University of Hertfordshire UH | HOSTED BY Global Academic Foundation

School of Er

Module Specifications

Year/Level: Year 3/ Level 6

Module:	Project	**Module Code:**	6FHH2000

Module Description:

This module will cover reviewing literature, appropriate research design, ethics, data analysis includi
Students will be supported through lectures, workshops (including statistical training), tutorials, one t
assessments including a literature review, journal club presentati

Year/Level: Year 3/ Level 6

Module:	Pharmaceutical Industry Practice	**Module Code:**	6FHH2001

Module Description:

This module examines the practical environment and constraints in which pharmaceutical product
introduction to regulatory affairs concepts. Current economic models will be discussed including biote
intellectual property constraints on product development will be considered. Finally, students will prepa
project management; team profiling and team work; business planning a

Year/Level: Year 3/ Level 6

Module:	d and Integrated Pharmacological S	**Module Code:**	6FHH2019

Module Description:

This module focuses on how clinical research and basic research impact each other particularly in p
clinical trial design, safety testing and toxicology and pharmacogenomics will be related to the te
pharmacovigilance. Ethical questions arising from clinical trials design will be addressed. The influence
also be highlighted. Students will apply problem-based learning approaches to interp

Year/Level: Year 3/ Level 6

Module:	Topics in Medicine Design	**Module Code:**	6FHH2003

Module Description:

This module option examines the processes and steps involved in the design of synthetic pathways for p
the application of protecting groups in multistep synthesis; asymmetric synthesis, chemical approach
carbocyclic and heterocyclic compounds; and retrosynthetic analysis. The application of the principles
of synthetic examples of drugs used in different therapeutic classes. Different formulation strateg
applications of the synthesised drugs will be exami

Year/Level: Year 3/ Level 6

Module:	Advances in Pharmaceutical Formu	**Module Code:**	6FHH2004

Module Description:

This module provides students with a comprehensive and critical understanding of current and emerg
novel drug delivery systems. Critical understanding of existing testing techniques and its bio-relevance
evaluate performance of novel drug delivery system will be covered. The module will also explore pre-
approaches and the role of chronopharmaceutics in medicines

ıgineering & Computer Sciences

Credits:	60

Mandatory

ng statistical analysis and preparation of the research report. to one sessions with their supervisor and a range of formative on and draft dissertation.

Credits:	15

Mandatory

ts are developed and marketed. The module will include an ch, innovator, generic pharma and the impact of regulatory and are for multidisciplinary project-based working through study of and pitching; presentation skills.

Credits:	15

Mandatory

harmaceutical development. An advanced understanding of sting of medicines in human clinical trials and the area of e of regulatory requirements on the pharmaceutical industry will ret data from preclinical and clinical studies.

Credits:	30

Optional

pharmaceuticals. The module will provide a brief introduction in
ies to stereoselective synthesis; strategies for the synthesis of
and concepts outlined above will be illustrated by examination
ies for the synthesised drugs will be reviewed. The clinical
ned briefly.

Credits:	30

Optional

ing research trends in the development and application of the
and evolution of novel in vitro and in vivo testing techniques to
formulation strategies employed to enable formulation. Novel
design will be covered.