

## Course Information Form

This Course Information Form provides the definitive record of the designated course

### Section A: General Course Information

<b>Course Title</b>	BSc (Hons) Pharmaceutical and Chemical Science; Pharmaceutical and Chemical Sciences (with Professional Practice Year), Pharmaceutical and Chemical Sciences (with Foundation Year)
<b>Final Award</b>	BSc (Hons)
<b>Route Code</b>	BSPCSAAF; BSPLFAAF; BSPLPAAF, BSPCSAAP, BSCSIAAF
<b>Intermediate Qualification(s)</b>	None

<b>Professional, Statutory or Regulatory Body (PSRB) accreditation or endorsement</b>	N/A
<b>HECoS code(s)</b>	100423
<b>UCAS Course Code</b>	B293

<b>Course Aims</b>	<p>This BSc course is designed to equip graduates with the necessary skills to function as professional scientists within the pharmaceutical industry. At the start of this course, students will receive a necessary common background in several areas relevant to Biomedical and Pharmaceutical Sciences. This foundation will be built upon in future years where the emphasis shifts to the chemical foundation of the discovery/invention of compounds for human and animal administration. These will range from medicinal chemistry and drug discovery, which are concerned with drug development, to pharmacology where the interaction of these molecules with biological systems is considered. They will also be exposed to the business aspects of these industries. In the final year more modern aspects such as systems biology, translational biology and pharmacogenetics will be introduced, meeting the current demands of the industry.</p>
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Upon successful completion of your course you should meet the appropriate learning outcomes for your award shown in the table below

	<b>Outcome</b>	<b>Award</b>
1	Demonstrate acquired coherent and detailed knowledge in various subjects related to drug development and discovery.	BSc Pharmaceutical and Chemical Sciences
2	Exhibit a conceptual understanding of Chemistry within the context of Pharmaceutical and Cosmetics development.	BSc Pharmaceutical and Chemical Sciences
3	Demonstrate an understanding of the application of pharmacological principles both in drug research and in a clinical setting.	BSc Pharmaceutical and Chemical Sciences

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**Course Learning  
Outcomes**



**Learning support**

Students are actively supported through their assessments both directly in subject specific areas by tutors, and by working with the Study Hub to provide targeted workshops to support academic skills development. The focal areas include an introduction to academic integrity, developing good academic practice, scientific writing, use of statistics, and communication of science to

Throughout course delivery workshops and tutorials are used to support the development of academic skills, alongside the learning and the assessment process. All in-course assessments are supported by timetabled, interactive tutorial sessions with formative assessment tasks, as appropriate. In addition, assessments that are based around practical work will involve a briefing before, and a session after the laboratory work to explain further the expectations of the assessment and support specific tasks such as data analysis. Examinations are supported by timetabled revision sessions and by workshop sessions covering examples of past examinations and the expectations of examination questions at each level.

To assist our learners, assignment briefs a uniform set of information and a consistent set of assessment criteria across the course. At the start of each level, students are given introductory session(s) that set out the expectations for each year. For entry points, several sessions are used to provide guidance and support to students joining the University. These provide details of support for the development of academic skills and learning from the School, the Study Hub and initiatives such as peer-assisted learning (PASS scheme). For students progressing between levels, introductory sessions are also provided to ensure the students are aware of the change in expectations of learning and assessment. This will flag areas such as expectations for increased self-directed learning, critical thinking and analysis that are expected as students go through the learning process.

A key aim for the school is the integration of transferable skills within learning and assessment to enhance employability. Our courses build awareness of business applications of knowledge with assessments that develop practical ideas and employability. This is supported by the University's Careers and Employability service throughout the course.

Students who commit academic offences due to a lack of clear understanding of academic integrity are further supported by being invited to attend academic practice guidance (APG) meetings with course staff to discuss the issues, and to refer them to the university academic integrity resource (AIR) to encourage them to develop good academic skills.

As highlighted, alongside the direct support by the School, the University provides a comprehensive student support service includes: Student Information Desk, a one-stop shop for any initial enquiries; Student Support team advising and supporting those with physical or learning needs or more general student well-being; Study Hub team providing academic skills guidance; Personal Academic Tutoring system; a student managed peer-assisted learning scheme; and the University's Careers and Employability providing support on the transition to the workplace.

<https://www.beds.ac.uk/entryrequirements>

<b>Admissions Criteria</b>	<b>Approved Variations and Additions to Standard Admission</b> In addition to the University standard entry requirements for undergraduate courses, a level 3 qualification in science is preferred. GCSE Maths at C or above, or equivalent is also required.
<b>Assessment Regulations</b>	<a href="https://www.beds.ac.uk/about-us/our-university/academic-information">https://www.beds.ac.uk/about-us/our-university/academic-information</a> <b>Note: Be aware that our regulations change every year</b> <b>Approved Variations and Additions to Standard Assessment Regulations</b> None.







Unit	Unit Name	Level	Credits	Core or Option	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
BHS020-2	Professional Practice Year (Life Sciences)	5	0	Option									A1 A2						



## Section C: Assessment Plan

The course is assessed as follows :

### **BSPCSAAF- Pharmaceutical and Chemical Science**

<b>Unit Code</b>	<b>Level</b>	<b>Period</b>	<b>Core/Option</b>	<b>Ass 1 Type code</b>	<b>Ass 1 Submit wk</b>	<b>Ass 2 Type code</b>	<b>Ass 2 Submit wk</b>	<b>Ass 3 Type code</b>	<b>Ass 3 Submit wk</b>	<b>Ass 4 Type code</b>	<b>Ass 4 Submit wk</b>
BHS011-1	4	SEM1 OR SEM3	Core	CW-PO	12						
BHS012-1	4	SEM1 OR SEM3	Core	CW-DE	6	EX-CB	13				

BHS030-3	6	SEM2	Core	CW-CS	8	EX	13				
BHS032-3	6	SEM2	Core	WR-PO	9	EX	13				
BHS026-3	6	TY	Core	PJ-ART	23	PJ-PRO	23				

**BSPLPAAF- Pharmaceutical and Chemical Science (with Professional Practice Year)**

Unit Code	Level	Period	Core/Option	Ass 1 Type code	Ass 1 Submit wk	Ass 2 Type code	Ass 2 Submit wk	Ass 3 Type code	Ass 3 Submit wk	Ass 4 Type code	Ass 4 Submit wk
BHS020-2	5	TY	Core	CW-PO	26						

**Glossary of Terms for Assessment Type Codes**

CW-CS

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