Programme Specification ARO 034a

This specification provides a concise summary of the main features of the programme and of the learning outcomes that a typical student might reasonably be expected to achieve if they take full advantage of the learning opportunities provided.

This document is published on the University website and will be a publicly available record of the named programme.

The information contained in this form should be included in the Programme Handbook, either as presented below or in a format determined by the Faculty.

Section 1 Key Facts

<table>
<thead>
<tr>
<th>Awarding Body</th>
<th>University of Stirling</th>
</tr>
</thead>
<tbody>
<tr>
<td>Partner Institution</td>
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<tr>
<td>Programme Name</td>
<td>Marine Biology</td>
</tr>
<tr>
<td>Award</td>
<td>e.g. BSc (Hons), MA etc.</td>
</tr>
<tr>
<td></td>
<td>BSc (Hons)</td>
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<tr>
<td>Faculty</td>
<td>Natural Sciences</td>
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<tr>
<td>Division (if applicable)</td>
<td>Aquaculture</td>
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<td>UCAS Code (UG only)</td>
<td>C160</td>
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<td>Programme Code</td>
<td>UHX16-MBI</td>
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<tr>
<td>Mode of Study</td>
<td>Full Time ☒  Part Time ☒ (if both please provide two Degree Programme Tables in the Outline Programme Structure)</td>
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<td>Location/Method of Study</td>
<td>On Campus – UK ☒  International ☐ Where:</td>
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<td></td>
<td>Online ☐  Blended ☐</td>
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<td>Admission Points</td>
<td>September ☒  January ☐  Other (if more than one entry point please provide a Degree Programme Table for each in the Outline Programme Structure)</td>
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<td>4 years</td>
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<td>ECTS Credit Value</td>
<td>240</td>
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<td>Relevant QAA Subject Benchmark</td>
<td>Biosciences</td>
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<tr>
<td>Professional Body Accreditation (all relevant accreditations to be listed)</td>
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</table>
Section 2 Overview

PROGRAMME SUMMARY

A comprehensive summary of the programme.

The surface of the Earth is 71% water and mankind will have an ever greater dependence on marine resources as populations increase and climate changes. However, our understanding of the oceans and seas is far from complete. This course will enable you to understand the form, function and dynamics of aquatic systems, and the biology, ecology, taxonomy and management of organisms inhabiting these systems. Practical work is integrated into the course to help you translate theory into practice. You will learn to design and perform a range of aquatic survey techniques and use the information to assess the quality of marine habitats. You will also have practical and theoretical understanding of taxonomy using traditional and molecular techniques.

The final year of study involves an independent research project, often carried out with external organisations. Overseas projects in Semester 8 are encouraged and have previously been located throughout Europe, North and South America, the Indian subcontinent, Asia and Oceania.

Our course is run by the Institute of Aquaculture, the leading international centre in its field and the largest of its kind in the world. With an excellent outcome in the most recent Research Excellence Framework 2014, we bring together cross-disciplinary, world-class researchers and have built up a first-class international reputation in teaching, research, contract research and consultancy for aquaculture. We collaborate with academic research institutions throughout Europe and beyond, including Spain, China, Brazil, Norway and Thailand.

Marine Biology is not available as a combined Honours degree, but it shares a common foundation with the degree course in Aquaculture, so you have the option to take a degree in Aquaculture until the end of Semester 5.

Key Features of the Programme

Studying at the Institute of Aquaculture, the leading international research institute in its field and the largest of its kind in the world, enables studying Marine Biology in a practical context and enhances your opportunities and employability. Our experts use their international research activities to inform their teaching.

You will have unique opportunities to gain practical experience and study abroad through our overseas partners.

PROGRAMME AIMS

Overarching Programme Aims

On successful completion of this programme, you should be able to:

- Demonstrate in-depth understanding of marine biology, grounded in the analysis and application of general biology and ecology principles, in a global context.
- Be prepared for a career in aquatic biosciences with appropriate subject-specific and general biology knowledge, practical skills, and employability skills.
- Be a research-aware graduate, well placed to continue training e.g. to MSc or PhD level.
WHAT WILL I BE EXPECTED TO ACHIEVE?

On successful completion of this programme, you should be able to:

Knowledge and Understanding:
- Demonstrate close familiarity with a range of biological scales and concepts applying from cell, through organism (tissues, organs), to population level including ecological relationships.
- Give an account of marine and aquatic biodiversity—in terms of habitats, the main marine taxa, evolutionary processes, and ecology—including threats, global change, and conservation aspects.
- Understand aquaculture as a major subject of interest for marine biologists in the UK, including its operation and relationships with the environment.
- Apply the above skills and knowledge to critically analyse and evaluate local and global marine and aquatic sustainability issues including fisheries, and management of the marine environment.

Intellectual, Practical and Transferable Skills and other graduate attributes:
- Use basic biology lab skills including lab safety, microscopy, biological drawing, live-animal observation, wet-lab work, and aquatic/marine field skills.
- Use scientific methodology including hypothesis-driven science, experimental design, report writing, and practical biostatistics.
- Assess the scientific literature through literature searching, referencing, critical reading, with appraisal and synthesis of multiple sources.
- Use all the above in order to plan, carry out, and report in different ways a substantial personal research project under supervision.
- Translate theory into practice.

Values and Attitudes:
- Work both individually, under supervision, and as part of a team.
- Work effectively in a library environment, be that physically or online information retrieval.
- Communicate effectively through a variety of media.
- Demonstrate employability skills such as planning, leadership, working to deadlines, organisation, and prioritisation.
- Reflect on how their skills and knowledge translate to a work environment.

HOW WILL I LEARN?

- We aim to provide a variety of learning activities, including lectures, practical classes, field study visits, and field courses as appropriate.
- The course follows Stirling's modular structure. In early semesters, the course is designed such that students can switch relatively easily to Marine Biology from other biology programmes. Module choice later is restricted insofar as it must be for a highly specialised subject, however, we endeavour to provide choice where appropriate. Movement between Marine Biology and Aquaculture BSc courses is supported at a later stage.

WHAT TYPES OF ASSESSMENT AND FEEDBACK CAN I EXPECT?

Assessment and Assessment Criteria
- Each individual module will be assessed by coursework, examination, or a combination of both. For 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 majority of modules have both examinations and continuous assessment. A split of 40% exam, 60% coursework would be typical.
- The marine biology project will be assessed by oral presentation and dissertation. The project is a substantial piece of independent work (with supervision) by the student.
- 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. This reflects the
increasing level of independent learning required of later-year students. This general examination is designed to allow students to demonstrate their independent learning without being prejudiced by following an alternate course through their degree (e.g. through Study Abroad).

Feedback on Assessment
You will receive feedback on coursework within 3 weeks of completion of the assessment. Feedback is usually provided electronically on formal coursework. Feedback and Guidance sessions with teaching staff are available on all modules. These provide regular opportunities to discuss feedback further. More information about feedback on assessment can be found here; http://www.stir.ac.uk/academicpolicy/handbook/assessment/

Assessment Regulations
If you would like to know more about the way in which assessment works at the University of Stirling, please see the full version of the assessment regulations at: Undergraduate

WHAT WILL I STUDY?
Outline Programme Structure

The list below shows compulsory and option modules for this programme. Option modules are revised over time and, in some cases, will be dependent upon pre-requisite and/or co-requisites being taken. More information about these requirements can be found in the relevant Module Descriptors. The options available each year can be subject to change due to student demand and availability of teaching staff.

- Where an “Option list” is specified, you have a choice of which module to take at this point in the degree programme and these choices are listed below
- For year 1 and 2 where “Any Module” is used it means that you can choose from all modules available to the year group and you can see the full list by following these links: Undergraduate

PROGRAMME FOR FULL-TIME STUDY
Year 1

Total year 1 credit value = 120
Compulsory credits = 120
Option credits = 0

Compulsory Modules

<table>
<thead>
<tr>
<th>Module Title</th>
<th>Module Code</th>
<th>Credit</th>
<th>Semester</th>
<th>SCQF Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introduction to cell biology</td>
<td>BIOU1CB</td>
<td>20</td>
<td>Autumn</td>
<td>8</td>
</tr>
<tr>
<td>Our blue planet</td>
<td>AQUU1BP</td>
<td>20</td>
<td>Autumn</td>
<td>8</td>
</tr>
<tr>
<td>Practical science skills 1: laboratory skills</td>
<td>SCIU1LS</td>
<td>20</td>
<td>Autumn</td>
<td>8</td>
</tr>
<tr>
<td>Introduction to physiology</td>
<td>BIOU2IP</td>
<td>20</td>
<td>Spring</td>
<td>8</td>
</tr>
<tr>
<td>Our thirsty planet: Man and the aquatic environment</td>
<td>AQUU2PP</td>
<td>20</td>
<td>Spring</td>
<td>8</td>
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<tr>
<td>Practical science skills 2: Field skills</td>
<td>SCIU2FS</td>
<td>20</td>
<td>Spring</td>
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</table>
## Year 2

Total year 2 credit value = 120  
Compulsory credits = 100  
Optional credits = 20

### Compulsory Modules

<table>
<thead>
<tr>
<th>Module Title</th>
<th>Module Code</th>
<th>Credit</th>
<th>Semester</th>
<th>SCQF Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>Evolution and genetics</td>
<td>BIOU3EG</td>
<td>20</td>
<td>Autumn</td>
<td>9</td>
</tr>
<tr>
<td>Introduction to aquatic environments</td>
<td>AQUU3AE</td>
<td>20</td>
<td>Autumn</td>
<td>8</td>
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<tr>
<td>Statistical techniques</td>
<td>SCIU4T4</td>
<td>20</td>
<td>Spring</td>
<td>9</td>
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<tr>
<td><em>Any 2 out of the following list of 3 compulsory modules</em></td>
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<td></td>
<td></td>
<td></td>
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<tr>
<td>Science of diving</td>
<td>AQUU4DS</td>
<td>20</td>
<td>Spring</td>
<td>9</td>
</tr>
<tr>
<td>Biodiversity</td>
<td>BIOU4BD</td>
<td>20</td>
<td>Spring</td>
<td>9</td>
</tr>
<tr>
<td>Our hungry planet</td>
<td>GEOU4HP</td>
<td>20</td>
<td>Spring</td>
<td>9</td>
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### Option Modules – you may choose one of the following modules to take

<table>
<thead>
<tr>
<th>Module Title</th>
<th>Module Code</th>
<th>Credit</th>
<th>Semester</th>
<th>SCQF Level</th>
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<tr>
<td>Any Module</td>
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## Year 3

Total year 1 credit value = 120  
Compulsory credits = 120  
Optional credits = 0

### Compulsory Modules

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<thead>
<tr>
<th>Module Title</th>
<th>Module Code</th>
<th>Credit</th>
<th>Semester</th>
<th>SCQF Level</th>
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<tbody>
<tr>
<td>Animal physiology</td>
<td>BIOU5AP</td>
<td>20</td>
<td>Autumn</td>
<td>10</td>
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<tr>
<td>Managing living aquatic resources</td>
<td>AQUU5AR</td>
<td>20</td>
<td>Autumn</td>
<td>10</td>
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<tr>
<td>Microbiology</td>
<td>BIOU5MI</td>
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<tr>
<td>Advanced marine biology</td>
<td>AQUU6MB</td>
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<td>Spring</td>
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<tr>
<td>Aquaculture</td>
<td>AQUU6AQ</td>
<td>20</td>
<td>Spring</td>
<td>10</td>
</tr>
<tr>
<td>Marine biology field course</td>
<td>AQUU6MF</td>
<td>20</td>
<td>Spring</td>
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## Year 4

Total year 1 credit value = 120  
Compulsory credits = 120  
Optional credits = 0

### Compulsory Modules

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<thead>
<tr>
<th>Module Title</th>
<th>Module Code</th>
<th>Credit</th>
<th>Semester</th>
<th>SCQF Level</th>
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<tbody>
<tr>
<td>Marine mammals field course</td>
<td>AQUU7MM</td>
<td>20</td>
<td>Autumn</td>
<td>10</td>
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<tr>
<td>Advanced marine systematics and taxonomy</td>
<td>AQUU7ST</td>
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<td>Autumn</td>
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<tr>
<td>Marine biology project</td>
<td>AQUU7MP</td>
<td>60</td>
<td>Autumn and Spring</td>
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<td>Marine biology general exam</td>
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PROGRAMME FOR PART-TIME STUDY

Year 1

Total year 1 credit value = 60
Compulsory credits = 60
Option credits = 0

Compulsory Modules

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<tr>
<th>Module Title</th>
<th>Module Code</th>
<th>Credit</th>
<th>Semester</th>
<th>SCQF Level</th>
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</thead>
<tbody>
<tr>
<td>Our blue planet</td>
<td>AQUU1BP</td>
<td>20</td>
<td>Autumn</td>
<td>8</td>
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<tr>
<td>Practical science skills 1: laboratory skills</td>
<td>SCIU1LS</td>
<td>20</td>
<td>Autumn</td>
<td>8</td>
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<tr>
<td>Practical science skills 2: Field skills</td>
<td>SCIU2FS</td>
<td>20</td>
<td>Spring</td>
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Year 2

Total year 1 credit value = 60
Compulsory credits = 60
Option credits = 0

Compulsory Modules

<table>
<thead>
<tr>
<th>Module Title</th>
<th>Module Code</th>
<th>Credit</th>
<th>Semester</th>
<th>SCQF Level</th>
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<tbody>
<tr>
<td>Introduction to cell biology</td>
<td>BIOU1CB</td>
<td>20</td>
<td>Autumn</td>
<td>8</td>
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<tr>
<td>Introduction to physiology</td>
<td>BIOU2IP</td>
<td>20</td>
<td>Spring</td>
<td>8</td>
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<tr>
<td>Our thirsty planet: Man and the aquatic environment</td>
<td>AQUU2PP</td>
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Year 3

Total year 2 credit value = 60
Compulsory credits = 40
Optional credits = 20

Compulsory Modules

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<th>SCQF Level</th>
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<td>Introduction to aquatic environments</td>
<td>AQUU3AE</td>
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<td>Autumn</td>
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<tr>
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<td>Autumn</td>
<td>8</td>
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<td>Science of diving</td>
<td>AQUU4DS</td>
<td>20</td>
<td>Spring</td>
<td>9</td>
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<td>Biodiversity</td>
<td>BIOU4BD</td>
<td>20</td>
<td>Spring</td>
<td>9</td>
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<tr>
<td>Our hungry planet</td>
<td>GEOU4HP</td>
<td>20</td>
<td>Spring</td>
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Option Modules – you may choose one of the following modules to take DELETE IF NOT REQUIRED

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<td>Autumn</td>
<td>8+</td>
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</table>
### Year 4

Total year 2 credit value = 60  
Compulsory credits = 60  
Optional credits = 0

**Compulsory Modules**

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<th>Module Title</th>
<th>Module Code</th>
<th>Credit</th>
<th>Semester</th>
<th>SCQF Level</th>
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</thead>
<tbody>
<tr>
<td>Evolution and genetics</td>
<td>BIOU3EG</td>
<td>20</td>
<td>Autumn</td>
<td>9</td>
</tr>
<tr>
<td>Statistical techniques</td>
<td>SCIU4T4</td>
<td>20</td>
<td>Spring</td>
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<tr>
<td><em>Any 1 out of the following list of 3 compulsory modules</em></td>
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<td></td>
<td></td>
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<tr>
<td>Science of diving</td>
<td>AQUU4DS</td>
<td>20</td>
<td>Spring</td>
<td>9</td>
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<tr>
<td>Biodiversity</td>
<td>BIOU4BD</td>
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<td>Spring</td>
<td>9</td>
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<tr>
<td>Our hungry planet</td>
<td>GEOU4HP</td>
<td>20</td>
<td>Spring</td>
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### Year 5

Total year 1 credit value = 60  
Compulsory credits = 60  
Optional credits = 0

**Compulsory Modules**

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<th>Module Code</th>
<th>Credit</th>
<th>Semester</th>
<th>SCQF Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>Managing living aquatic resources</td>
<td>aquu5ar</td>
<td>20</td>
<td>aut</td>
<td>10</td>
</tr>
<tr>
<td>Advanced marine biology</td>
<td>aquu6mb</td>
<td>20</td>
<td>spr</td>
<td>10</td>
</tr>
<tr>
<td>Marine biology field course</td>
<td>aquu6mf</td>
<td>20</td>
<td>spr</td>
<td>10</td>
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</table>

### Year 6

Total year 1 credit value = 60  
Compulsory credits = 60  
Optional credits = 0

**Compulsory Modules**

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<tr>
<th>Module Title</th>
<th>Module Code</th>
<th>Credit</th>
<th>Semester</th>
<th>SCQF Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>Microbiology</td>
<td>biou5mb</td>
<td>20</td>
<td>aut</td>
<td>10</td>
</tr>
<tr>
<td>Animal physiology</td>
<td>biou5ap</td>
<td>20</td>
<td>aut</td>
<td>10</td>
</tr>
<tr>
<td>Aquaculture</td>
<td>aquu6aq</td>
<td>20</td>
<td>spr</td>
<td>10</td>
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</table>

### Year 7

Total year 1 credit value = 60  
Compulsory credits = 60  
Optional credits = 0

**Compulsory Modules**

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<tr>
<th>Module Title</th>
<th>Module Code</th>
<th>Credit</th>
<th>Semester</th>
<th>SCQF Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>Marine mammals field course</td>
<td>AQUU7MM</td>
<td>20</td>
<td>Autumn</td>
<td>10</td>
</tr>
<tr>
<td>Advanced marine systematics and</td>
<td>AQUU7ST</td>
<td>20</td>
<td>Autumn</td>
<td>10</td>
</tr>
</tbody>
</table>
Year 8

Total year 1 credit value = 60
Compulsory credits = 60
Optional credits = 0

Compulsory Modules

<table>
<thead>
<tr>
<th>Module Title</th>
<th>Module Code</th>
<th>Credit</th>
<th>Semester</th>
<th>SCQF Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>Marine biology project</td>
<td>AQUU7MP</td>
<td>60</td>
<td>Autumn and Spring</td>
<td>10</td>
</tr>
</tbody>
</table>

READING LIST

Required and Recommended Reading for the Programme

Marine biology is a hugely diverse subject and we encourage our students to engage with the literature widely, rather than relying on specific textbooks. Stirling also has a modular system and therefore specific texts may be recommended for particular modules.

Section 3 Student Support [PLEASE UPDATE AS NEEDED FOR THE STUDENT COHORT]

SUPPORT FOR STUDENT LEARNING

Induction
You will receive an induction during the first days of your programme. This includes a range of social events, information sessions and activities to help you orientate yourself at Stirling and access the services available to you. These are opportunities to meet staff and other students from across the university, in the Faculty and on the programme.

Faculty of Natural Sciences also provides induction events at the start of your fourth year that will help prepare you for fourth year study, graduation and your future career.

Study Skills Support
Student Learning Services (SLS) are committed to providing comprehensive guidance on all aspects of effective and efficient learning. The ultimate aim of the service is to enable you to make the most of your academic studies at the University and for you to become an independent, successful learner during your time at the University of Stirling. This is facilitated through collaborative work with experienced tutors and by offering a variety of courses, workshops and tutorials.

All students, whatever stage of their academic studies, are welcome to use Student Learning Services. However the service may be particularly beneficial:

- In your first two years of study.
- If you are making the transition from college to Higher Education.
- If you have been out of education for some time.

What SLS are able to do:

- Advise you on academic skills relevant to your studies at University.
- Help you consolidate your previous learning and develop new learning strategies.
- Advise on action-plans to potentially improve grades.
- Suggest practical solutions if you feel overwhelmed by assignment work.
- Help you gain confidence in the transition to Higher Education.

More information can be found here: http://www.stir.ac.uk/campus-life/learning-support/student-learning-services/

**STEER**

STEER is a University-wide peer support scheme linking in returning student "Captains" with new undergraduate or taught post-graduate "Crew" during their first year at Stirling.

The scheme aims to help you make the most of your time at the University, help new students - the Crew - settle in and realise the opportunities available to them. You can find out more information here: https://www.stirlingstudentsunion.com/representation/studentsupport/steer/

**Academic and Pastoral Support**

**Adviser of Studies:** Advisers have an important role to play in enhancing your academic and personal development and are essential to ensuring you make the most of your time at university. Advisers provide a personalised point of contact for you to discuss academic concerns or queries within the academic community. The general purpose of the role is to provide more in-depth advice on the academic options available to you and on the academic policies and regulations within the University. More information can be found here: http://www.stir.ac.uk/registry/advisers/

**Personal Tutor:** The role of a personal tutor is to help you feel part of the University community. They are a specific and consistent source of guidance, information and support for you throughout your studies. The tutor should be the your first formal point of contact for general academic guidance and pastoral support. More information can be found here: http://www.stir.ac.uk/tse/personal-tutor/

**Support and Wellbeing:** At university you may face non-academic issues where you need some expert help or guidance. There are lots of ways we can help you in your day-to-day life at University. Student Support Services provide a range of high-quality services to assist you during the course of your studies, help prepare you for life after graduation. We aim to enhance the student experience and help you to get the most out of your time at University. More information can be found here: http://www.stir.ac.uk/campus-life/support-and-wellbeing/

**Student Union:** you can also access support through the Students’ Union, more information can be found here: https://www.stirlingstudentsunion.com/representation/studentsupport/

**Accessibility and Inclusion (A&I)**

A&I are committed to offering a service which is welcoming and supportive of the needs of all students. Our service takes into account the full range of needs you may have, in a wide variety of circumstances including - physical and mobility difficulties, sensory impairments, specific learning difficulties including dyslexia and autistic spectrum disorder as well as medical conditions and mental health difficulties. A&I can also support you if you have short-term, temporary impairments or other difficulties as a result of an accident, injury, illness or surgery. More information can be found here: http://www.stir.ac.uk/student-support/accessibility-&-inclusion-service/

**Learning Resources**

You can find out more about the resources available to support your learning here: http://www.stir.ac.uk/campus-life/learning-support/
Section 4 Programme Evaluation and Enhancement

**METHODS FOR EVALUATING AND IMPROVING THE QUALITY AND STANDARDS OF TEACHING AND LEARNING**

**Module Feedback**
Module Feedback Questionnaires are carried out each year and are an important way of getting student feedback on the modules we teach. We aim to evaluate every module we teach in every semester. You can find out more here: [http://www.stir.ac.uk/registry/studentinformation/moduleevaluation/](http://www.stir.ac.uk/registry/studentinformation/moduleevaluation/)

**Programme Review**
Programmes are reviewed annually and on a 5 yearly cycle. You can get involved in a variety of different ways; by completing module evaluations, becoming a course representative and attending Student Staff Consultative Committees, or participating in the review process itself. You can find out more here: [http://www.stir.ac.uk/academicpolicy/handbook/review-and-monitoring/](http://www.stir.ac.uk/academicpolicy/handbook/review-and-monitoring/)

**External Examiner(s)**
Name of External Examiner: Kimberley Bennet
Institution: Abertay

Section 5 My Future

**WHAT KIND OF CAREER MIGHT I GO ON TO?**
*What career avenues does this qualification open up to the student?*
Our graduates are sought after in relevant areas of employment, in both public and private sectors, such as:

- environmental protection
- environmental impact assessment
- environmental and conservation fields
- pollution control
- water companies, tourism
- fisheries management
- governmental regulatory departments
- the fast-growing aquaculture sector.

In addition, there is a wide range of more general graduate employment, which includes:

- biotechnological companies
- bioinformatics
- health and clinical sciences
- forensic science
- medical sales and marketing
- science journalism
- teaching

We include an aquaculture module as the aquaculture sector is a major Scottish industry and employer of marine biology graduates.

A second degree (MSc or PhD) is often needed if you want to advance your career to more senior research posts, and many of our graduates go on to pursue further study at Stirling or other UK and overseas universities.
WHAT STUDY ABROAD OPPORTUNITIES ARE AVAILABLE?
Study abroad opportunities are available in semester 5 or 6, for students who successfully apply.
Popular destinations for study abroad students for Marine Biology include:
- Flinders University, Australia
- University of Alaska
- University of Hawaii at Hilo
- University of North Carolina at Wilmington
- California State University, Monterey Bay.

WHAT PLACEMENT OPPORTUNITIES ARE AVAILABLE?
There are no placement modules within this programme.
The Institute of Aquaculture maintains a module on our virtual learning environment to advertise employability development opportunities as and when they occur to which all our students have access.

WHAT FURTHER STUDY OPTIONS ARE AVAILABLE TO ME?
A wide variety of PhD and MSc courses are undertaken by our graduates, both in the UK, wider across the EU, and worldwide.

The institute of Aquaculture offers MScs in Sustainable Aquaculture and in Aquatic Pathobiology which regularly attract our recent graduates, both immediately following the course, and sometimes later.

WHAT OTHER INFORMATION DO I NEED TO KNOW?
We subsidise costs for fieldtrips, but you’ll have to make a financial contribution towards your travel, accommodation and subsistence for all residential fieldtrips. Field trips are an optional, but highly recommended, part of the programme as they provide an invaluable opportunity to apply your skills and knowledge to answer environmental questions in unfamiliar landscapes. However, non-residential field learning is embedded in other modules in the programme.

Students are expected to provide a laboratory coat and have suitable outdoor clothing for laboratory and field practicals.

Our university library is well stocked with resources for this programme, but for your convenience you may wish to purchase your own copies of some core texts.

Section 6 Admissions

HOW DO I ENTER THE PROGRAMME?
Admissions Criteria

• Year 1 entry – Four-year honours

SQA Highers
AABB - one sitting.
AAAB - two sittings.

GCE A-levels
BBB

IB Diploma
32 points

BTEC (Level 3)
DDM
Essential subjects
To include one of Biology, Chemistry, Mathematics or Physics.

- Year 2 entry – Three-year honours

SQA Advanced Highers
ABB

GCE A-levels
ABB

IB Diploma
35 points

Essential subjects
To include Biology and one of Environmental Science, Geography or Geology.

- Other qualifications

HNC/HND
Year one minimum entry
Scottish HNC/D - Bs in graded units

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