

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 Campus

Legon campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Marine and Fisheries Science

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