1. **Title of the module**

BIOS3230 (BI323) - Diversity of Living Organisms

1. **School or partner institution which will be responsible for management of the module**

Biosciences

1. **The level of the module (Level 4, Level 5, Level 6 or Level 7)**

Level 4

1. **The number of credits and the ECTS value which the module represents**

15 credits (7.5 ECTS)

1. **Which term(s) the module is to be taught in (or other teaching pattern)**

Spring

1. **Prerequisite and co-requisite modules**

None

1. **The programmes of study to which the module contributes**

BSc Biology and related programmes

1. **The intended subject specific learning outcomes.  
   On successfully completing the module students will be able to:**

8.1 Demonstrate an appreciation of the diversity of microbial life (bacteria, fungi unicellular and simple multicellular eukaryotes).

8.2 Demonstrate an understanding of plant structural and reproductive diversity and the colonisation of the land by plants.

8.3 Demonstrate an understanding that animals are multicellular heterotrophic eukaryotes with tissues that develop from embryonic layers.

8.4 Demonstrate the ability to safely handle and conduct experiments on a range of organisms under defined laboratory conditions.

1. **The intended generic learning outcomes.  
   On successfully completing the module students will be able to:**

9.1 Communicate effectively using writing.

9.2 Make observations, record and interpret data.

1. **A synopsis of the curriculum**

The aim of this module is to introduce the diversity of life, evolution and development of body form in a wide variety of organisms, including prokaryotes, animals and plants.

1. **Reading list (Indicative list, current at time of publication. Reading lists will be published annually)**

* Biology: A Global Approach. Campbell, N.A., Reece, J.B., Urry, L., Wasserman, S.A., Minorsky, P.V. and Jackson, R.B. Global edition. 10th edition. 2015, Pearson

1. **Learning and teaching methods**

Total contact hours: 38

Private study hours: 112

Total study hours: 150

1. **Assessment methods**
   1. Main assessment methods

Practical (25%) – max word limit 2500 words

Practical (25%) – max word limit 1500 words

Examination (50%), 2 hours

13.2 Reassessment methods

Like for like

1. **Map of module learning outcomes (sections 8 & 9) to learning and teaching methods (section12) and methods of assessment (section 13)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Module learning outcome** | *8.1* | *8.2* | *8.3* | *8.4* | *9.1* | *9.2* |
| **Learning/ teaching method** |  |  |  |  |  |  |
| Lectures | **X** | **X** | **X** |  |  |  |
| Laboratory |  |  |  | **X** | **X** | **X** |
| Self-study | **X** | **X** | **X** |  | **X** | **X** |
| **Assessment method** |  |  |  |  |  |  |
| Practical 1 | **X** |  |  | **X** | **X** | **X** |
| Practical 2 |  |  | **X** |  | **X** | **X** |
| Examination |  | **X** | **X** |  | **X** |  |

1. **Inclusive module design**

The School recognises and has embedded the expectations of current equality legislation, by ensuring that the module is as accessible as possible by design. Additional alternative arrangements for students with Inclusive Learning Plans (ILPs)/declared disabilities will be made on an individual basis, in consultation with the relevant policies and support services.

The inclusive practices in the guidance (see Annex B Appendix A) have been considered in order to support all students in the following areas:

a) Accessible resources and curriculum

b) Learning, teaching and assessment methods

1. **Campus(es) or centre(s) where module will be delivered**

Canterbury

1. **Internationalisation**

Biosciences is an international discipline. This module presents subject-specific knowledge, research approaches and techniques, generated, developed and refined by scientists around the world. Mastery of the learning outcomes will equip students to apply the theories and techniques of the module in a wide range of international contexts. In compiling the reading list, consideration has been given to the range of texts that are available internationally and a selection has been identified to complement the delivery of the material. The School of Biosciences is an international community of students and staff. Group activities e.g. in practicals, tutorials, workshops and self-study will naturally draw on the international make-up of the student body; the module teaching team includes members with international experience of teaching and research collaboration.

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**Revision record – all revisions must be recorded in the grid and full details of the change retained in the appropriate committee records.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Date approved | Major/minor revision | Start date of the delivery of revised version | Section revised | Impacts PLOs (Q6&7 cover sheet) |
| 20/01/20 | Minor | Sep 2020 | 13 | No |
|  |  |  |  |  |

Revised FSO Feb 2020