PROGRAMME SPECIFICATION

GLASGOW CALEDONIAN UNIVERSITY

Programme Specification Pro-forma (PSP)

1. GENERAL INFORMATION

1.	**Programme Title:**	BSc (Hons) Biomedical Science/Applied Biomedical Science
2.	**Final Award:**	BSc (Hons) Biomedical Science/Applied Biomedical Science
3.	**Exit Awards:**	BSc Biological Sciences Diploma of Higher Education in Biological Sciences Certificate of Higher Education in Biological Sciences
4.	**Awarding Body:**	Glasgow Caledonian University
5.	**Approval Date:**	April 2015
6.	**School:**	Health & Life Sciences
7.	**Host Department:**	Life Sciences
8.	**UCAS Code:**	B940
9.	**PSB Involvement:**	Institute of Biomedical Science (IBMS) Health & Care Professions Council (HCPC – ABMS only)
10.	**Place of Delivery:**	GCU, various clinical NHS laboratories
11.	**Subject Benchmark Statement:**	Biomedical Science 2015 (pending)
12.	**Dates of PSP Preparation/Revision:**	March 2015 (revised Nov 15)

2. EDUCATIONAL AIMS OF THE PROGRAMME

The Biomedical Science Programmes aim to:

(i) provide an understanding of the scientific investigation of human health and disease;
(ii) produce graduates who have developed the skills, knowledge and competence to practice in Biomedical Science;
(iii) develop laboratory skills to allow students to make valid scientific measurements;
(iv) produce graduates who are able to integrate theory and practice and who are critical, reflective thinkers;
(v) foster an ethos of career-long, self-directed learning through continuous professional development;
(vi) provide students with a supportive learning environment;
(vii) be inclusive of all sectors of society and be responsive to the needs of individuals, employers and stakeholders.

In addition, honours students undertaking the project will:

- Conduct a literature survey to support an investigative project;
- Propose reasoned lines of further investigation:
- Design and prepare a project under supervision

4. PROGRAMME STRUCTURES AND REQUIREMENTS, LEVELS, MODULES, CREDITS AND AWARDS

SCQF Level 7

Module Code	Module Title	Credit
M1F121832	Chemistry	20
M1C723490	Cells & Biomolecules	20
M1B123343	Physiology 1	20
M1B123349	Physiology 2	20
M1C723589	Core Skills in Biosciences 1	40
		120

Exit Award – Certificate of Higher Education

SCQF Level 8

Module Code	Module Title	Credit
M2C520233	Introduction to Microbiology	20
M2C723491	Mechanisms of Cellular Regulation	20
M2C723590	Core Skills in Biosciences 2	20
M2C720259	Clinical Biochemistry	10
M2B123342	Haematology	10
M2C523889	Immunology	10
M2B123323	Biomedical Science Clinical Skills	30
		240

Exit Award – Diploma of Higher Education

SCQF Level 9

Module Code	Module Title	Credit
M3C723501	Molecular Diagnostics	20
M3B121967	Systematic & Cellular Pathology	20
M3C523465	Clinical Microbiology	20
M3B923400	Practice Placement	60
	Or	
M3C523505	Microbial Genomes or	20
M3B223437	Pharmacology of Chemical Mediators	20
M3C123347	Cellular Signalling & Trafficking or	10
M3C923600	Bioscience Workplace Experience	10
M3C123472	Novel Therapies & Cell Technologies	10
M3C923618	Experimental Design & Analysis	20

Exit Award – BSc Biological Sciences ***360***

SCQF Level 10

Module Code	Module Title	Credit
MHC923440	Projects & Workshop	40
MHC723329	Biology of Disease	20
MHC523568	Advanced Blood Science	20
MHB123496	Pathophysiology & Therapeutics	20
MHC523529	(Re)emerging Infections or	20
MHC523511	Bacterial Pathogenicity	20

Exit Award – BSc (Hons)Biomedical Science/ BSc (Hons) Applied Biomedical Science ***480***

8. ASSESSMENT REGULATIONS

The Glasgow Caledonian University Assessment Regulations

Undergraduate Programmes

http://www.gcu.ac.uk/media/gcalwebv2/theuniversity/gaq/gaqfiles/assessmentregulations/University%20Assessment%20%20Regulations%202015-16%20Undergraduate.pdf

apply to this programme, **with the following approved exceptions**:

(i) Attendance Requirements

Students will be required to attend a minimum of 80% of all formal classes. Any student who has less than this attendance rate, without due documented reason, will not be allowed to undertake module assessments and may be required to retake the module with attendance prior to progressing to subsequent levels of the Programme. Unauthorised absence from a module may result in the student being required to withdraw from the Programme. The justification for this requirement is to ensure that all students have satisfied all learning outcomes of the modules, especially in relation to Standards of Proficiency and fitness to practice, and to instil an ethos of professionalism in the students which will underpin their work in Practice Placements. All students will be made fully aware of this requirement in all Programme and Module handbooks and other documentation, as well as at induction sessions.

(ii) International Student's English Language requirements

International applicants have to demonstrate, and provide evidence of, a proficiency in English to at least level 7 of IELTS (or equivalent), with no element below 6.5, as per HCPC requirements.

(iii) Compensation

Compensation for failure in a single module when students have passed all other modules at any one level will not normally apply to clinical subject modules. This applies to all modules in Trimester B in year 2 and all modules in Trimester A of year 3. This is to ensure all students have met the required Standards of Proficiency in clinical subject areas. In addition, students on the Applied Biomedical Science Programme cannot be compensated for failure in the Practice Placement module.

(iv) Carrying of failed modules into subsequent levels

GCU assessment regulations allow for the carrying of up to two failed modules into subsequent levels of the Programme. The Biomedical Science and the Applied Biomedical Science Programmes will not normally permit this to occur. The rationale for this is that it must be ensured that necessary Standards of Proficiency which underpin subsequent higher level modules have been attained by students before progressing to the next level of the Programme.

(v) HCPC Registration

Students who are awarded a BSc (Hons) in Applied Biomedical Science, will be eligible to apply for registration with HCPC and licentiate membership of the Institute of Biomedical Science.

(vi) Honours classification – ABMS only

The classification of the award of the Degree with Honours will be based upon the average marks obtained in Level Three (contributing 30%) and Level Four (contributing 70%). The classification will be

based upon the year mean obtained by combining the weighted results of all modules studied in Levels Three and Four with the final classification being arrived at as stated i.e. 30% weighting of Year 3 and 70% weighting of Year 4. The Honours project must be included (40 credits).

(vii) Non-Honours Awards

Students who exit the Programme at levels 1, 2 or 3 will not be eligible for the award title Biomedical Science, but will instead be conferred an award in Biological Sciences.

(viii) Aegrotat awards

Due to the requirements of HCPC (Assessment Standards 6.7.3), an aegrotat award will not enable a graduate to be eligible for admission to the HCPC Register. In the case of an aegrotat award, a graduate will be awarded a degree in Biological Sciences.

(ix) Module Assessments

M1C723490 Cells & Biomolecules, M1B123343 Physiology 1, M1B123349 Physiology 2- all coursework elements have a 35% minimum mark.

M1C723589 Core Skills in Biosciences 1, M2C723590 Core Skills in Biosciences 2, compulsory Pass/Fail on Portfolio element.