**SECTION 1: MODULE SPECIFICATIONS**

1. Title of the module

**WORK1015 Sandwich Year Assessment**

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

**Medway School of Pharmacy**

1. Start date of the module

**October 2016**

1. The number of students expected to take the module

**30 students**

1. Modules to be withdrawn on the introduction of this proposed module and consultation with other relevant Schools and Faculties regarding the withdrawal

**None**

1. The level of the module (e.g. Certificate [C], Intermediate [I], Honours [H] or Postgraduate [M])

**I**

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

**120 credits (60)**

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

**Terms 1, 2 and 3**

1. Prerequisite and co-requisite modules

**Pharmacokinetics**

**Cardiovascular Respiratory and Renal Pharmacology**

**Immunopharmacology and Microbiology**

**Endocrine and Gastrointestinal Pharmacology**

**Research Methods in Pharmacology**

**Neuropharmacology**

1. The programmes of study to which the module contributes

**BSc (Hons) in Physiology and Pharmacology**

1. The intended subject specific learning outcomes

On successful completion of this module, students will have demonstrated:

1. **Have an understanding of how to design and execute an experiment and how to record their data (POA1, POA2, POA3, POA4, POA4, POA5, POB1, POB2, POB3, POB4, POB5, POB6, POC1, POC2, POC3, POC4, POC5, POD1, POD2, POD3, POD4).**
2. **Have enhanced their laboratory skill set (POA1, POA2, POA3, POA4, POA4, POA5, POB1, POB2, POB3, POB4, POB5, POB6, POC1, POC2, POC3, POC4, POC5, POD1, POD2, POD3, POD4)..**
3. **Develop their ability to problem solve in the context of pharmacology and drug discovery (POA5, POB4, POB5, POB6, POD1).**
4. **Develop an awareness of safety and good laboratory practice (POB5, POC1, POD1)**
5. The intended generic learning outcomes
6. **The development of practical laboratory based skills (POB1-5, POC1-6)**
7. **An ability to analyse, evaluate and correctly interpret data (POB1-5)**
8. **An ability to present and communicate data (POD2, POD3, POD4)**
9. **An ability to obtain and use information from a variety of sources as part of self-directed learning (POD1-6)**
10. **Time-management and organisational skills within the context of self-directed learning (POD1-6)**
11. A synopsis of the curriculum

**Research undertaken in an industrial laboratory setting. The placement will normally begin following the second year. During their placement, students will have the opportunity to put into practice skills they have acquired during their first two years of the programme, as well as acquire new skills that would enhance their future employability.**

1. Indicative Reading List

**Literature directly relevant to the project.**

1. Learning and Teaching Methods, including the nature and number of contact hours and the total study hours which will be expected of students, and how these relate to achievement of the intended module learning outcomes

**Summary of Learning and Teaching Activities**

Students who elect to undertake a sandwich year placement will gain the valuable experience of working in an industrial research laboratory in a pharmaceutical or drug discovery company. Students will be able to directly apply the skills and expertise they have acquired in the first two years of the programme in a working research environment. The students will also be able to acquire new skills and gain a greater appreciation of laboratory research and drug discovery.

1. Assessment methods and how these relate to testing achievement of the intended module learning outcomes

|  |  |  |  |
| --- | --- | --- | --- |
| **Method of assessment** | **Learning outcomes assessed (POs & SSLOs)** | **Weighting** | **Outline details** |
| **Continuous**  **assessment** | **All subject specific learning outcomes (SSLOs)**  **All generic learning outcomes** | **30%** | **Placement supervisor’s rating of the student performance** |
| **Continuous**  **assessment** | **All subject specific learning outcomes (SSLOs)**  **All generic learning outcomes** | **20%** | **An oral presentation and abstract** |
| ***viva voce***  **examination**  **Written report** | **All subject specific learning outcomes (SSLOs)**  **All generic learning outcomes** | **50%** | **Written report and *viva voce* marked and conducted by the academic staff members** |

**The pass mark for this module is 40%.**

1. Implications for learning resources, including staff, library, IT and space

**No additional resources will be required for this module.**

1. The School recognises and has embedded the expectations of current disability equality legislation, and supports students with a declared disability or special educational need in its teaching. Within this module we will make reasonable adjustments wherever necessary, including additional or substitute materials, teaching modes or assessment methods for students who have declared and discussed their learning support needs. Arrangements for students with declared disabilities will be made on an individual basis, in consultation with the University’s/Collaborative Partner’s (delete as applicable) disability/dyslexia support service, and specialist support will be provided where needed.
2. Campus(es) where module will be delivered:

**Industrial laboratory**

1. Partner College/Validated Institution:
2. University School responsible for the programme: **Medway School of Pharmacy**

**SECTION 2: MODULE IS PART OF A PROGRAMME OF STUDY IN A UNIVERSITY SCHOOL**

**Statement by the School Director of Learning and Teaching/School Director of Graduate Studies (as appropriate):** "I confirm I have been consulted on the above module proposal and have given advice on the correct procedures and required content of module proposals"

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| --- | --- |
| ................................................................  Director of Learning and Teaching  Dr Buge Apampa | ..............................................  Date |

**Statement by the Head of School:** "I confirm that the School has approved the introduction of the module and, where the module is proposed by School staff, will be responsible for its resourcing"

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| --- | --- |
| .................................................................  Head of School  Prof I Cumming. | ..............................................  Date |

**SECTION 3: MODULE IS PART OF A PROGRAMME IN A PARTNER COLLEGE OR VALIDATED INSTITUTION**

(Where the module is proposed by a Partner College/Validated Institution)

**Statement by the Nominated Officer of the College/Validated Institution** *(delete as applicable)***:** "I confirm that the College/Validated Institution*(delete as applicable)* has approved the introduction of the module and will be responsible for its resourcing"

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| .................................................................  Nominated Responsible Officer of Partner College/Validated Institution  ………………………………………………….  Print Name  …………………………………………………..  Post | ..............................................  Date |

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Partner College/Validated Institution

Module Specification Template  
Last updated February 2013