

## PharmaTrain Manual, Appendix 12.3

One example of an Integrated MSc programme in Drug Development Science

### PURPOSE

- The purpose of having an integrated programme is that it gives the provider and the students more flexibility in how they deliver and acquire the knowledge, skills and competencies contained within the curriculum.
- Having such courses available gives potential students the opportunity to select a course that meets their current work needs and their professional aspirations.

### BASIC PRINCIPLES

- The basic principles of the course are that it should adhere to the principles of PharmaTrain in terms of what is covered and quality.
- All the items within the syllabus must be covered. The fundamental difference is that they may not all be covered in same modules as in the other models of delivering the PharmaTrain syllabus.
- This inevitably means that the learning outcomes will again not match the pattern of the more standard courses and so the provider will have to ensure that these are all covered at some point during the course.
- The quality systems must be of the same standard.

### EXAMPLE – CORE MODULES

- Drug Discovery and Development
- Pre Clinical Sciences
- Exploratory Drug Development
- Clinical Drug Development
- Drug Regulatory Affairs
- Dissertation

### EXAMPLE - OPTIONAL MODULES

- Advanced Clinical Pharmacology
- Biological and Advanced Therapies
- Pharmacoeconomics
- Drug Development Statistics and Data Management

- Drug Safety and Ethics
- Healthcare Marketplace
- Drug Development Pharmacology
- ADME
- Practical Clinical Pharmacology

#### MODULE FORMAT

- Each module has an amount of pre course study that should take about 30 hours to complete. There is time on campus for either 4 or five days and an exam (30 MCQs) and between 1 and 3 assignments. The assignments are designed to take around 30 hours each.
- For the full Masters degree students also have to do a dissertation/thesis.