1. **Title of the module**

PHAM1096 - Sustained Research Project (SRP)

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

Medway School of Pharmacy

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

Level 7

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

40 credits (20 ECTS)

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

Autumn and Spring

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

Prerequisites:

A successful completion of all the modules from Stage 1, 2 and 3 (level 4, 5 and 6) of the MPharm programme

Co-requisite:

PHAM1125 - Preparing for Practice

One of the following Advanced Science Electives:

* PHAM1086 - Advanced Cell and Molecular Biology
* PHAM1087 - Advanced Neuroscience
* PHAM1089 - Advanced Therapeutic Agents
* PHAM1090 - Advanced Drug Delivery Technologies
1. **The programmes of study to which the module contributes**

MPharm (Master of Pharmacy)

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

Demonstrate:

1. A comprehensive understanding, knowledge and critical awareness of current problems and new insights associated with research in Pharmacy in the area of either Biological Sciences, Chemistry and Drug Delivery or Clinical and Professional Practice

2. Self-direction, originality and professionalism in all aspects of problem-solving, self-directed learning and project (either laboratory-based, or practice-based) process management and execution

3. A comprehensive understanding of methodologies and techniques applicable to a selected research area by critically reviewing relevant original publications

4. An ability to critically evaluate research data, demonstrating high-level analytical skills and the ability to effectively communicate their conclusions to specialist and non-specialist audiences

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

Demonstrate:

1. An ability to critically appraise and execute experimental strategies adhering to the ethical and governance principles of good research practice

2. Advanced problem solving skills relating to experimental data handling

3. The ability to plan and formulate accurate and concise communications to discuss, disseminate and defend research using a range of media

4. Advanced numeric and statistical skills to inform the analysis and interpretation of original research data, as appropriate to the study design

5. A comprehensive range of study skills to support self-directed learning

1. **A synopsis of the curriculum**

SRPs can be selected from one of the three research strands below:

* Clinical and Professional Practice (CPP)
* Chemistry and Drug Delivery (CDD)
* Biological Sciences (BS)

The aim of this module is to provide students with an opportunity to undertake a Master’s level research project. This module will integrate cognitive abilities, practical and transferable skills acquired during Stage 1, 2 and 3 of the programme into a Master’s level extended research project.

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

Students will be directed as appropriate to primary literature and reviews available from journal collections in Kent or Greenwich and from performing online literature searches using PubMed and other related search tools.

1. **Learning and teaching methods**

Total contact hours: 282

Private study hours: 118

Total study hours: 400

1. **Assessment methods**
	1. Main assessment methods
2. Research Project
3. Written Thesis (80% of module mark)
4. Poster assessment (20% of module mark)
5. Contribution to the project (Pass/ Fail) \*

The pass mark for this module is 50% overall.

\* Successful contribution to the project

13.2 Reassessment methods

Like for like

1. ***Map of module learning outcomes (sections 8 & 9) to learning and teaching methods (section12) and methods of assessment (section 13)***

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Module learning outcome** | *8.1* | *8.2* | *8.3* | *8.4* | *9.1* | *9.2* | *9.3* | *9.4* | 9.5 |
| **Learning/ teaching method** |  |  |  |  |  |  |  |  |  |
| *Private Study* | x | x | x | x | x | x | x | x | x |
| *Small group supervisory sessions/research seminars* | x | x | x | x | x | x | x | x | x |
| **Assessment method** |  |  |  |  |  |  |  |  |  |
| *Thesis* | x | x | x | x | x | x | x | x | x |
| *Poster* | x | x | x | x | x | x | x | x | x |
| *Contribution to the project* | x | x | x | x | x | x | x | x | x |

1. **Inclusive module design**

The School 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**

Medway

1. **Internationalisation**

The staff involved in teaching this module have had substantial training abroad and this will further the international nature of the delivery of this module.

One of the goals of the MPharm degree programme is to produce graduates who will eventually become registered pharmacists in the United Kingdom. However, many of our MPharm graduates have become successful pharmacists in the Republic of Ireland, Canada and other nations.

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**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 the delivery of revised version | Section revised | Impacts PLOs (Q6&7 cover sheet) |
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Revised FSO Jan 2018