



Ocean University of Sri Lanka | Regional Centre - Panadura

National Diploma in Aquaculture and Aquatic Resources Management (NVQ Level 5)



National Diploma in Aquaculture and Aquatic Resources Management (NVQ Level 5) - (AARM)

About this Diploma

COURSE TYPE:	DURATION:	MEDIUM:
Full Time	1.5 Years (1 Year Academics + 6 months on the job training)	English

National Diploma in Aquaculture and Aquatic Resources Management, aims to provide all-round development of a student with specialist knowledge of aquatic environments namely fresh, brackish and marine ecosystems. The impartation of specialist knowledge in aquatic ecosystems is covered by a diverse range of topics, including Aquatic Diversity, Planning, Conservation, and Sustainable Utilization of Aquatic Resources, Aquaculture and Fisheries, applications in GIS and Aquatic Modeling.

Outside of the key subject areas, students are equipped with communication and problem-solving skills, team work and perseverance and leadership qualities to ensure their career readiness to secure a future within the 21st century workforce. Aquaculture and Aquatic Resources Management will contribute NVQ level 5 program within the framework of a permitted subject combination.

Students are required to take course units equaling or exceeding a cumulative credit value of 60 points. Course units are classified as compulsory and Elective course units and the course units are designed to provide the student with specialist knowledge and skills required in contemporary Aquaculture and Aquatic Resources Management.

Career opportunities are available for diploma holders in Aquaculture and Aquatic Resources Management, will be centered on academia, government ministries and agencies, consultancy firms and as well as practicing their trade as researchers in a diverse range of hierarchical positions undertaking in depth studies on contemporary research topics with the objectives of bridging gaps in knowledge and deciphering cryptic areas in Aquaculture and Aquatic Resources Management.

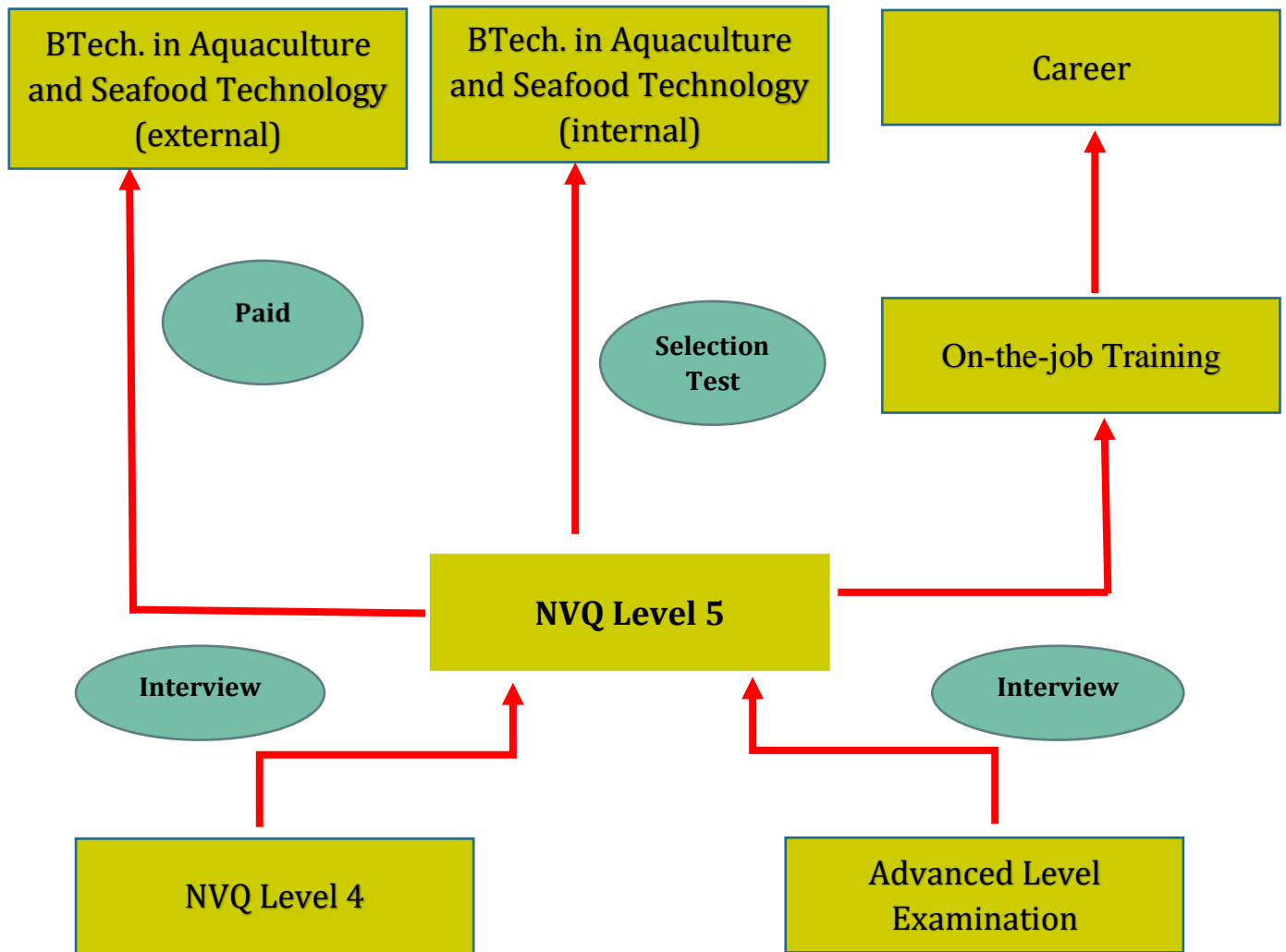
Entry Requirements

- Three passes in the G.C.E. (Advanced Level) Examination in one sitting in Biological Science or Bio System Technology Stream. (Priority will be given for the Biological Science Stream applicants)
- With “S” pass for Science and “C” pass for English in G.C.E. (Ordinary Level) examination or “S” pass for English in G.C.E. (Advanced Level) Examination in any sitting.

Or

- Completed NVQ level 4 in Aquaculture Technician and Aquarium Keeper.

Course Structure



How to Apply

Download the application from the website (ocu.ac.lk) and send the fully completed applications under registered post.

**Assistant Director,
Ocean University of Sri Lanka,
Dobagahawaththa, Uyankele Road,
Panadura.**

Modules

Semester I	
Module Code	Module Title
B05T002M01	Principles of Aquaculture
B05T002M02	Language Skill
B05T002M03	Basic Chemistry for aquaculture
B05T002M04	Basic Bio statistics
B05T002M05	Aquaculture Extension
B05T002M06	Fish and crustacean Biology
B05T002M07	Occupational Health and Safety Procedure and practice
B05T002M08	Design Aquaculture systems
B05T002M09	Introduction of Culturable Aquatic Species
B05T002M10	Information technology in Aquaculture
B05T002M11	Water quality management
EMTM01	Workplace Information management

Semester II	
Module Code	Module Title
B05T002M12	Hatchery operation
B05T002M13	Nurseries and grow out farming
B05T002M14	Marine fin/shell fish culture
B05T002M15	Freshwater finfish and prawn
B05T002M16	Seaweed and Aquatic Plant Culture
B05T002M17	Disease Management
B05T002M18	Harvesting Technology
B05T002M19	Principle, Operation and Maintenances of Aquaculture Machinery and Equipment
EMTM02	Workplace communication management
EMTM03	Planning and scheduling work at work place

Learning and Assessments

The National Diploma in Aquaculture and Aquatic Resources Management students shall take minimum of 60 credits to complete the Diploma program. Usually, One Credit is equivalent to 15 hours of lectures.

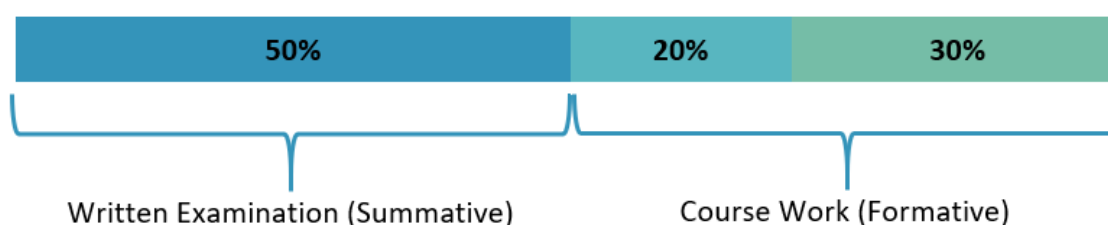
Learning Activities

Class room lectures Practical (field and laboratory)

Assessments

Quizzes, Assignments, Oral presentations, Written and Practical exams

Assessment Breakdown



Contact details

Head of the Regional Centre

Assistant Director - OCUSL Panadura

Mr. Janaka Peiris

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Mobile: +94 77 767 0196

Academic Staff

Course Coordinator - AARM

- Ms. W.C. Hiroshini – Instructor
 - M.Sc. in Fisheries and Aquatic Resources Management (USJ)
 - B.Sc. (Hons) special degree in Aquatic Resources Technology (UWU)
- Email: ChathurikaH@ocu.ac.lk