

MODULE DESCRIPTOR

Module Title

Current Trends in Biomedical Science

| | | | |
|-----------|-------------|-------------|--------|
| Reference | PL3506 | Version | 1 |
| Created | April 2023 | SCQF Level | SCQF 9 |
| Approved | June 2023 | SCQF Points | 15 |
| Amended | August 2021 | ECTS Points | 7.5 |

Aims of Module

To provide students with the opportunity to undertake an independent investigation in an area of current interest in any of the biomedical science subject areas.

Learning Outcomes for Module

On completion of this module, students are expected to be able to:

- 1 Research in depth an area of current interest in any biomedical science subject area (e.g. transfusion science, cytopathology, histopathology, clinical biochemistry, medical microbiology, haematology).
- 2 Appraise the literature and prepare an appropriate review.

Indicative Module Content

Students will independently investigate a selected contemporaneous topic within the major biomedical science disciplines (e.g. transfusion science, cytopathology, histopathology, clinical biochemistry, medical microbiology, haematology).

Module Delivery

This module will predominantly be delivered through student-centred activity. The investigation will be supported by directed reading with the emphasis placed on increasing autonomous development of the subject material under investigation.

Indicative Student Workload

| | Full Time | Part Time |
|--|-----------|-----------|
| Contact Hours | 10 | N/A |
| Non-Contact Hours | 140 | N/A |
| Placement/Work-Based Learning Experience [Notional] Hours | N/A | N/A |
| TOTAL | 150 | N/A |
| <i>Actual Placement hours for professional, statutory or regulatory body</i> | | |

ASSESSMENT PLAN

If a major/minor model is used and box is ticked, % weightings below are indicative only.

Component 1

Type: Coursework Weighting: 100% Outcomes Assessed: 1, 2
 Description: Candidates are assessed through the submission of an independent dissertation thesis

MODULE PERFORMANCE DESCRIPTOR**Explanatory Text**

Component 1 (CW1) comprises 100% of the module grade. A minimum of a Grade D is required to pass the module. Non-submission will result in NS Module Grade.

| Module Grade | Minimum Requirements to achieve Module Grade: |
|--------------|--|
| A | A |
| B | B |
| C | C |
| D | D |
| E | E |
| F | F |
| NS | Non-submission of work by published deadline or non-attendance for examination |

Module Requirements

| | |
|--------------------------|--|
| Prerequisites for Module | Successful completion of Stage 2 of the course, or equivalent. |
| Corequisites for module | None. |
| Precluded Modules | None. |

ADDITIONAL NOTES

Reference material will consist of scientific papers and reviews published in relevant peer-reviewed journals.

INDICATIVE BIBLIOGRAPHY

- 1 RUDESTAM, K.E. and NEWTON, R.R. *Surviving Your Dissertation: A comprehensive guide to content and process*. 4th Edition, 2014: Sage Publications Inc.
- 2 BREACH, M. *Dissertation Writing for Engineers and Scientists*. 1st Edition, 2008: Prentice Hall