**SECTION 1: MODULE SPECIFICATIONS**

1. Title of the module

**Pharmacology Physiology Project (PHAR1044)**

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 Modules to be withdrawn on the introduction of this proposed module and consultation with other relevant Schools and Faculties regarding the withdrawal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

**H**

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

**30 credits (15)**

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

**Terms 1 and 2**

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 (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 a laboratory setting**
* **Writing up of results**
* **Production of a final year written report**

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**

**Early in the autumn term, projects are assigned to students by the module convenor in consideration of the student’s choice. Students then meet individually or in small groups with the project supervisor to discuss the project and the principal objectives. Students will then write a brief literature review for the project.**

**The principal laboratory activities will take place in the Spring term. Students will spend 192 hours (24 hours per week for 8 weeks) in the laboratory. A further 108 hours are allowed for literature reading and writing the final year report. There will be informal opportunities to discuss the project and relevant literature with the supervisor. Formal meetings may be arranged at the discretion of the supervisor and the student.**

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

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| --- | --- | --- | --- |
| **Method of assessment** | **Learning outcomes assessed (POs & SSLOs)** | **Weighting** | **Outline details** |
| **Continuous**  **assessment** | **All subject specific learning outcomes (SSLOs)**  **All generic learning outcomes** | **30%** | **Supervisor’s rating of the student performance** |
| **Written report** | **All subject specific learning outcomes (SSLOs)**  **All generic learning outcomes** | **60%** | **Written Report** |
| ***viva voce***  **examination** | **All subject specific learning outcomes (SSLOs)**  **All generic learning outcomes** | **10%** | ***Viva* examination conducted by a member of academic staff** |

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

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

**Additional laboratory 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:

**Medway School of Pharmacy, Medway Campus,**

Partner College/Validated Institution:

1. 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