Programme Specification

Programme award and title: BSc Honours Aquaculture

UCAS code: C164

SCQF Qualification Level: 10
SCQF Credit Value: 484

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 BSc Honours Aquaculture programme is to provide a programme through which students can acquire and develop the knowledge and skills necessary to begin a career in aquaculture, fisheries, aquatic resources management, or other aquatic biosciences careers. The programme also provides training for students who wish to pursue an MSc or PhD, in aquaculture or related fields.

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 BSc Honours Aquaculture enables students to understand the form and function of aquatic systems, and understand the biology, ecology, and management of organisms inhabiting these systems. Students will gain detailed knowledge of various aspects of the aquaculture industry including production and hatchery systems, nutrition, animal health and disease, and broodstock management. Practical work ensures students can translate theory into practice.

Subject-specific skills and other attributes
- Students will be able to design and perform a range of aquatic sampling techniques relevant to the development and operation of aquaculture facilities. Students will also be able to work in hatchery and production operations, understand farm management, and be able to recognise disease outbreaks. Students who choose to do so will be able to gain a professional diving qualification.

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 oral presentation skills, reporting, critical thinking, group working and leadership, 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 individual module will be assessed by coursework, examination, or a combination of both. Coursework assessments may include written assignments, presentations, case studies, critical reviews or practical laboratory work. These assessments aim to develop and assess transferable skills in addition to subject specific knowledge.

The aquaculture project will be assessed by oral presentation and dissertation. There is a general examination in semester 8 which will assess knowledge and understanding gained from all aquatic science modules undertaken throughout the degree programme.
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<th>Professional/statutory body accreditation or recognition:</th>
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