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:

<table>
<thead>
<tr>
<th>Certificate Course (9 months)</th>
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<tbody>
<tr>
<td>Entry requirements: Grade 12 or equivalent</td>
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<tr>
<td>Fees: R7 800.00 (Includes all study material)</td>
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<tr>
<td>Examination fee: R 900.00 for June and November (Re-writes: R450.00 per exam)</td>
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<tr>
<td>Total course fee: R8 700.00</td>
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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; access to websites; video material and interactive television. Examinations and task may also be submitted in Afrikaans.

**PLEASE INCLUDE A COPY OF YOUR ID WITH THE APPLICATION FORM.**

Closing date for applications: **31st January 2014**

Enquiries: Division for Distance Education
Private Bag X1
Matieland, 7602
Tel.: +27 (21) 808 2953
Fax: +27 (21) 887 5209

Division of Aquaculture
Dept. of Genetics
Private Bag X1, Matieland, 7602
Tel.: +27 (21) 808 9146
E-mail: lorette@sun.ac.za
Application for Aquaculture Distance Education Programme

CERTIFICATE COURSE

Surname ........................................................................................................... Title ..............................................

Full names ..............................................................................................................

Highest qualification .............................................................................................. Year ..............................................

Institution ..................................................................................................................

Subjects & Grades .................................................................................................

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ID number ..............................................................................................................

Occupation .............................................................................................................

Postal address .........................................................................................................

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Courier Address: .................................................................................................

(Deliveries must be signed......................................................................................

for during office hours.) ................................................................................................

Code .........................................................................................................................

Telephone (H): .....................................................................................................

Tel (W): ...................................................................................................................

Fax: ..........................................................................................................................

Cell: .........................................................................................................................

E-mail: .......................................................................................................................

Nationality: ..............................................................................................................

Notes (Afrikaans or English): ..................................................................................

* Indicate Nearest Venue:

<table>
<thead>
<tr>
<th>STUDIESENTRA / STUDY CENTRES (Please mark with X)</th>
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<tr>
<td>IF OUTSIDE THE BORDERS OF SOUTH AFRICA PLEASE STATE COUNTRY</td>
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<tr>
<td>EASTERN CAPE</td>
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<td>East London</td>
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<td>Port Elizabeth</td>
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<td>FREE STATE</td>
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<td>Florida</td>
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<td>Pretoria</td>
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* Satellite classes are subject to student numbers per venue. Video / DVD recordings will be issued should student numbers be insufficient.

Signature: ............................................................................................................ Date: ..............................................