Template C4

Kingston University London

Programme Specification

Title of Course: *BSc (Hons) Pharmaceutical and Chemical Sciences*

Date first produced	30/04/2008
Date last revised	30/06/2019
Date of implementation of current version	
Version number	4
Faculty	Faculty of Health, Science, Social Care & Education
School	School of Life Sciences, Pharmacy and Chemistry
Department	Department of Chemical and Pharmaceutical Sciences
Delivery Institution	Kingston University

This Programme Specification is designed for prospective students, current students, academic staff and employers. It provides a concise summary of the main features of the programme and the intended learning outcomes that a typical student might reasonably be expected to achieve and demonstrate if they take full advantage of the learning opportunities that are provided. More detailed information on the learning outcomes and content of each modules can be found in the course VLE site and in individual Module Descriptors.

SECTION 1: GENERAL INFORMATION

Award(s) and Title(s): ***Up to 10 pathways***	BSc (Hons) Pharmaceutical and Chemical Sciences
Intermediate Awards(s) and Title(s): ***There are 4 Intermediate awards for each pathway***	None
Course Code ***For each pathway and mode of delivery***	UFPCT1PCT01
UCAS code ***For each pathway***	F190

RQF Level for the Final Award:	6
Awarding Institution:	Kingston University
Teaching Institution:	Kingston University
Location:	Penrhyn Road, Kingston University
Language of Delivery:	English
Modes of Delivery:	Full-time
Available as:	
Minimum period of registration:	Full-time - 3
Maximum period of registration:	Full-time - 6
Entry Requirements:	The minimum entry qualifications for the programme are: Pass in Foundation Degree in Pharmaceutical and Chemical Sciences
Programme Accredited by:	
QAA Subject Benchmark Statements:	Foundation Degree Qualification Benchmark
Approved Variants:	None
Is this Higher or Degree Apprenticeship course?	

For Higher or Degree Apprenticeship proposals only

Higher or Degree Apprenticeship standard:	
Recruitment, Selection and Admission process:	
End Point Assessment Organisation(s):	

SECTION 2: THE COURSE

A. Aims of the Course

The main aims of the BSc (Honours) degree (in addition to those of the Foundation Degree) are:

- to provide students with an in-depth understanding of topics relevant to pharmaceutical and chemical sciences
- to provide all students with the opportunities to develop their skills in searching for literature sources relating to specific areas of academic research.
- to develop critical thinking and problem solving through project work.
- to develop advanced practical skills related to specific subject areas
- to provide the students with the opportunities to develop their written and oral communications skills in order to be able to get across complex and detailed information to both specialist and non-specialist audiences.

B. Intended Learning Outcomes

The programme provides opportunities for students to develop and demonstrate knowledge, understanding and skills and other attributes in the following areas. On completion of the BSc(Honours) degree students will, in addition to the learning outcomes gained through the foundation degree programme, have gained an in depth knowledge and understanding of:

The programme learning outcomes are the high-level learning outcomes that will have been achieved by all students receiving this award. They must align to the levels set out in the 'Sector Recognised Standards in England' (OFS 2022).

Programme Learning Outcomes					
	Knowledge and Understanding On completion of the course students will be able to:		**Intellectual Skills** On completion of the course students will be able to		**Subject Practical Skills** On completion of the course students will be able to
A4	Advanced analytical science	B3	plan, conduct and report on an independent project	C7	Drug synthesis and spectroscopic characterization
A2	Drug development	B2	solve complex problems	C6	Design and carry out experiments to measure and subsequently interpret data
A1	Research methodology required for a project or dissertation and:	B1	Locate, critically analyse and appraise both primary and secondary sources of information	C5	undertake a laboratory based research project or dissertation
A3	Topics in pharmaceutical sciences	B4	assemble data from a variety of sources, discern and establish connections and report in an appropriate manner	C4	understand relevant development and manufacturing processes
				C3	understand the meaning of, and work effectively, to Good Laboratory and Manufacturing Practice
				C2	characterize active and inactive components of medicines
				C1	Carry out subject related practical work and understand and implement relevant safety requirements

In addition to the programme learning outcomes, the programme of study defined in this programme specification will allow students to develop the following range of Graduate Attributes:

1. Creative Problem Solving
2. Digital Competency
3. Enterprise
4. Questioning Mindset
5. Adaptability
6. Empathy
7. Collaboration
8. Resilience
9. Self-Awareness

C. Outline Programme Structure

This programme is offered in full-time mode, and leads to the award of BSc (honours) in Pharmaceutical and Chemical Sciences. Entry is normally at level 6 with a pass in Foundation Degree in Pharmaceutical and Chemical Sciences.

E1. Outline Programme Structure

Each level is made up of four modules each worth 30 credit points. Typically a student must complete 120 credits at each level. All students will be provided with the University regulations and specific additions that are sometimes required for accreditation by outside bodies (e.g. professional or statutory bodies that confer professional accreditation). Full details of each module will be provided in module descriptors and student module guides.

BSc (Hons) Pharmaceutical and Chemical Sciences

Level 6							
BSc (Hons) Pharmaceutical and Chemical Sciences							
Core modules	**Module code**	**Credit Value**	**Level**	**Teaching Block**	**Pre-requisites**	**Full Time**	**Part Time**
Advanced Analytical Science	CH6007	30	6	1&2			
Drug Development	CH6008	30	6	1&2			
Project	CH6004	30	6	1&2			
Topics in Pharmaceutical Science	CH6009	30	6	1&2			
Optional Modules							

D. Principles of Teaching, Learning and Assessment

E. Support for Students and their Learning

All BSc students will be supported in their study, taking into account the KU Curriculum Design Principles. The course utilises a wide range of teaching and learning methods that will enable all students be actively engaged throughout the course. A variety of teaching will be used to engage students in their learning, from lectures to workshops. Group work will be actively promoted, to help in peer learning. Practical sessions will help to implement theory taught in lectures. The workshops will allow for more one-on-one teaching between staff and students. Blended learning will again engage students and help identify areas for further study. A range of assessment methods will be used that enable students to demonstrate the acquisition of knowledge and skills. Methods include course work, oral presentations, in-class tests, MCQs, examinations, laboratory reports and poster presentations. The assessment regime will again be tailored to suit the learning outcomes of the modules. Both formative and summative assessment will be used.
The following highlights specific areas aimed to aid students in their learning:

- A Module Leader for each module
- A Course Leader to help students understand the programme structure
- Personal Tutors to provide academic and personal support
- Technical support to advise students on IT and the use of software
- A designated programme administrator
- An induction week at the beginning of each new academic session
- Canvas – a versatile on-line interactive intranet an learning environment
- A substantial Study Skills Centre that provides academic skills support
- Student support facilities that provide advice on issues such as finance, regulations, legal
- matters, accommodation, international student support etc.
- Disabled student support
- The Students' Union
- Careers and Employability Service and Student Life Centre

F. Ensuring and Enhancing the Quality of the Course

The University has several methods for evaluating and improving the quality and standards of its provision. These include:

- Staff Student Consultative Committee
- External examiners
- Boards of study with student representation
- Annual review and development
- Periodic review undertaken at the subject level
- Student evaluation
- Moderation policies

G. Employability and work-based learning

The BSc in Pharmaceutical and Chemical Sciences is specifically designed with employability in mind. Students have had time set aside to engage in work-based placements during their first two years of study. There is no emphasis on the nature of the work itself, but rather on all aspects associated with work, such a time-keeping and professionalism. Students were aided in finding work both in and out of the course by a Level 4 module, Academic and Professional Skills Portfolio. Here, all students were

aided in their development of and the continuous amendment of their CV, writing cover letters and identifying areas for employment. Students are continuously aided by the Careers and Employability department.

Work-based learning, including sandwich courses and higher or degree apprenticeships

H. Other sources of information that you may wish to consult

General Pharmaceutical Council
www.pharmacyregulation.org

Royal Pharmaceutical Society
www.rpharms.com/

Kingston University School of Pharmacy and Chemistry
http://sec.kingston.ac.uk/about-SEC/schools/pharmacy-and-chemistry/

I. Development of Course Learning Outcomes in Modules

This table maps where course learning outcomes are **summatively** assessed across the modules for this course. It provides an aid to academic staff in understanding how individual modules contribute to the course aims, a means to help students monitor their own learning, personal and professional development as the course progresses and a checklist for quality assurance purposes.

Module Code		**Level 6**			
		CH6009	**CH6008**	**CH6004**	**CH6007**
Knowledge & Understanding	A4	S			
	A2				S
	A1			S	
	A3		S		
Intellectual Skills	B3				
	B2	S	S	S	S
	B1	S	S	S	S
	B4	S		S	
Practical Skills	C7		S		
	C6				
	C5	S	S		
	C4		S		S

	C3	S			
	C2	S	S		S
	C1	S	S	S	S

Students will be provided with formative assessment opportunities throughout the course to practise and develop their proficiency in the range of assessment methods utilised.