

Programme Regulations: 2023/24

Programme Title: Degree of Master of Science in Drug Chemistry
Code: 5099F/P

Notes:

- (i) *These programme regulations should be read in conjunction with the University's Masters Progress Regulations and Examination Conventions.*
- (ii) *Unless otherwise stated under 'Type', modules are not core.*
- (iii) *All optional modules are offered subject to the constraints of the timetable and to any restrictions on the number of students who may be taught on a particular module. Not all modules may be offered in all years and they are listed subject to availability.*
- (iv) *A compulsory module is a module which a student must take.*
- (v) *All modules are delivered in Linear mode unless stated otherwise as Block, eLearning or distance learning.*

1. Programme structure

- (a) The programme is available for study in both full-time and part-time modes.
- (b) The period of study for full-time mode shall be one year starting in September. The maximum period of study for part-time mode shall normally be 2 years starting in September.
- (c) NES8002 Research Dissertation Project (55 credits – Semester 3) will begin once suitable training has been received and appropriate modules completed.
- (d) The programme comprises modules to a credit value of 180.
- (e) All candidates shall take the following compulsory modules:

Code	Descriptive title	Total Credits	Credits S1	Credits S2	Credits S3	Level	Mode
NES8002	Research Dissertation Project	60		5	55	7	
NES8800	Research Skills and Development	20		20		7	
NES8801	Modern Methods in Drug Discovery	20	20			7	
NES8802	Drug Metabolism and Toxicology	10	10			7	
NES8803	Theory and Practice of Chemotherapy	20		20		7	
NES8804	Proteins as Drug Targets: structure, function, and molecular modelling	10	10			7	
NES8805	Bioactive Natural Products	10		10		7	
NES8809	Biopharmaceuticals as Therapeutics	10		10		7	

- (f) Candidates will normally take the following 20 credit module:

Code	Descriptive title	Total Credits	Credits S1	Credits S2	Credits S3	Level	Mode
NES8808	Synthetic Methodology for Drugs	20	20			7	

- (g) After consultation with the Degree Programme Director, candidates with a very strong background in Organic Chemistry may replace (f) by taking the following modules:

<i>Code</i>	<i>Descriptive title</i>	<i>Total Credits</i>	<i>Credits S1</i>	<i>Credits S2</i>	<i>Credits S3</i>	<i>Level</i>	<i>Mode</i>
NES8806	Selectivity and Stereocontrol in Organic Synthesis	10	10			7	
NES8807	Pericyclic and radical reactions	10	10			7	

2. Assessment methods

Details of the assessment pattern for each module are explained in the module outline.