1. **Title of the module**

LABS608 Laboratory Research Project

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

Centre for Higher and Degree Apprenticeships

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

Level 6

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

45 Credits (22.5 ECTS)

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

Flexible delivery model

Autumn and/or Spring and/or Summer

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

N/A

1. **The course(s) of study to which the module contributes**

BSc (Hons) in Applied Bioscience

BSc (Hons) in Applied Chemical Sciences

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

8.1 Demonstrate initiative and personal responsibility in the planning and execution of the business project.

8.2 Undertake a critical and extensive evaluation of any literature/data/information relevant to the project.

8.3 Systematically and critically apply appropriate methodologies within the project.

8.4 Critically discuss and evaluate complex data generated within the scope of the project.

8.5 Produce a detailed written report and a presentation to communicate clearly the findings to both specialist and non-specialist audiences

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

9.1 Demonstrate the development of practical/technical skills.

9.2 Analyse, evaluate and correctly interpret data.

9.3 Present and communicate data.

9.4 Obtain and use information from a variety of sources as part of self-directed learning.

9.5 Manage their time and use their organisation skills within the context of self-directed learning.

**10. A synopsis of the curriculum**

This module represents a Hypothesis-driven work-based laboratory/clinical research project. There is no delivered curriculum.

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

The references from a number of the other modules will be useful in completing the project. It is expected that research journals and other publications will also be used to support the project.

1. **Learning and teaching methods**

Contact Hours: 315

Private Study Hours: 135

Total Study Hours: 450

1. **Assessment methods**

13.1 Main assessment methods

Detailed Project Report 70% - 7,500 words

Oral Presentation 30% - 30 minute talk followed by questions

Both assessments must be passed to pass the module. The pass mark for this module is 40%.

13.2 Reassessment methods

Like for Like

1. ***Module learning outcomes (sections 8 & 9) to learning and teaching methods (sectin12) and methods of assessment (section 13)***

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Module learning outcome** | 8.1 | 8.2 | 8.3 | 8.4 | 8.5 | 9.1 | 9.2 | 9.3 | 9.4 | 9.5 |
| **Learning/ teaching method** |  |  |  |  |  |  |  |  |  |  |
| **Teaching** |  |  |  |  |  |  |  |  |  |  |
| Work based research project | **x** |  | **x** | **x** |  | **x** | **x** |  |  | **x** |
| Private Study | **x** | **x** |  | **x** | **x** | **x** | **x** | **x** | **x** | **x** |
| **Assessment method** |  |  |  |  |  |  |  |  |  |  |
| Detailed Project report |  | **x** | **x** | **x** | **x** | **x** | **x** |  | **x** | **x** |
| Oral presentation | **x** |  | **x** | **x** | **x** |  | **x** | **x** |  | **x** |

1. **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

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

Blended distance learning – delivered from Medway and Canterbury campus

1. **Internationalisation**

International vocation is an important part of Applied Bioscience. The intended learning outcomes 8.2, and 8.5, for this module cover key concepts needed in Applied Bioscience worldwide. Furthermore, learning outcomes 8.3 and 8.4, are key universal techniques used in the pharmaceutical R&D industry worldwide.

**DIVISIONAL USE ONLY**

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

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| --- | --- | --- | --- | --- |
| Date approved | Major/minor revision | Start date of delivery of revised version | Section revised | Impacts PLOs (Q6&7 cover sheet) |
| 05/10/20 | Minor | Sep 20 | 13 | No |
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