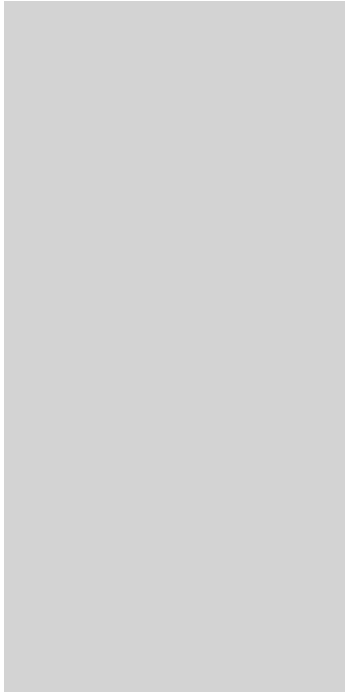


Course Information Form

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

Section A: General Course Information

Course Title	MSc Pharmacology - COPY - COPY
Final Award	Master of Science (MSc) MSYPHAAF/MSPHAAF
Intermediate Qualification(s)	



**External Reference
Points as applicable
including Subject
Benchmark**

FHEQ Level 7 Thresholds (2014)

QAA 2020 Masters Degree Characteristics

SEEC Credit Level Descriptors in HE (2016)

Aspects of QAA subject benchmarking for Pharmacy Masters (2002) and Medicine Masters (2002).

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FHEQ Level 7 Thresholds (2014)

QAA 2020 Masters Degree Characteristics

SEEC Credit Level Descriptors in HE (2016)

Aspects of QAA subject benchmarking for Pharmacy Masters (2002) and Medicine Masters (2002).

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FHEQ Level 7 Thresholds (2014)

QAA 2020 Masters Degree Characteristics

SEEC Credit Level Descriptors in HE (2016)

Aspects of QAA subject benchmarking for Pharmacy Masters (2002) and Medicine Masters (2002).

Course Learning Outcomes	Upon successful completion of your course you should meet the appropriate learning outcomes for your award shown in the table below		
		Outcome	Award
	1	Demonstrate a systematic understanding and a critical awareness of new technologies in cell and molecular biology;	MSc Pharmacology
	2	Show in-depth knowledge and understanding of the pharmacology of receptors especially with respect to emerging drug targets and putative mechanism of drug action	MSc Pharmacology
	3	Demonstrate significant knowledge and understanding of the principles of drug design, pre-clinical evaluation, clinical trials, regulatory affairs and application of new technologies in the drug discovery and development process	MSc Pharmacology
	4	Show in-depth knowledge and understanding of the therapeutic concepts and general principles relating to, causes, aetiology, epidemiology, and diagnosis of human diseases in current clinical practice, as well as drug adverse effects	MSc Pharmacology
	5	Use confident and accurate language to present work both orally and in written form including use of graphs and images to clearly illustrate complex points	MSc Pharmacology
	6	Synthesise and effectively use information from a variety of relevant sources and to independently and critically evaluate current research and advanced scholarship in the relevant subject areas	MSc Pharmacology
	7	Demonstrate originality in the application of knowledge, the development of practical skills and the ability to devise an experimental plan as an independent investigator. Students must demonstrate how established techniques and approaches can be applied to a new problem or a new method devised	MSc Pharmacology
8	Apply transferable skills (initiative, personal responsibility, effective communications, critical thinking and decision-making) that include a clear demonstration of independent learning commensurate with that expected from postgraduate students. This includes a detailed understanding of the social, moral and ethical considerations associated with any proposed research activity	MSc Pharmacology	
In line with the aspects of QAA Benchmarking statements for Pharmacy Masters (2002) and Medicine Masters (2002), motivation			

and challenge of the student is through a skilled and balanced selection of teaching and learning techniques, including:

lectures;
practical classes;
workshops;
seminars;
tutorials;
other forms of interactive small-group teaching;
IT-based teaching and learning;
independent assignment-based learning;
auditable, directed private study;
team-working; and
project work.

Delivery is in line with the Department's blended learning strategy with regards e-, or network-, based learning which generally makes use of the University's virtual learning environment (VLE). In line with University policy, all units in the Department have a VLE site containing unit and assessment briefing documents and details; announcements/notices; lecture notes; PowerPoint presentations.

Students will be provided with training in presentation skills throughout the course during seminars and workshops. This transferable skills training will equip them ahead of their case presentation and description of research progress.

As appropriate the VLE site for a unit will also contain other support material 298 T* ET8a1glh8u PowerPoint

Teaching, learning and assessment strategies

communication within the cohort making the learning process a collaborative effort.

The lectures, seminars, tutorials and practical sessions for full time students will take place at the University's Park Square campus, School of Life Sciences. For part time students attendance for the four units will be at Park Square campus; however the practical project could be performed at their place of employment with prior agreement. Students will have the opportunity to carry out a research project under supervision in laboratories of the University of Bedfordshire or in other institutions.

Assessment

The assessment philosophy of the MSc Pharmacology Award conforms to the recommendations of the aspects of relevant QAA Benchmarks and Masters level descriptors. The methods used for the assessment of students' achievements will correspond with the knowledge, abilities and skills that are to be developed through degree programme. Both formative and summative modes of assessment will be used.

Evidence on which assessment of students' achievement is based will include:

- formal written examinations;
- summative practical assessments;
- laboratory and other written reports;
- problem-solving exercises;
- oral presentations;
- individual planning, conduct and reporting of project work; and
- essay assignments.

Evidence on which assessment of students' achievement is based may include:

- literature surveys and evaluations;
- collaborative project work;
- preparation and displays of 'posters' reporting project work;
- personal portfolios of learning achieved;
- computer-based assessments; and
- self and peer assessment.

The course assessment strategy is compliant with the University of Bedfordshire's Quality Assurance Regulations.

The commitment to practical skills and the ability to communicate and interpret data through scientific report writing is emphasised at all units of the programme. As such, practical (laboratory) activities form a significant proportion of students assessment. Practical work will be assessed through written practical reports, portfolio of varied lab experiments, poster presentations and reflective laboratory diaries.

Assessment throughout the units, most notably in the research project, will call upon abstract writing and journal review skills to promote critical thinking and integration of knowledge across the course units. The importance of oral communication skills is also acknowledged, as some of the units require students' to undertake oral presentations as part of the unit assessments.

Throughout the course, formative feedback will be provided in support of various tasks that include practical work in all four units, mini-projects, literature reviews, case studies and presentation prior to final summative assessments.

Students'

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 diverse audiences including presentation skills also aligned to assessment requirements.

Throughout course delivery workshops and tutorials are used to support the development of academic skills, alongside the

Admissions Criteria

Approved Variations and Additions to Standard Admission

Additional:

Honours degree in a medical, biomedical, pharmaceutical, biological, chemical science or a related science subject.

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<https://www.beds.ac.uk/about-us/our-university/academic-information>

**Assessment
Regulations**

Note: Be aware that our regulations change every year

Approved Variations and Additions to Standard Assessment Regulations

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Section B: Course Structure

Unit	Unit Name	Level	Credits	Core or Option	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
BHS001-6	Cell and Molecular Biology	7	30	Core	T1 A1 2				TA2	TA 2	TA 2	TA 2							
BHS005-6	Drug Discovery and Development	7	30	Core			T1A 12		TA2	TA 2									
BHS006-6	Molecular Pharmacology	7	30	Core		T1A 12			TA2	TA 2									
BHS007-6	Clinical Pharmacology and Therapeutics	7	30	Core				T1A 12	TA2	TA 2									
BHS010-6	Pharmacology Research Project	7	60	Core					DA2	DA 2	DA 1	DA 2							

Section C: Assessment Plan

Glossary of Terms for Assessment Type Codes

CW-JO	Coursework - Journal
CW-PO	Coursework - Portfolio
EX	Exam (Invigilated)
IT-PT	Summative in-class test or phase test
PJ-PRO	Coursework - Project Report
WR-I	Coursework - Individual Report
WR-LAB	Coursework - Laboratory Report
WR-PO	Coursework - Poster

Administrative Information