Course Information Form

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

Section A: General Course Information

Course Title	BSc (Hons) Biomedical Science
Final Award	BSc (Hons)
Route Code	BSBMDAAF
Intermediate Qualification(s)	None
FHEQ Level	6
Location of Delivery	University Square Campus, Luton
Mode(s) and leng1IHof	

External Reference Points as applicable including Subject Benchmark	QAA UK Framework for Higher Education Qualifications (FHEQ, 2014) QAA Subject Benchmark Biomedical Science (2019) Institute of Biomedical Science (IBMS) accreditation criteria SEEC Credit Level Descriptors (2021) , QAA UK Framework for Higher Education Qualifications (FHEQ, 2014) QAA Subject Benchmark Biomedical Science (2019) Institute of Biomedical Science (IBMS) accreditation criteria SEEC Credit Level Descriptors (2021)
Professional, Statutory or Regulatory Body (PSRB) accreditation or endorsement	The Biomedical Science Award is accredited by the Institute of Biomedical Science (IBMS) and covers a range of biological and molecular sciences that underpin modern medicine. A multidisciplinary approach allows investigation of normal life processes and the study of pathological changes that occur in human disease. The course also provides a sound theoretical and practical foundation in a range of laboratory sciences that are used to investigate and aid the diagnosis of human disease. , The Biomedical Science Award is accredited by the Institute of Biomedical Science (IBMS) and covers a range of biological and molecular sciences that underpin modern medicine. A multidisciplinary approach allows investigation of normal life processes and the study of pathological changes that occur in human disease. The course also provides a sound theoretical and practical foundation in a range of laboratory sciences that are used to investigate and aid the diagnosis of human disease.
HECoS code(s)	100265
UCAS Course Code	BC99

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 thorough grounding in the theory and practice relating to human anatomy, physiology and reproductive science, molecular and clinical genetics, clinical immunology, medical microbiology, cellular pathology, clinical biochemistry, haematology and transfusion science.	BSc (Hons) Biomedical Science
2	Critically review biological information and data supporting conclusions, including reliability of the data, validity and significance.	BSc (Hons) Biomedical Science
3	Apply a breadth of knowledge in the subjects related to biomedical science and biology of disease and their social and ethically related issues.	BSc (Hons) Biomedical Science
4	Evaluate, select and apply different laboratory techniques to analytical problems and select the laboratory investigations needed in the study of representative diseases.	BSc (Hons) Biomedical Science
5	Access and evaluate biomedical science information from a variety of sources and to communicate the principles both orally and in writing (e.g. essays, laboratory reports and oral presentations) in a way that is well organised, topical and recognises the limits of current hypotheses.	BSc (Hons) Biomedical Science
6	Undertake a research project, with minimum guidance, transforming abstract data and concepts into a clear hypothesis that can be tested experimentally and can be reported in the form of a dissertation.	BSc (Hons) Biomedical Science
7	Understand the role of the accredited professional body and the career progression structure within biomedical science, including the registration portfolio, and acquire skills associated with biomedical laboratory practice including safe handling of specimens and aseptic techniques and the essentials of Good Laboratory Practice (GLP).	BSc (Hons) Biomedical Science

- Practical classes
- Workshops
- Seminars
- Tutorials
- IT-based teaching and learning
- Guided/independent study
- Team-working
- Computer-aided learning
- Case studies and problem-based learning and
- Project work

Students will also receive lectures and careers advice from visiting lecturers from hospitals and other institutions. Delivery of the course is also in line with the University’s Blended Learning strategy with regards e-, or network- based learning which generally makes use of the BREO system. All units of the course have a BREO site containing unit and assessment documents and details,

	formal oral presentations at level 5, and group discussions in a problem-based learning assignment, and oral presentations in both poster discussion and platform presentation formats at level 6. Practical laboratory skills and good laboratory practice (GLP), including knowledge of health and safety procedures, are fundamental and introduced at the very beginning of the course during the Induction Week. Basic laboratory skills are assessed in Level 4 as part of a Skills portfolio. These skills are then developed across all years of the course and with regards to a variety of experimental techniques. Independence and competence in laboratory skills is then expected by the time students start their level 6 research projects. All Units therefore support an array of transferable skills, in particular information retrieval and handling, communication and presentation. The skills in planning and problem solving and social development and interaction are less well defined in the individual units of the awards but are generally developed in practical work which is often group orientated. Likewise, time management and personal responsibility are required skills relating to assignment activities throughout the course.

Learning support

BHS060-3	Clinical Biochemistry	6	15	Core	A1 A2	A1 A2	A1 A2		A1 A2										
BHS061-3	Applications of Immunology	6	15	Core	A1 A2	A1 A2	A1	A1 A2	A1 A2		A1 A2								
BHS063-3	Human Genetics	6	15	Core	A1 A2	A1 A2	A1 A2	A1 A2	A1 A2		A1 A2								
BHS064-3	Biology of Disease	6	15	Core	A1 A2	A1 A2	A1 A2		A1 A2										
BHS066-3	Molecular Biology	6	15	Core	A1 A2	A1	A1	A2	A1 A2		A2								

BHS059-3	6	SEM2	Core	CW-ESS	12						
BHS061-3	6	SEM2	Core	WR-I	6	IT-PT	13				
BHS063-3	6	SEM2	Core	EX-CS	13						
BHS013-3	6	TY	Core	PJ-PRO	23	PJ-ART	23				

Glossary of Terms for Assessment Type Codes	
CW-CS	Coursework - Case Study
CW-DE	Coursework - Data Exercise
CW-ESS	Coursework - Essay
CW-PO	Coursework - Portfolio
EX	Exam (Invigilated)
EX-CB	Computer-based Invigilated Examination
EX-CS	Case Study Invigilated Examination
IT-PT	Summative in-class test or phase test
PJ-ART	Coursework - Artefact
PJ-PRO	Coursework - Project Report
PR-OR	Practical - Oral Presentation
WR-I	Coursework - Individual Report
WR-LAB	Coursework - Laboratory Report
WR-PO	Coursework - Poster

Administrative Information

Head of School/Department	Prof S Sreenivasaprasad
Course Coordinator	Anna Furmanski