University of Bedfordshire

Course Information Form

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

Section A: General Course Information

Course Title	BSc (Hons) Biotechnology with Project Management
Final Award	MSc
Route Code	MSBPMAAF
Intermediate Qualification(s)	
FHEQ Level	7
Location of Delivery	University Square Campus, Luton
Mode(s) and length of study	Full time over 24 months , Full time over 24 months , Full time over 24 months
Standard intake points (months)	October, February

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 systematic understanding and a critical awareness of new technologies in molecular biology	Msc Biotechnology with Project Management
2	Show significant knowledge and understanding of the principles of recombinant protein expression and development process	Msc Biotechnology with Project Management
3	Demonstrate systematic knowledge and understanding of nucleotide and protein sequence databases and the tools to model 3-dimensional protein structures with molecular modelling software	Msc Biotechnology with Project Management
4	Show systematic understanding of those industrial processes to exploit the use of microbes for a specific product or application	Msc Biotechnology with Project Management
5	Use assured, accurate and fluent language to present work both orally and in written form including use of graphs and images to clearly illustrate complex points	Msc Biotechnology with Project Management
6	Synthesise and effectively use information from relevant sources and to independently and critically evaluate current research and advanced scholarship in the relevant subject areas	Msc Biotechnology with Project Management
7	Demonstrate originality in the application of knowledge, together with a practical understanding of how established techniques of research and enquiry are used to create and interpret knowledge in laboratory based research	Msc Biotechnology with Project Management
8	Apply a range of transferable skills (initiative, personal responsibility, effective communication and decision-making) that include clear demonstration of independent learning commensurate with that expected from postgraduate students	Msc Biotechnology with Project Management
9	Demonstrate a systematic understanding of and critically assess the external context in which modern organisations operate including economic, political, social and environmental change and the regulatory and governance trends impacting on different organisations	Msc Biotechnology with Project Management

	10	Demonstrate sensitivity to the complexity of implementing plans and of achieving change in organisations both because of individual and organisational obstacles and critically appraise the methods available to managers to handle this complexity	Msc Biotechnology with Project Management
	11	Demonstrate a systematic understanding of career planning including factors of organisational and personal collaboration that impact on career trajectories, and be able to conduct a self-evaluation of oneself against relevant skills and organisational competences to establish a personal development plan that delivers personal and organisational performance impact .	Msc Biotechnology with Project Management
	12	Demonstrate knowledge and understanding of what goes into a research proposal, the rudiments of good research design at masters level and be able to produce work of a standard consistent with research publications in your field of study, communicating conclusions clearly to a specialist and non-specialist audience	Msc Biotechnology with Project Management

Teaching, learning and assessment strategies	This course is delivered using a blended learning strategy which makes use of the University's virtual learning environment (VLE). This contains supporting information for the course, including 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 for both the assessments and for future employment. As appropriate the VLE site for a unit will also contain other support material to aid understanding of the course material. This allows it to act as a "gateway" to other web-based resources. Links are provided to websites containing information such as; supporting lecture material; pictures or movie (avi, etc.); clips showing a biological principle live or in a model; self-learning/assessment sites on the internet; journal articles or technical sites. These sorts of web-based material along with interactive websites that provide virtual-practicals, where students can undertake practical or modelling on their own and view the results, are all methods of supporting independent and blended learning to improve the students' performance. The course supports meaningful learning through a curriculum that is intellectually challenging and of practical relevance to those seeking a future career in areas of biotechnology. The course is designed to encourage a reflective, student-centred approach to learning. The course incorporates some of the latest developments in the subject of molecular biology, computational biology, applied microbiology and analytical methods with students being referred to the latest books and key references in research

Admissions Criteria	**Approved Variations and Additions to Standard Admission** n/a , n/a , n/a
Assessment Regulations	https://www.beds.ac.uk/about-us/our-university/academic-information **Note: Be aware that our regulations change every year** **Approved Variations and Additions to Standard Assessment Regulations'** n/a , n/a , n/a

Section B: Course Structure

BHS042-6	7	SEM1 (AY1) OR SEM1 (AY2)	Core	PR-LAB	9	EX	13
BHS043-6	7	SEM1 (AY1) OR SEM1 (AY2)	Core	CW-PO	12		
BHS013-6	7	SEM2 (AY1)	Core	WR-PO	9	EX	13
BHS014-6	7	SEM2 (AY1)	Core	CW-PO	11		
BHS000-6	7						

BSS060-6	7	BLK4 (AY2) OR BLK6 (AY2)	Core	PR-OR	3	WR-I	6				
BHS000-6	7	SEM1 (AY3)	Core	PJ-PRO	13	CW-JO	13	PR-OR	13		
BHS012-6	7	SEM1 (AY1) OR SEM1 (AY2	Core	PR-OR	7	IT-PT	11				
BHS042-6	7	SEM1 (AY1) OR SEM1 (AY2)	Core	PR-LAB	9	EX	13				
BHS043-6	7	SEM1 (AY1) OR SEM1 (AY2)	Core	CW-PO	12						
BHS013-6	7	SEM2 (AY1)	Core	WR-PO	9	EX	13				
BHS014-6	7	SEM2 (AY1)	Core	CW-PO	11						

Glossary of Terms for Assessment Type Codes

CW-EPO	Coursework - e-Portfolio
CW-JO	Coursework - Journal
CW-PO	Coursework - Portfolio
CW-RW	Coursework - Reflective Writing
EX	Exam (Invigilated)
IT-PT	Summative in-class test or phase test

PJ-PRO	Coursework - Project Report
PR-LAB	Practical - Laboratory Based
PR-OR	Practical - Oral Presentation
WR-I	Coursework - Individual Report
WR-PO	Coursework - Poster

Administrative Information	
School	School of Life Sciences
Head of School/Department	Professor Prasad Sreenivasaprasad
Course Coordinator	Guy Grant