Programme Specification

<table>
<thead>
<tr>
<th>Programme award and title:</th>
<th>MSc/ Postgraduate Diploma/Postgraduate Certificate Sustainable Aquaculture (Distance Learning)</th>
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<tbody>
<tr>
<td>SCQF Level:</td>
<td>11</td>
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<tr>
<td>SCQF Credit Value:</td>
<td>180/120/60</td>
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**Educational aims of the programme:**
Concise (e.g. a few sentences), general statement of aims and broad purposes of the programme

• The objective of the MSc Sustainable Aquaculture (Distance Learning) programme is to provide appropriate and flexible learning opportunities through which students can acquire and further develop the knowledge and skills necessary to establish, manage and appraise aquaculture enterprises and development projects in terms of their social, economic and environmental sustainability. The Programme is a natural career progression for most candidates and an introductory course for others wishing to enter the field. It also provides training for students who wish to pursue a PhD, especially in aquaculture, fisheries and aquatic resources management.

• Students complete foundation modules in aquaculture to obtain a Postgraduate Certificate, before undertaking advanced course modules to complete the PG Diploma. For the award of MSc, a research project is undertaken.

**Intended programme learning outcomes:**
Outline (e.g. one or two paragraphs) of what the student will know, understand and be able to do as a result of their learning, expressed in the categories below. Please consider the contribution made to the student’s personal development planning (PDP) and future employability.

Knowledge and understanding
The MSc Sustainable Aquaculture enable students to understand the processes of aquatic animal health, disease control, epidemiology, nutrition and food safety, environmental impact control, hatchery techniques, genetics and reproduction, business management and planning.

Subject-specific skills and other attributes
- Students will be able to manage hatchery and production operations, critically assess farm management and be able to identify and manage or treat disease outbreaks. Students will also be able to perform financial analyses of aquaculture operations and consider implications of government policy and environmental regulation. Students will also be able to conduct environmental sampling and produce informed environmental impact analyses.

Generic skills (e.g. information skills, communication skills, critical, analytical and problem solving abilities) and other attributes
- The programme offers students numerous opportunities to develop transferable skills. These include academic skills such as researching information, problem solving, library skills, information retrieval, analytical and evaluative skills. Communication and project management skills are also an essential component of students’ personal and academic development on the programme. These skills include reporting, critical thinking, writing for wider audiences, working to deadlines, organisation, planning and prioritisation.

**Learning, teaching and assessment strategies:**
Outline (e.g. one or two paragraphs) on overall approach taken to develop and assess learning outcomes, including any distinctive features

- Each module is assessed using coursework (100%). These assessments aim to develop and assess
tranferable skills in addition to subject specific knowledge.
- For the degree of MSc, assessment is based on a research dissertation.

| Professional/statutory body accreditation or recognition: | Sought from University of Stirling |

**Further details:**

- Entry requirements: [http://www.external.stir.ac.uk/postgrad/index.php](http://www.external.stir.ac.uk/postgrad/index.php)
- Programme structure: [http://www.calendar.stir.ac.uk/](http://www.calendar.stir.ac.uk/)
- Relevant Subject Benchmark statement (if applicable): [http://www.qaa.ac.uk/academicinfrastructure/benchmark/default.asp](http://www.qaa.ac.uk/academicinfrastructure/benchmark/default.asp)
- Introduction/revision date: September 2010