

THE FISHERY SCHOOLS OF TAIWAN\*

*by*

Liu, Fah-Hsuen  
Fisheries College  
National Taiwan University,  
Taipei, Taiwan

ABSTRACT

The paper lists the six institutions offering fisheries training in Taiwan and briefly describes the curricula of the vocational fishery high schools.

INTRODUCTION

At the end of World War II, Taiwan had only two fishery vocational schools. These have increased to six institutions among which two are colleges. The general conditions of the institutions are as follows:

*Fishery Biology Section, Department of Zoology,  
National Taiwan University*

This was established in 1954. There is at present a total of 35 students from freshman class to senior class. The courses in this section, besides the common courses of the Department of Zoology, are General Fisheries, Planktonology, Fish Pathology, Fishery Biology, Ichthyology, Biometry, Oceanography, Limnology and Fish Culture.

*The Taiwan Provincial Oceanographical College*

This was established in Keelung, 1953. The main purpose of this college is maritime education, so there are only two departments that relate to fishery science, the Department of Fishing and the Department of Fishery Processing. There is a total of 356 students in these two departments.

The courses in the Department of Fishing are: Aquatic Biology, Fishing Technology, Fishing Gear, Structure and Design of Fishing Gear, Oceanography, Fishing Ground, Oceanographical Meteorology and Fishery Law.

---

\*IPFC/C66/SYML.

The courses of the Department of Fishery Processing are: Food Chemistry, Fishery Chemistry, Fishery Biology, Fishery Microbiology, Fish Processing and Manufacturing, Chemical Engineering and Mechanics of Fishery Processing and Manufacturing and Cold Storage.

The Taiwan Provincial Keelung Vocational Fishery High School

This was established in Keelung, 1936 and is a three-year high school. There are five departments; Fishing Technology, Fish Processing, Fish Culture, Maritime Engineering and Fishery Management. There is a total of 870 students.

The Taiwan Provincial Kaohsiung Vocational Fishery High School

This was established in Kaohsiung, 1946 and offers a three-year course. There are four departments; Fishing Technology, Fish Processing, Fish Culture and Maritime Engineering. This school has two branches, one located at Tainan and the other at Tungkung. There are 1,340 students in these two branches.

The Taiwan Provincial Penghu Vocational Fishery High School

This was established in Penghu Islands, 1922 and also offers a three-year course. There are four departments; Fishing Technology, Fish Processing, Maritime Engineering and Fishery Management. There are 815 students.

The Taiwan Suao Provincial Vocational Fishery High School

This was established in Suao, 1959, and was a branch of Keelung School at the beginning of its establishment but has recently become independent. There are five departments; Fishing Technology, Fish Processing, Fish Culture, Maritime Engineering and Fishery Management. There are 2,922 students.

## CURRICULUM

The curricula of the Vocational Fishery High Schools are generally as follow:

Department of Maritime Engineering:

General Fisheries, Oceanography & Meteorology, Fishery Law, Navigation, Swimming, Boiler, Steam Engine, Fishing Boat Electronics, Mechanical Drawing, Diesel Engine, Accessory Engines, Engine-room Management, Cold Storage Mechanics, Navigation Rules, Metallurgy, Cold Storage.

Department of Fishing Technology:

General Fisheries, Aquatic Biology, Oceanographical Meteorology, Fishery Law, Oceanography, Swimming, Fishing Gear, Fishing Technology, Navigation, Navigation Electronics, Boat Construction, Navigation Rules, Fishing Boat Mechanics.

Department of Fish Culture:

General Fisheries, Aquatic Biology, Oceanographical Meteorology, Oceanography, Bacteriology, Fishery Chemistry, Limnology, Culture of Aquatic Organisms, Fish Culture Engineering, Fish Diseases, Hydrology, Fishery Law.

Department of Fishery Processing:

General Fisheries, Aquatic Biology, Bacteriology, Fish Chemistry, Fishery Mechanics, Cold Storage, Factory Management, Production of Food, Fish Products in Industry, Fish Products in Agriculture, Fish Products in Medicine, Oceanographical Meteorology, Fishery Law.

Department of Fishery Management:

General Fisheries, Aquatic Biology, Oceanographical Meteorology, Fishery Mechanics, Fishery Economics, Fishery Management, Industrial Administration, Use of Calculating Machine, Fishery Statistics, Commercial Law, Type-writing, Transportation of Fishery Products, Boat Repairing.