Name**	**Core Elective**	**Theory**	**Practice**	**ECTS**
FTE302	Aquaculture	Core	2	0	3
FTE304	Fishing Methods	Core	2	2	5
FTE306	Freshwater Fishes	Core	3	0	4
FTE308	Marine Microbiology	Core	2	0	3
FTE310	Aquatic Product Technologies	Core	2	2	4
FTE312	Population Dynamics	Core	2	2	5
FTE314	History and Development of Fisheries	Core	3	0	3
TE**	Technical Elective	Elective	3	0	3
Total ECTS					**30**
IV. Class / VII. Semester					
Course Code	**Course Name**	**Core Elective**	**Theory**	**Practice**	**ECTS**
FTE401	Fish Health	Core	2	2	5
FTE403	Marine Fish	Core	2	0	3
FTE405	Feed Technologies	Core	3	0	3
FTE407	Cage Farming Systems	Core	2	2	5
FTE409	Coastal Zone Management	Core	2	0	5
FTE411	Aquatic Product Processing Methods	Core	2	2	3

FTE413	Artificial Habitats	Core	2	2	3
TE**	Technical Elective	Elective	2	2	3
Total ECTS					**30**
IV. Class / VIII. Semester					
Course Code	**Course Name**	**Core Elective**	**Theory**	**Practice**	**ECTS**
OCE402	Oceanography	Core	1	2	4
FTE402	Marine Pollution	Core	2	2	5
FTE404	Fisheries Regulations	Core	3	0	4
FTE406	Net Making and Gear Technology	Core	2	2	4
FTE444	Graduation Project	Core	0	4	4
FTE408	Design and Project Planning of Aquaculture Facilities	Core	3	0	3
FTE410	Marine Protected Area Design	Core	2	2	3
TE**	Technical Elective	Elective	2	2	3
Total ECTS					**30**
Total ECTS					**240**

Examination Regulations, Assessment and Grading		
Grade	**Coefficient**	**Percentage**
AA	4	90-100
BA	3.5	85-89
BB	3	80-84
CB	2.5	75-79
CC	2	70-74

DC	1.5	60-69
DD	1	50-59
FF	0	49 and below
NA	-	Participation rate is below 70%
Mode of Study		
Full Time		
Field(s) of Study		
Engineering		
Head of Program and ECTS Coordinator		
Head of Program		Dr. Gökhan Tarı
ECTS Coordinator		Assist. Prof. Pınar Sharghi