



# **ASWAN UNIVERSITY**

## **FACULTY OF FISH AND FISHERIES TECHNOLOGY**



### **Mission**

The Faculty of Fish and Fisheries Technology was established in the academic year 2013-2014. The first batch was graduated at the end of the academic year 2016-2017. The Faculty seeks to prepare technical cadres in all areas of the technology of fish and fisheries, who are qualified and able to compete in the labour market through distinct educational programs, conducting studies and research for the development of fisheries resources and improving the quality of fish production, aquaculture and processing. The Faculty also provides technical consultations, transfers technology and presents the results of applied research to the relevant institutions and bodies benefiting from the educational service provided by the Faculty.

**Aquaculture  
Technology Program**

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**Inland Water  
Fisheries  
Technology Program**

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**Marine Fisheries  
Technology Program**  
- Navigation of  
Marine Fishing

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- Maritime Safety

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- Marine Fishing  
Engineering

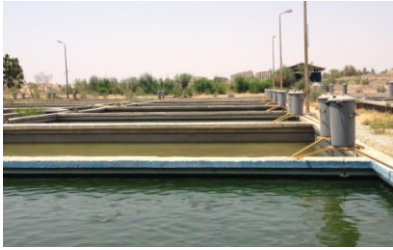
**ASWAN UNIVERSITY  
FACULTY OF FISHERIES**

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**Faculty of Fish and Fisheries Technology** is a unique faculty in terms of specialization and quality. The faculty is specialized in the technology of fisheries and fish and aims to develop fish resources in Egypt. The Faculty has five academic programs.



### Aquaculture Technology Program

The Aquaculture Technology Program brings out an "**Aquaculture Specialist**" concerned with the establishment of fish farms, breeding fish and other aquatic organisms and hatching them on a commercial scale. Also, Aquaculture Specialist is interested in nutrition, fish health, reproduction and hatchery, as well as, cultured non-traditional marine organisms, such as algae, seaweed, oysters, shellfish, echinoderms and crustaceans. In addition to fish processing, handling, trading and guiding farmers on modern technologies in the field of aquaculture.



### Inland Water Fisheries Program

This Program aims to prepare a "**Fisheries Specialist**" capable of managing fisheries, estimating fish stocks and conducting fishery statistics, complying with fishery laws and legislation as well as maritime laws, capable of designing and manufacturing modern fishing gears, as well as treating and processing fish to be commercially acceptable in the market. The program also prepares cadres who understand the importance of preserving the marine environment and develop responsible fishing policies that achieve optimal and sustainable exploitation of fisheries, and the delineation of the sources of various water resources.



### Marine Fisheries Technology Program

It is a unique program to prepare an educational product that can be built on it in the future, through three directions:

**Marine Fishing Navigation Directive** prepares a "**Fishing Ship Captain**" in accordance with the requirements of the International Maritime Organization (IMO), the International Labour Organization (ILO), the Food and Agriculture Organization of the United Nations (FAO), who deals with marine fisheries through high seas fishing and the exclusive economic zone, fishing methods, crafts used as well as the leadership of fishing vessels and is familiar with fishing laws, international maritime law and environmental protection against pollution.



**Maritime Safety Directive** prepares a "**Marine Environmental Inspector**" who monitors the safety of all special procedures for the protection of the marine environment in accordance with the standards and requirements regulated by national and international environmental protection laws and regulations in accordance with IMO regulations.



**Marine Fishing Engineering Directive** prepares a "**Second Marine Engineer**" on fishing vessels equipped with 750 kW, in accordance with the requirements of the International Maritime Organization (IMO), the International Labor Organization (ILO), the Food and Agriculture Organization of the United Nations (FAO) and able to operate the ship and maintain the engines and responsible for it during the navigation period.

## Career Opportunities

The **Faculty of Fish and Fisheries Technology** qualifies graduates to work in:

- Organizations and institutions related to fisheries managements
- African and international organizations related to fisheries managements and conservation
- Educational and training institutions
- Qualified to be a fishing vessel captain

