Programme Specification

Programme award and title: BSc in Biology and Professional Education (Secondary)

UCAS code: UHX16-BIOEDU

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

- An integrated degree in which students are trained in most aspects of Biological Sciences while studying the appropriate Education modules required for a teaching Diploma (GTC Scotland).

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
- Students will develop an understanding of Biology which encompasses molecular, cellular, organismal, and ecosystems Biology. Knowledge will be gained through theoretical and practical exercises. At the same time, students will develop an appreciation of good teaching practice.

Subject-specific skills and other attributes
- Appreciation of Biological systems at all levels. Observation and data recording skills. Data analysis, including statistical analysis. Experimental design and problem solving.
- Identify and address needs of learners. Awareness of curriculum. Effective communicator.

Generic skills (e.g. information skills, communication skills, critical, analytical and problem-solving abilities) and other attributes
- Gathering relevant information from libraries and other sources
  - note taking
  - numeracy
  - literacy
  - data handling
  - oral and written presentation skills
  - practical skills
  - report writing
  - problem solving
  - IT skills
  - project management
  - time management

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

- Biology modules in semesters 1-6 will be assessed in accordance with current IBES practice.
- Biology modules in semester 7/8 will be assessed by essays, examination, oral presentation, lab reports
- Education modules assessed in accordance with IoE practice
- Teaching practice modules assessed during tutor visits

Professional/statutory body

ARO 029a August 06
accreditation or recognition:

Further details:

Entry requirements: [http://www.external.stir.ac.uk/undergrad/entry_reqs/index.php](http://www.external.stir.ac.uk/undergrad/entry_reqs/index.php)

Programme structure: [http://www.calendar.stir.ac.uk/](http://www.calendar.stir.ac.uk/)

Relevant Subject Benchmark statement: [http://www.qaa.ac.uk/academicinfrastructure/benchmark/default.asp](http://www.qaa.ac.uk/academicinfrastructure/benchmark/default.asp)


Introduction/revision date: 2010

Entry requirements

As for Biology programme

Programme Structure

| Semester 1 | BIO1CB | SCI1LS | EDU9E1 |
| Semester 2 | BIO2IP | SCI12FS | EDU9E2 |
| Semester 3 | BIO3EG | SCI13FC | EDU9AOb | EDU9E3 | PDM9L6a |
| Semester 4 | BIO4BD | SCI4T4 | EDU9E4 |
| Semester 5 | BIO5AP | BIO5MI | EDU9A5c | EDU9APd |
| Semester 6 | BIO6AC | BIO6EF or BIO6MB or BIO6PE | EDU9E6 |
| Semester 7 | EDU9P7 | EDU9T7 |
| Semester 8 | 44 SCQF credits from IBES half modules |

aStudents need not take PDM9L6 if they have passed CSC931 or CSC941, or if they have completed the ECDL.

bEDU9AO is completed in the vacation before the start of semester 4.

cIn Autumn 2011, EDU9A5 will be replaced by a new module, EDU9E5.

dEDU9AP is completed in the vacation before the start of semester 6.

Confirmation of admission to the Honours programme takes place at the beginning of semester 5. To gain admission, students must have completed the modules specified above in semesters 1 to 4, with grades of 2F or better in BIO4BD, EDU9E4 and one other module.

Undergraduate

Relevant Benchmark Statement

General Bioscience Benchmarks

The general skills and knowledge expected of a Bioscience student are delivered in semesters 1-6, as outlined in existing degree programmes.

Biology specific benchmarks – as for Biology degree.

Scottish Framework and Qualifications standard

As for Biology programme