1. KentVision Code and title of the module

BIOS6200 – Frontiers in Virology

## Division and School/Department or partner institution which will be responsible for management of the module

Division of Natural Sciences (Biosciences)

## The level of the module (Level 4, Level 5, Level 6 or Level 7)

Level 6

## The number of credits and the ECTS value which the module represents

15 Credits (7.5 ECTS)

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

Autumn

## Prerequisite and co-requisite modules and/or any module restrictions

None

## The course(s) of study to which the module contributes

Optional for the following courses:

BSc (Hons) Biomedical Science and related courses

BSc (Hons) Biochemistry and related courses

BSc (Hons) Biology and related courses

Not available as an elective module

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

8.1 Demonstrate an understanding of selected fields and the leading issues/hot topics in the field of virology and the limitations of our current knowledge about viruses and their biology.

8.2 Understand the concepts and functions behind standard cell biological, biochemical, and molecular biological assays used to study viruses.

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

9.1 Demonstrate an ability to understand, analyse and assess published scientific data.

9.2 Assess orally-presented scientific data and concepts, providing constructive feedback.

9.3 Design and conceptualise experiments to address specific scientific questions.

9.4 Communicate effectively to a variety of audiences and/or using a variety of methods.

9.5 Demonstrate problem solving skills.

## A synopsis of the curriculum

The module will develop understanding and analytical skills in virology, based around interactive seminars wherein students will analyse, present, and discuss the relevant research literature. The students will gain experience in scientific design, literature analysis, scientific communication, and the analysis of experimental data.

## Reading list

## The University is committed to ensuring that core reading materials are in accessible electronic format in line with the Kent Inclusive Practices.

## The most up to date reading list for each module can be found on the university's [reading list pages](https://kent.rl.talis.com/index.html).

## Contact Hours

Private Study: 126

Contact Hours: 24

Total: 150

## Assessment methods

13.1 Main assessment methods

* Critical Analysis Worksheets (x7) – Pass/Fail
* Technical Summary (750 words) – 65%
* Presentation (10 minutes) – 35%

13.2 Reassessment methods

* Like-for-like

## Map of module learning outcomes (sections 8 & 9) to learning and teaching methods (section 12) and methods of assessment (section 13)

**Module learning outcomes against learning and teaching methods:**

| **Module learning outcome** | 8.1 | 8.2 | 9.1 | 9.2 | 9.3 | 9.4 | 9.5 |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Private Study | **x** | **x** | **x** | **x** | **x** | **x** | **x** |
| Lectures | **x** | **x** | **x** | **x** | **x** | **x** | **x** |
| Symposium | **x** | **x** | **x** | **x** | **x** | **x** | **x** |

**Module learning outcomes against assessment methods:**

| **Module learning outcome** | 8.1 | 8.2 | 9.1 | 9.2 | 9.3 | 9.4 | 9.5 |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Critical Analysis Worksheets | **x** | **x** | **x** |  |  | **x** |  |
| Technical Summary | **x** | **x** | **x** |  | **x** | **x** | **x** |
| Presentation | **x** | **x** | **x** | **x** | **x** | **x** | **x** |

## Inclusive module design

The Division 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

## Campus(es) or centre(s) where module will be delivered

Canterbury

## Internationalisation

Science is an international discipline with widely applicable international resonance. This module presents subject-specific knowledge generated, developed, and refined by scientists around the world. Mastery of the learning outcomes will equip students to apply the knowledge in a wide range of international contexts and these will be addressed in making the content relevant to current global issues. The Division of Natural Sciences is an international community of students and staff and group activities and teaching will provide a platform for internationally-focussed discussion.

**DIVISIONAL USE ONLY**

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

| Date approved | New/Major/minor revision | Start date of delivery of (revised) version | Section revised  (if applicable) | Impacts PLOs (Q6&7 cover sheet) |
| --- | --- | --- | --- | --- |
| 24 May 2017 | Minor | September 2017 | 6, 11, 13 | No |
| 21 Dec 2018 | Minor | September 2018 | 1, 6, 8-14 | No |
| 20 Jan 2020 | Minor | September 2020 | 13 | No |
| 9 Dec 2021 | Minor | September 2021 | 13 | No |