

# COURSE DETAIL

## AQUACULTURE ENGINEERING AND PRACTICE

**Country**

Ghana

**Host Institution**

University of Ghana, Legon

**Program(s)**

University of Ghana

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Environmental Studies Bioengineering Agricultural Sciences

**UCEAP Course Number**

128

**UCEAP Course Suffix****UCEAP Official Title**

AQUACULTURE ENGINEERING AND PRACTICE

**UCEAP Transcript Title**

AQUACULTURE E&PRACT

**UCEAP Quarter Units**

4.00

**UCEAP Semester Units**

2.70

**Course Description**

Planning, designing, construction and maintenance of aquaculture facilities such as ponds, pens, tanks, cages and raceways are important for the success and profitability of an aquaculture enterprise. Through the various topics that will be treated in this course, students will be equipped with knowledge on aquaculture facilities construction, installation and maintenance and environmental considerations, which are key to the success of the industry. Visits to various aquaculture facilities will be made by students to interact with entrepreneurs to ascertain the strengths and weaknesses of their facilities and how to curb identified challenges. Students will be introduced to the Global status and importance of aquaculture, design, construction and maintenance of aquaculture facilities e.g. ponds, tanks, cages. Design, construction, operation, and management of a fish farm (BMPs for Tilapia and African catfish culture), environmental considerations in aquaculture developments, Aquaculture as a business.

**Language(s) of Instruction**

English

**Host Institution Course Number**

FISH 412

**Host Institution Course Title**

AQUACULTURE ENGINEERING AND PRACTICE

**Host Institution Course Details****Host Institution Campus**

Legon campus

**Host Institution Faculty****Host Institution Degree****Host Institution Department**

Marine and Fisheries Science

**Course Last Reviewed**

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