

Course Specifications

From the academic year 2021-2022 up to and including the academic year

Basic Marine Aquaculture Facility Management (1002877)

Course size (nominal values; actual values may depend on programme)					
Credits 2.0	Study time 50 h	Contact	hrs	12.5h	
Course offerings in aca	demic year 2022-2023				
A (semester 2)	English	Gent			
Lecturers in academic y	year 2022-2023				
Reig Puig, Maria Lourdes BARCELO				lecturer-in-charge	
Masaló Llora, Ingr	id		BARCEL03	co-lecturer	
Offered in the followin	g programmes in 2022-2023			crdts	offering
International Mas	ter of Science in Health Managemen	t in Aquaculture		2	А
Teaching languages					
English					
Keywords					
Recirculation system routine operations	ems, facilities and equipment manag s	lement, bioprogramm	ing,		
Position of the course					
develop the biopro	t providing the preliminary informat ogramming of an aquaculture facility acilities and water quality.				
Contents					
needed for the cas searched and the (1) search of produ location, physical- mortality data for (2) definition of th (3) oral presentati - Water quality an activities will be c (1) Description of f (2) Flow rate and (3) Facilities and e (4) Routine procee	ion (elevator speech format) d facilities management in marine a arried out as fllows: main equipment for water quality ma velocity measuring procedure and in equipment maintenance criteria.	wing course, will be or the selected species lected location, growt quaculture: lab anagement. struments.	h and		
	ona Aquarium) and/or selected confe	-			
Initial competences					
Information searc	h on aquaculture topics, use of sprea	nd-sheets (i.e. excel)			
Final competences					
program (biopro	cal information and criteria needed a gramming) of a fish farm routine procedures and the criteria a				

2 Understand the routine procedures and the criteria for water quality and facility maintenance in marine aquaculture

Conditions for credit contract

This course unit cannot be taken via a credit contract

Conditions for exam contract

This course unit cannot be taken via an exam contract

Teaching methods

Practicum, Demonstration, Online discussion group, Group work, Excursion, Self-reliant study activities, Seminar: coached exercises, Seminar: practical pc room classes

Learning materials and price

syllabus

References

FAO (2020) El estado mundial de la Pesca y la Acuicultura (SOFIA) <u>http://www.fao.org/fishery/sofia/en</u> *HUGUENIN, J.E. and COLT J. 1989. Design and operating guide for aquaculture seawater systems. Elsevier. Amsterdam LEKANG, 0.1. (2007) AQUACULTURE ENGINEERING. Blackwell Publishing, UK. TIMMONS, M.B.and EBELING, J.M. 2010. Recirculating Aquaculture (2nd Ed). NRAC Publication No. 401-2010*

Course content-related study coaching

Teacher available for student counselling

Assessment moments

end-of-term and continuous assessment

Examination methods in case of periodic assessment during the first examination period

Written examination

Examination methods in case of periodic assessment during the second examination period

Written examination

Examination methods in case of permanent assessment

Report, Portfolio, Oral examination, Job performance assessment

Possibilities of retake in case of permanent assessment

examination during the second examination period is possible in modified form

Calculation of the examination mark

35% Case study definition (portfolio); 15% Elevator speech; 20% Portfolio related to water quality activities; 25% Report about lab activities; 5% Behavioural evaluation accomplishment.

Students who eschew period aligned and/or non-period aligned evaluations for this course unit may be failed by the examiner.