

Variation to the Course Information Document

For Academic Year 2020/21

Name of programme(s) and award type(s): <i>(such as Single Honours History with International Year)</i>	Single Honours BSc Pharmaceutical Science, Technology & Business
---	---

Dear students,

As part of our commitment to continually work to improve our programmes, and in light of our plans to start next academic year with a hybrid delivery model due to the impact of Covid-19, we are confirming in this document the changes to your programme in the Academic Year 2020/21. More general information about what studying at the University will be like in 2020/21 can be found here:

<https://www.keele.ac.uk/coronavirus/operations/>

Specific planned changes

How the programme will be taught <i>(include any significant changes to the balance between on campus and digital delivery and what students can expect)</i>	<p>Teaching sessions will adopt a blended approach; comprised of synchronous and asynchronous learning activities. These will vary in their exact mode of delivery and interaction between different academics.</p> <p>There will be online alternatives for teaching sessions. Therefore, even if teaching can take place on campus online versions will be available in the event that individuals are not able, for any reason, to attend sessions on campus.</p> <p>Any such changes to curriculum delivery will continue to meet course ILOs.</p>
Changes to placements, field courses or other practical activities <i>(where applicable)</i>	<p>As mentioned above the aim of adjustments is to provide online alternatives for all teaching sessions, for whatever reason. Therefore, even if teaching can take place on campus online versions will be available in the event that individuals are not able, for any reason, to attend sessions on campus.</p> <p>Where social distancing cannot be maintained in specific lab classes these sessions will either be replaced with online resources, or suitable alternatives, or run with reduced numbers of students to ensure appropriate distancing (which means that the number of sessions might be curtailed due to working in smaller sub-groups). In all cases alternative provisions will ensure that appropriate learning outcomes are met in all cases.</p> <p>The School of Pharmacy and Bioengineering organises a careers fair every year in Keele Hall. As this is organised for the BSc PSTB programme and the MPharm programme we will work with the MPharm programme and the providers to ensure suitable distancing</p>

	<p>is observed. As our response to this will, in part, depend on what the providers aim to deliver for this session (which might include online provision) we will aim to work with the providers and the university to provide a suitable and appropriate forum. This also applies to other activities such as the debate seminar in module PHA-30021. For external site visits advice on the exact nature of the visits will be agreed with the external providers and will take timely account of government advice.</p> <p>The Synoptic Assessment in PHA-20014 will be run via an online resource if campus-based delivery is not available – for example, MS Teams groups and channels will be formed for appropriate teamwork. The same approach will also apply to workshops or problem classes and, where appropriate, will map onto similar activities elsewhere within the School to ensure consistency (e.g. CBA and dispensing classes and assessments).</p>
<p>Learning resources and any potential additional costs <i>(such as equipment requirements)</i></p>	<p>The provision of eResources will be required if teaching is delivered predominately online.</p> <p>Given an increasing level of online teaching and assessments for this programme, it would be preferable if students had access to computer equipment with a webcam and microphone. It may also be preferable for students to have adequate Wi-Fi connectivity and associated internet speeds. Students who need support in accessing appropriate IT equipment may be eligible to apply for support from the University's hardship fund.</p>
<p>How the programme will be assessed <i>(a general summary of changes to assessment methods)</i></p>	<p>The assessments will generally not change unless we have to deliver the majority of the programme online. The strategy for changes is outlined above. In this context the main changes will be:</p> <ul style="list-style-type: none"> - The introduction of “small-scale” assessments of not more than 10% of the total mark of a module, which will be introduced to suitable modules (detailed below). These assessments will vary depending on the exact needs of each module and will be incorporated into the exam component of each module. - Examinations will be conducted online via the KLE, using the same general approach as adopted in Semester 2. - Group work will be conducted via group channels in MS Teams if campus-based teaching is not possible.
<p>How students are supported <i>(any alternative arrangements such as communication methods, support networks etc.)</i></p>	<p>Students will be supported by the approach agreed across the School of Pharmacy and Bioengineering, which involves regular updates and a more detailed plan of upcoming teaching sessions.</p> <p>This is supported by established systems, notably the personal academic tutor system where a more regular (ideally weekly but as an when the student requires meetings) update will take place; this is particularly relevant if students are unable to meet their tutors on campus.</p> <p>We would also aspire to support students who might have a lack of access to IT facilities by working with IT colleagues to see if students can be provided with equipment if required.</p>

Updated module lists for 2020/21

Year 1 / Level 4

Compulsory modules	Module Code	Credits	Semester	Added/removed/unchanged?
Introduction to Pharmaceutical Science Laboratory Studies	PHA-10020	30	1-2	No specific changes are currently planned for this module
Introduction to Pharmaceutical Science 1	PHA-10022	30	1	The exam will remain as a 60% weighting. Small-stakes assessments will be introduced to this component and will comprise no more than 10% of the overall module mark. The weightings of all components remain unchanged.
Introduction to Pharmaceutical Science 2	PHA-10024	30	2	The exam will remain as a 60% weighting. Small-stakes assessments will be introduced to this component and will comprise no more than 10% of the overall module mark. The weightings of all components remain unchanged.
Optional modules	Module Code	Credits	Semester	
A range of optional modules are provided by The Language Centre and The Keele Business School. They are listed below.				
Keele Language Centre modules:				
Language Centre modules: British Sign Language 1 & 2 Chinese 1/2/3/4/5/6 French 1/2/3/4/5/6/7/8/9/10 German 1/2/3/4/5/6/7/8/9/10 Japanese 1/2/3/4/5/6 Russian 1/2/3/4/5/6 Spanish 1/2/3/4/5/6/7/8/9/10	BSL-90001, CHI-90001/3/5, FRE-90001/3/5/7/9, GER-90001/3/5/7/9, JAP-90001/3/5, RUS-90001/3/5, SPN-90001/3/5/7/9	15 credits each	1	
	BSL-90002, CHI-90002/4/6, FRE-90002/4/6/8/10, GER- 90002/4/6/8/10, JAP-90002/4/6, RUS-90002/4/6 SPN-90002/4/6/8/10	15 credits each	2	
Keele Business School modules:				
Marketing Principles	MAN-10019		1	

Global Business Environment	MAN-10022	15 credits each	1	
Introduction to International Business	MAN-10023		2	
Multinational Enterprise Business Perspectives	MAN-10026		2	

Year 2 / Level 5 (2019/20 entry cohort)

Compulsory modules	Module Code	Credits	Semester	Added/removed/unchanged?
Pharmaceutical Analysis and Quality Control	PHA-20014	30	1 – 2	<p>The overview is that the microbiology practical has moved from PHA-20016 to PHA-20014 for both Covid-19 and subject alignment reasons.</p> <p>This means that:</p> <ul style="list-style-type: none"> - The lab assessment now contains the HPLC practical and the microbiology practical. The weighting is now changed from 20% to 30% - The synoptic assessment was weighted at 30% and will now be weighted at 20% - The exam will remain as a 50% weighting. Small-stakes assessments will be introduced to this component and will comprise no more than 10% of the overall module mark.
Applied Pharmaceutical Science 1	PHA-20016	30	1	<p>The lab assessment will now consist of an extended pharmaceuticals report (currently this is the “creams and ointments” report) <i>only</i>.</p> <p>The microbiology assessment will be removed from the practical assessment, moving to module PHA-20014. The practical assessment will now consist of the pharmacology CAL workshop and two drug kinetics online tests. The practical assessment will now be assessed entirely online.</p> <p>The exam will remain as a 50% weighting. Small-stakes assessments will be introduced</p>

				to this component and will comprise no more than 10% of the overall module mark. The weightings of all components remain unchanged.
Applied Pharmaceutical Science 2	PHA-20018	30	2	No changes to the lab and practical assessments. The exam will remain as a 50% weighting. Small-stakes assessments will be introduced to this component and will comprise no more than 10% of the overall module mark. The weightings of all components remain unchanged.
Optional modules	Module Code	Credits	Semester	
A range of optional modules are provided by The Language Centre and The Keele Business School. They are listed below				
Keele Language Centre modules:				
Language Centre modules: British Sign Language 1 & 2 Chinese 1/2/3/4/5/6 French 1/2/3/4/5/6/7/8/9/10 German 1/2/3/4/5/6/7/8/9/10 Japanese 1/2/3/4/5/6 Russian 1/2/3/4/5/6 Spanish 1/2/3/4/5/6/7/8/9/10	BSL-90001, CHI-90001/3/5, FRE- 90001/3/5/7/9, GER- 90001/3/5/7/9, JAP-90001/3/5, RUS-90001/3/5, SPN- 90001/3/5/7/9	15 credits each	1	
	BSL-90002, CHI-90002/4/6, FRE- 90002/4/6/8/10, GER- 90002/4/6/8/10, JAP-90002/4/6, RUS-90002/4/6 SPN- 90002/4/6/8/10	15 credits each	2	
Keele Business School modules:				
Global Business Environment	MAN-20055	15 credits each	1	
Operations and Quality Management	MAN-20053		2	

Year 3 / Level 6 (2018/19 entry cohort)

Compulsory modules	Module Code	Credits	Semester	Added/removed/unchanged?
The Pharmaceutical Industry at the Cutting Edge	PHA-30021	30	1-2	No specific changes are planned to the assessments in this module.
Advanced Topics In Pharmaceutical Science	PHA-30023	30	1-2	No changes to the coursework component. The exam will remain as a 50% weighting. Small-stakes assessments will be introduced to this component and will comprise no more than 6% of the overall module mark. The weightings of all components remain unchanged.
Pharmaceutical Science Research Project	PHA-30025	30	1-2	All projects that require student participation on campus or on a hospital site or some other placement site, must also have an online equivalent version or an alternative project on the same core theme that would allow the student to complete the full project while working remotely. Low stakes summative assessments will also be introduced to support remote student engagement and ensure students receive sufficient support and feedback from their project supervisors at set milestones.
A range of optional modules are provided by The Language Centre and The School of Pharmacy and Bioengineering. They are listed below.				
Optional modules	Module Code	Credits	Semester	
The School of Pharmacy and Bioengineering modules:				
Current Developments in Pharmaceutical Science	PHA-30019	30	1-2	No changes are proposed to the range of option topics available. Online alternatives will replace physically present teaching sessions and assessments where necessary.

Current Developments in Pharmaceutical Science 2	PHA-30017	15	1-2	No changes are proposed to the range of option topics available. Online alternatives will replace physically present teaching sessions and assessments where necessary.
Keele Language Centre modules:				
Language Centre modules: British Sign Language 1 &2 Chinese 1/2/3/4/5/6 French 1/2/3/4/5/6/7/8/9/10 German 1/2/3/4/5/6/7/8/9/10 Japanese 1/2/3/4/5/6 Russian 1/2/3/4/5/6 Spanish 1/2/3/4/5/6/7/8/9/10	BSL-90001, CHI-90001/3/5, FRE- 90001/3/5/7/9, GER- 90001/3/5/7/9, JAP-90001/3/5, RUS-90001/3/5, SPN- 90001/3/5/7/9	15 credits each	1	
	BSL-90002, CHI-90002/4/6, FRE- 90002/4/6/8/10, GER- 90002/4/6/8/10, JAP-90002/4/6, RUS-90002/4/6 SPN- 90002/4/6/8/10	15 credits each	2	

For further information on the content of modules currently offered, including the list of elective modules, please visit: <https://www.keele.ac.uk/recordsandexams/modulecatalogue/>

The module selection website can be accessed here: <https://www.keele.ac.uk/modules/>