



## **Internship Opportunity at Yalelo Uganda**

Yalelo Uganda is a leading aquaculture company that specializes in growing fresh, sustainably raised tilapia fish in the waters of Lake Victoria close to Jinja. Established in 2019, Yalelo has quickly become a market leader in Uganda, known for its high-quality, affordable fish. The company aims to produce 30,000 tonnes of tilapia annually within the next five years. Yalelo's operations include breeding fish in hatcheries and raising them in large cages in Lake Victoria, ensuring a healthy and natural environment for the fish. They supply fresh tilapia to various markets in Uganda, Kenya, and the Democratic Republic of the Congo.

Are you passionate about aquaculture, aquatic ecology and eager to gain hands-on experience in the field? Yalelo Uganda is offering an exciting internship opportunity focused on the carrying capacity of the Lake Victoria area where we operate.

**Position:** Aquaculture Intern

**Location:** Yalelo, Uganda, Jinja

**Duration:** [4–6 months]

**Start Date:** [As soon as possible]

### **Responsibilities:**

- Conduct research and analysis on the carrying capacity of Lake Victoria in the lake area where Yalelo Uganda has its concession.
- Assist in data collection, nutrient input, and monitoring of fish populations and water quality.
- Evaluating the Trophic state and productivity from a theoretical perspective. P and N are prime contenders as limiting nutrients.
- Doing feel test to evaluate the level of P and N in the area, inflow and outflow.
- Literature study on models that are used to calculate carry capacity of aquaculture operations in freshwater tropical lakes, then utilize and assess the right models to use (Tropomod and Legović box models) for carrying capacity assessments.
- Assessing what quality feeds, enzymes like phytate, and feeding strategies can help with reducing the FCR and what effect that will have on the total P and N going into the water body and the effect on carrying capacity.
- How cage position and spacing, and environmental factors will help with reducing environmental impact on the surrounding ecosystem
- Prepare reports and presentations on findings and recommendations.



- A paper in a peer-reviewed journal would be a plus.

**Requirements:**

- Currently enrolled in or recently graduated from a degree program in Aquaculture, Marine Biology, Environmental Science, or a related field.
- Strong analytical and research skills.
- Ability to work independently and as part of a team.
- Passion for sustainable aquaculture and environmental conservation.

**Benefits:**

- Gain practical experience in a leading aquaculture company.
- Work with experienced professionals in the field.
- Opportunity to contribute to sustainable aquaculture practices.
- Stipend and accommodation provided.

**How to Apply:** contact the Aquaculture & Fisheries group

Join us at Yalelo Uganda and make a difference in sustainable aquaculture!