

Course Specification

Course Summary Information			
1	Course Title		BSc (Hons) Biomedical Sciences with Foundation Year
2	BCU Course Code	UCAS Code	US0625F C90F
3	Awarding Institution		
4	Teaching Institution(s) (if different from point 3)		
5	Professional Statutory or Regulatory Body (PSRB) accreditation (if applicable)		

6	Course Description
	<p>You will study very broad subjects in your foundation year, which is designed to prepare you for a range of courses, not just one particular BSc degree. Play a leading role in the prevention and treatment of diseases by studying our Biomedical Sciences with a Foundation Year course. Delivered at our recently extended, £71 million, state-of-the-art development at City South Campus, you'll develop a range of practical and analytical skills that will prepare you for a challenging and rewarding career in biomedical science.</p> <p>Why choose a foundation year course?</p> <p>By studying a foundation year in Health Sciences, your first year will be spent learning a wide range of broad subject areas which then open up opportunities for you to specialise further in your next year – which would be the first year of a full degree programme.</p> <p>You will study very broad subjects in your foundation year, which is designed to prepare you for a range of courses and not just one particular BSc degree.</p> <p>So, although you are studying a BSc in a specific course – BSc Biomedical Sciences – the foundation year sets you up for a number of other possible degrees starting the following year. It may be that you don't end up doing a degree in precisely the same subject as your foundation year.</p> <p>This flexibility is one of the great things about the foundation year category - Health Sciences, allowing you to find out more about your interests and talents before focusing on a three year degree. The foundation year also helps us at BCU to make sure we help to match you to the degree that fits you best.</p>

7	Course Awards		
7a	Name of Final Award	Level	Credits Awarded
	Bachelor of Science with Honours Biomedical Sciences with Foundation Year	6	480
7b	Exit Awards and Credits Awarded		
	Foundation Certificate Health Sciences	3	120
	Certificate of Higher Education Biomedical Sciences	4	240
	Diploma of Higher Education Biomedical Sciences	5	360
	Bachelor of Science Biomedical Sciences	6	420

8	Derogation from the University Regulations		
	Not applicable		

9	Delivery Patterns			
	Mode(s) of Study	Location(s) of Study	Duration of Study	Code(s)
	Full Time	City South	4 years	US0625F

10	Entry Requirements		
	<p>The admission requirements for this course are stated on the course page of the BCU website at https://www.bcu.ac.uk/ or may be found by searching for the course entry profile located on the UCAS website.</p>		

11	Course Learning Outcomes		
1	Conduct yourself in a manner that is consistent with the values of your future profession.		
2	Become an autonomous learner, who is confident, adaptable and capable of independent enquiry.		
3	Demonstrate a commitment to continuing personal and professional development and career planning.		
4	Demonstrate an ability to adapt behaviours in accordance with diverse cultural needs.		
5	Show sensitivity to contextual and interpersonal behaviours.		
6	Have a wide range of intellectual and key skills, and reflective approaches to learning.		
7	Demonstrate excellent communication skills through a variety of modes and cultural awareness.		
8	Exhibit skills of academic writing and presentation results.		
9	Demonstrate a wide-range of transferable skills to appropriately prepare for higher levels of study and employment (e.g. communication and literacy, problem solving, numerical techniques, independent learning and working, teamwork, ICT etc.)		
10	Be able to apply effective time management and organisational skills.		
11	Be able to work effectively in a multidisciplinary team and adopt a partnership approach.		
12	Adopt and integrate multiple perspectives and explore the relationships between them.		

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12a	<p>Level 3:</p> <p><i>In order to complete this course a student must successfully complete all the following CORE modules (totalling 120 credits):</i></p> <table border="1"> <thead> <tr> <th>Module Code</th> <th>Module Name</th> <th>Credit Value</th> </tr> </thead> <tbody> <tr> <td>HEL3000</td> <td>Academic Skills for Success</td> <td>20</td> </tr> <tr> <td>HEL3001</td> <td>Interpersonal Skills and Professional Behaviours</td> <td>20</td> </tr> <tr> <td>HEL3002</td> <td>Equality, Diversity and Inclusivity</td> <td>20</td> </tr> <tr> <td>HEL3003</td> <td>Negotiated Studies</td> <td>20</td> </tr> <tr> <td>HEL3006</td> <td>Introduction to Human Biology</td> <td>20</td> </tr> <tr> <td>HEL3008</td> <td>Health and Well-being in Society</td> <td>20</td> </tr> </tbody> </table> <p>Level 4:</p> <p><i>In order to complete this course a student must successfully complete all the following CORE modules (totalling 120 credits):</i></p> <table border="1"> <thead> <tr> <th>Module Code</th> <th>Module Name</th> <th>Credit Value</th> </tr> </thead> <tbody> <tr> <td>BMS4000</td> <td>Biochemistry</td> <td>20</td> </tr> <tr> <td>BMS4002</td> <td>Fundamentals of Cell Biology</td> <td>20</td> </tr> <tr> <td>BMS4001</td> <td>Essential Skills for the Biosciences</td> <td>20</td> </tr> <tr> <td>BMS4004</td> <td>Introduction to Human Physiology</td> <td>20</td> </tr> <tr> <td>BMS4003</td> <td>Genetics</td> <td>20</td> </tr> <tr> <td>BMS4005</td> <td>Microbiology</td> <td>20</td> </tr> </tbody> </table> <p>Level 5:</p> <p><i>In order to complete this course a student must successfully complete all the following CORE modules (totalling 100 credits):</i></p> <table border="1"> <thead> <tr> <th>Module Code</th> <th>Module Name</th> <th>Credit Value</th> </tr> </thead> <tbody> <tr> <td>BMS5005</td> <td>Research Methods in Science and Engineering</td> <td>20</td> </tr> <tr> <td>BMS5001</td> <td>Clinical Biochemistry and Cellular Analysis</td> <td>20</td> </tr> <tr> <td>BMS5004</td> <td>Fundamental Principles of Pharmacology and Drug Development</td> <td>20</td> </tr> <tr> <td>BMS5000</td> <td>Blood Science</td> <td>20</td> </tr> <tr> <td>BMS5002</td> <td>Infectious Disease</td> <td>20</td> </tr> </tbody> </table>	Module Code	Module Name	Credit Value	HEL3000	Academic Skills for Success	20	HEL3001	Interpersonal Skills and Professional Behaviours	20	HEL3002	Equality, Diversity and Inclusivity	20	HEL3003	Negotiated Studies	20	HEL3006	Introduction to Human Biology	20	HEL3008	Health and Well-being in Society	20	Module Code	Module Name	Credit Value	BMS4000	Biochemistry	20	BMS4002	Fundamentals of Cell Biology	20	BMS4001	Essential Skills for the Biosciences	20	BMS4004	Introduction to Human Physiology	20	BMS4003	Genetics	20	BMS4005	Microbiology	20	Module Code	Module Name	Credit Value	BMS5005	Research Methods in Science and Engineering	20	BMS5001	Clinical Biochemistry and Cellular Analysis	20	BMS5004	Fundamental Principles of Pharmacology and Drug Development	20	BMS5000	Blood Science	20	BMS5002	Infectious Disease	20
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In order to complete this course a student must successfully complete at least 20 credits from the following indicative list of OPTIONAL modules.

Module Code	Module Name	Credit Value
BMS5006	Work Placement	20
BMS5007	Exploring careers in Biosciences	20

Level 6:

In order to complete this course a student must successfully complete all the following CORE modules (totalling 80 credits):

Module Code	Module Name	Credit Value
BMS6004	Research Project	40
BMS6002	Molecular Basis of Disease	20
BMS6006	Pathophysiology	20

In order to complete this course a student must successfully complete at least 40 credits from the following indicative list of OPTIONAL modules.

Module Code	Module Name	Credit Value
BMS6001	Applied Toxicology	20
BMS6003	New Technologies in Biomedicine	20
BMS6000	Control of Global Infectious Disease	20
BMS6005	Neuroscience	20
BMS6007	Immunology	20
BMS6008	Medical Pharmacology	20

12b Structure Diagram

Please note list of optional modules is indicative only. Students' choice will not be guaranteed for optional modules but a fair and transparent process will be adopted and shared with students.

Level 3

SEMESTER ONE	SEMESTER TWO
Core HEL3006: Introduction to Human Biology (20 credits) HEL3000: Academic Skills for Success (20 credits) HEL3001: Interpersonal Skills and Professional Behaviours (20 credits)	Core HEL3008: Health and Well-being in Society (20 credits) HEL3002: Equality, Diversity and Inclusivity (20 credits) HEL3003: Negotiated Studies (20 credits)

Level 4

SEMESTER ONE	SEMESTER TWO
Core BMS4000: Biochemistry (20 credits) BMS4002: Fundamentals of Cell Biology (20 credits) BMS4001: Essential Skills for the Biosciences (20 credits)	Core BMS4004: Introduction to Human Physiology (20 credits) BMS4003: Genetics (20 credits) BMS4005: Microbiology (20 credits)

Level 5

Core BMS5005: Research Methods in Science and Engineering (20 credits) BMS5001: Clinical Biochemistry and Cellular Analysis (20 credits) BMS5004: Fundamental Principles of Pharmacology and Drug Development (20 credits)	Core BMS5000: Blood Science (20 credits) BMS5002: Infectious Disease (20 credits)
	Optional BMS5006 Work Placement (20 credits) BMS5007 Exploring careers in Biosciences (20 credits)

Level 6

Core BMS6002: Molecular Basis of Disease (20 credits)	Core BMS6006: Pathophysiology (20 credits)
Optional BMS6001: Applied Toxicology (20 credits) BMS6003: New Technologies in Biomedicine (20 credits)	Optional BMS6000: Control of Global Infectious Disease (20 credits) BMS6005: Neuroscience (20 credits) BMS6007: Immunology (20 credits) BMS6008: Medical Pharmacology (20 credits)
BMS6004 Research Project (40 credits)	

13 Overall Student Workload and Balance of Assessment

Overall student *workload* consists of class contact hours, independent learning and assessment activity, with each credit taken equating to a total study time of around 10 hours. While actual contact hours may depend on the optional modules selected, the following information gives an indication of how much time students will need to allocate to different activities at each level of the course.

- *Scheduled Learning* includes lectures, practical classes and workshops, contact time specified in timetable
- *Directed Learning* includes placements, work-based learning, external visits, on-line activity, Graduate+, peer learning
- *Private Study* includes preparation for exams

The *balance of assessment* by mode of assessment (e.g. coursework, exam and in-person) depends to some extent on the optional modules chosen by students. The approximate percentage of the course assessed by coursework, exam and in-person is shown below.

Level 3

Workload

% time spent in timetabled teaching and learning activity

Activity	Number of Hours
Scheduled Learning	488
Directed Learning	144
Private Study	568
Total Hours	1200

Balance of Assessment

Assessment Mode	Percentage
Coursework	71%
Exam	17%
In-Person	12%

Level 4

Workload

% time spent in timetabled teaching and learning activity

Activity	Number of Hours
Scheduled Learning	274
Directed Learning	461
Private Study	465
Total Hours	1200

Balance of Assessment

Assessment Mode	Percentage
Coursework	50%
Exam	43%

In-Person	7%
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Level 5

Workload

% time spent in timetabled teaching and learning activity

Activity	Number of Hours
Scheduled Learning	227
Directed Learning	422
Private Study	551
Total Hours	1200

Balance of Assessment

Assessment Mode	Percentage
Coursework	67%
Exam	28%
In-Person	5%

Level 6

Workload

% time spent in timetabled teaching and learning activity

Activity	Number of Hours
Scheduled Learning	400
Directed Learning	280
Private Study	570
Total Hours	1200

Balance of Assessment

Assessment Mode	Percentage
Coursework	74%
Exam	0
In-Person	26%

