Introduction
Aquaculture development in Southern Africa is hampered by a lack of skilled manpower. Local opportunities for training in aquaculture (i.e. certificate, diploma, degree, etc.) are limited. Since 2001 the University of Stellenbosch has presented an Aquaculture Education Programme in a Distance Education format.

Course Fees, Structure and Content
The Aquaculture Courses available are structured as set out below:

**Certificate Course (10 months)**
- **Entry requirements:** Grade 12 or equivalent
- **Fees:** R8 600.00 (Includes all study material)
- **Examination fee:** R 900.00 for June and November (Re-writes: R450.00 per exam)
- **Total course fee:** R9 500.00

The course content will be divided into the following sections:

1. **Applied Biology of Aquaculture Species**
   - **Species:** Trout, Carp, Tilapia, Catfish, Abalone
   - **Physiological Systems and Applied Biology**
     - Respiratory and Recirculatory systems; Digestive and Endocrine systems; Nerve, Skeletal and muscle systems

2. **Nutrition and Feeding of Aquaculture Species**
   - **Nutritional requirements;** live feeds; Formulation and manufacturing of artificial feed; Feed management: Application and Monitoring

3. **Water Ecology: Monitoring and Management**
   - **Water quality parameters**
   - Monitoring and Management of water quality

4. **Production Systems: Design and Management**
   - **Site selection & System design; Pond management**

5. **Processing and Product Development**
   - **Processing, storage & Quality control**
   - **Product development**

6. **Fish disease and Fish Health Management**
   - **Disease recognition and identification; Disease treatment and prevention; Common diseases of fish and shellfish**

Presentation
The course is presented in English through the use of multimedia, which includes: printed course material; study guides and video material. Examinations and task may also be submitted in Afrikaans.

Closing date for applications: 31st January 2019

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### STUDIESENTRA / STUDY CENTRES

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