1. **Title of the module**

FOUN0045 (LZ045) Life Sciences for Academic Study

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

Centre for English and World Languages

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

Level 3

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

30 credits (15 ECTS)

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

Autumn, Spring and Summer Terms

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

Co-requisite modules include: FOUN0036 Academic Skills Development (15 credits) and either FOUN0035 Foundation Project (15 credits) OR FOUN0037 English for Academic Study (15 credits),

**JYA English Plus Programme Students:**

There are no co-requisite modules for JYA English Plus students

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

International Foundation Programme and JYA English Plus

1. **The intended subject specific learning outcomes.
On successfully completing the module students will be able to:**
	1. Demonstrate introductory understanding and knowledge of Biosciences and its research methods
	2. Show a familiarity and awareness of how key concepts in Biosciences relate to current and contemporary issues
	3. Show an awareness of sub-disciplines within Biosciences and how these relate to each other
	4. Demonstrate introductory understanding and knowledge of Biosciences
	5. Select, evaluate and use relevant information from a range of textual formats (e.g. quantitative, tabular and graphic data, reports, textbooks and articles) relevant to the study of Biosciences.
	6. Demonstrate introductory understanding and knowledge of data handling processes and descriptive statistics relevant to Biosciences
2. **The intended generic learning outcomes.
On successfully completing the module students will be able to:**
	1. Show knowledge, understanding and appreciation of the diversity of theoretical and empirical approaches in university study.
	2. Understand the quality of theories, methods and findings in published research.
	3. Comply with methods of assessment, deadlines, homework, seminars, workshops, laboratory work and tutorials, as appropriate.
	4. Appropriately manage and organise their time.
	5. Use information technology and library resources to support learning and personal understanding.
3. **A synopsis of the curriculum**

This module introduces students to the study of Biosciences, with the aim of providing an introductory understanding of key topics in this field. This module is predominantly theoretical and is class-room based. The module will explore Biosciences and the research methods common in its research. The lectures will cover some of the key concepts and theories in the study of Biosciences. The module encourages students to explore Biosciences in a manner which is relevant for University undergraduate study.

1. **Reading list (Indicative list, current at time of publication. Reading lists will be published annually)**
* Barnard, C., Gilbert, F. & McGregor, P. (2011) *Asking Questions in Biology: A Guide to Hypothesis Testing, Experimental Design and Presentation in Practical Work and Research Projects*, (4th edition). Harlow: Pearson
* Fisher, J. & Arnold, J. (2012) *BIOS Instant Notes in Chemistry for Biologists*, (3rd edition). London: Routledge.
* Jones, A., Reed, R. & Weyers, J. (2012) *Practical Skills in Biology*, Benjamin Cummings, (5th edition). Harlow: Pearson.
* Simon, E. Dickey, J. & Reese, J. (2013) *Campbell* *Essential Biology with Physiology*, (4th edition). Harlow: Pearson. (core text)
1. **Learning and teaching methods**

|  |  |
| --- | --- |
| Total contact hours: | *96* |
| Private study hours: | *204* |
| Total Study hours: | *300* |

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

Assignment 1 (1,000 Words) (15%)

In Course Test 1 (45 minutes) (15%)

Assignment 2 (1,500 Words) (25%)

Seminar Participation (5%)

Examinations, (2 hours) (40%)

JYA English Plus alternative assessment in lieu of exam

Written Assignment (1,500 words)

13.2 Reassessment methods

Reassessment Instrument: 100% exam

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* | *8.5* | *8.6* | *9.1* | *9.2* | *9.3* | *9.4* | *9.5* |
| **Learning/ teaching method** |  |  |  |  |  |  |  |  |  |  |  |
| Lectures | **x** | **x** | **x** | **x** |  |  | **x** | **x** |  |  |  |
| Seminars | **x** | **x** | **x** | **x** |  |  | **x** | **x** |  |  |  |
| Workshops | **x** | **x** | **x** | **x** | **x** | **x** | **x** | **x** |  |  |  |
| Private Study | **x** | **x** | **x** | **x** | **x** | **x** | **x** | **x** | **x** | **x** | **x** |
| **Assessment method** |  |  |  |  |  |  |  |  |  |  |  |
| Written Assignment; one essay  | **x** | **x** |  | **x** | **x** | **x** | **x** |  | **x** | **x** | **x** |
| In-course Test | **x** | **x** |  | **x** | **x** | **x** |  |  | **x** | **x** |  |
| Written Assignment; one essay  | **x** | **x** | **x** | **x** | **x** | **x** |  | **x** | **x** | **x** | **x** |
| Seminar mark based on preparation and performance |  | **x** | **x** | **x** | **x** | **x** | **x** | **x** | **x** | **x** | **x** |
| Final Examination or JYA 3 x short essays  | **x** | **x** | **x** | **x** | **x** | **x** |  | **x** | **x** | **x** |  |

1. **Inclusive module design**

The Centre 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**

This module will introduce the key concepts, research and issues in different sub-areas of Biosciences. They will make the students aware of internationally relevant different perspectives and methods common in Biosciences, specifically relating them to contemporary and controversial issues in modern society. Discussions in workshops and seminars will give students the chance to learn from their peers. Preparation for assessments will give students the chance to learn from a range of materials.

**FACULTIES SUPPORT OFFICE USE ONLY**

**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) |
| 28/07/17 | Minor | September 2017 | 13, 14 | No |
|  |  |  |  |  |

Revised FSO Jan 2018