

Programme Regulations 2022/23

Degree of Bachelor of Science with Honours in:

Biomedical Sciences – 2+1 Provision with Newcastle University Medicine Malaysia 1213U/B941

Notes

- (i) *These programme regulations should be read in conjunction with the University's Taught Programme Regulations.*
- (ii) *All optional modules are offered subject to the constraints of the timetable and to any restrictions on the number of students who may be taught on a particular module. Not all modules may be offered in all years and they are listed subject to availability.*
- (iii) *Unless otherwise stated under 'Type' modules are not core.*
- (iv) *A compulsory module is a module which a student is required to study.*
- (v) *A core module is a module which a student must pass, and in which a fail mark may neither 1213U*
- (vi) *be carried nor compensated; such modules are designated by the board of studies as essential for progression to a further stage of the programme or for study in a further module.*
- (vii) *All modules are delivered in Linear mode unless stated otherwise as Block, eLearning or distance learning.*
- (viii) *Stage 1 and Stage 2 will be offered at Newcastle University Medicine Malaysia (Iskandar Puteri Campus) whilst stage 3 will only be offered at Newcastle University UK.*
- (ix) *NUMed students will be required to comply with current MoH and Malaysian Government Guidance in relation to vaccination requirements.*

1. Programme Structure

1.1 Stage 1 – Newcastle University Medicine Malaysia (Iskandar Puteri Campus)

- (a) All candidates shall take the following compulsory modules:

<i>Code</i>	<i>Descriptive title</i>	<i>Total Credits</i>	<i>Credits Sem 1</i>	<i>Credits Sem 2</i>	<i>Level</i>	<i>Type</i>	<i>Mode</i>
BMN1001	Biochemistry	15	15		4	Core	
BMN1002	Cell Biology	15	15		4	Core	
BMN1003	Genetics	15	15		4	Core	
BMN1004*	Practical Skills in Biomedical and Biomolecular Science 1	15	15		4	Core	
BMN1005	Microbiology and Immunology	15		15	4	Core	
BMN1006	Pharmacology	15		15	4	Core	
BMN1007	Physiology	15		15	4	Core	
BMN1008*	Practical Skills in Biomedical and Biomolecular Science 2	15		15	4	Core	

*In order to pass BMN1004 candidates must achieve an overall module mark of at least 40%, a mark of at least 40% in the practical lab report (essential component) and achieve a pass in the Practical Skills Test associated with this module. (The Practical Skills Test is compulsory and must be passed in order to progress to Stage 2)

*In order to pass BMN1008 candidates must achieve an overall module mark of at least 40%, and a mark of at least 40% in the practical lab report (essential component).

Candidates who fail either module at first attempt due to failure of the practical lab report or candidates who achieve an overall pass in either module but fail the practical lab report will be deemed to have failed the module and will be entitled to one reassessment.

Candidates who fail the practical lab report (essential component) will be required to re-submit an additional practical lab report. The additional practical lab report will be assigned a percentage mark and must be completed to a satisfactory standard (40% or more) for the student to pass the module. Students who pass the module at resit will have their mark capped at 40% for calculation purposes.

Candidates who fail the reassessment of the practical lab report (essential component) will be deemed to have failed the module as a 2nd and final attempt: **existing marks will be disregarded and a final module mark of 35% will be returned** for the second attempt.

The University rules for compensation Taught Programme Regulations Section C25-28 (BSc) may be applied when considering the returned fail mark of 35%. **Note that all Stage 1 modules are core and therefore may not be compensated.**

1.2 Stage 2 - Newcastle University Medicine Malaysia (Iskandar Puteri Campus)

(a) All candidates shall take the following compulsory modules:

<i>Code</i>	<i>Descriptive title</i>	<i>Total Credits</i>	<i>Credits Sem 1</i>	<i>Credits Sem 2</i>	<i>Level</i>	<i>Type</i>	<i>Mode</i>
BMN2000*	Essential Biomedical Research Skills	20	20		5	Core	
BMN2001	Control of Eukaryotic Gene Expression	10	10		5		
BMN2004	Cell and Molecular Biology of the Immune System	10	10		5		
BMN2006	Cell Biology and Disease	20	20		5		
BMN2011	The Nervous System and Respiratory Diseases	20		20	5		
BMN2012	Clinical Immunology and Viral Pathogens	20		20	5		
BMN2013	Practical and Presentational Skills in Biomedical Sciences	10		10	5		
BMN2007	Human Anatomy	10		10	5		

*In order to pass the core BMN2000 module candidates must achieve a mark of at least 40% and attend all compulsory practical sessions.

1.3 Stage 3 – Newcastle University (UK Campus)

(a) All candidates will transfer to B941– BSc Hons Biomedical Sciences (Newcastle UK Campus)

(b) All candidates shall take the following compulsory modules in semester 2:

Code	Descriptive title	Total Credits	Credits Sem 1	Credits Sem 2	Level	Type	Mode
CMB3000	Project	40		40	6		

Code	Descriptive title	Total Credits	Credits Sem 1	Credits Sem 2	Level	Type	Mode
BMS3008	Integrated Biomedical Sciences	10		10	6		

(c) All candidates shall take one optional module from each of the following lists:

List A:

Code	Descriptive title	Total Credits	Credits Sem 1	Credits Sem 2	Level	Type	Mode
BMS3010	Genetics and Human Disease	20	20		6		
Or							
BMS3021	Immunology of Health and Disease	20	20		6		
Or							
BMS3023	Epidemiology	20	20		6		

List B:

Code	Descriptive title	Total Credits	Credits Sem 1	Credits Sem 2	Level	Type	Mode
BMS3012	Cancer Biology and Therapy	20	20		6		
Or							
BMS3013	Diseases of the Human Nervous System	20	20		6		
Or							
BMS3020	Chronic Disease	20	20		6		

List C:

Code	Descriptive title	Total Credits	Credits Sem 1	Credits Sem 2	Level	Type	Mode
BMS3017	Clinical Ageing and Health	20	20		6		
Or							
BGM3039	Medical Biotechnology	20	20		6		
Or							
MIC3046	Microbiota and pathogens: Mucosal Microbiota, Protozoa and Fungi	20	20		6		

(d) All candidates shall take one optional module from the following list:

<i>Code</i>	<i>Descriptive title</i>	<i>Total Credits</i>	<i>Credits Sem 1</i>	<i>Credits Sem 2</i>	<i>Level</i>	<i>Type</i>	<i>Mode</i>
BMS3007	Research in Biomedical Sciences	10	10		6		
BMS3003	Business Enterprise for the Bioscientist	10	10		6		
BMS3015	Healthcare Organisation and Practice	10	10		6		
BMS3016	Science Communication	10	10		6		
BMS3022	Bioethics	10	10		6		
BMS3025	Bioinformatics	10	10		6		

2. Assessment Methods

Details of the assessment pattern for each module are explained in the module outline.

3. Degree classification

- (a) BSc candidates will be assessed for degree classification on the basis of all the modules taken at Stages 2 and 3 with the weighting of the stages being 1:2 for Stage 2 and Stage 3 respectively.
- (b) Exit velocity will not be used: the stages are already weighted (1:2 for BSc degrees).
- (c) Performance in individual modules will not be used for promotion.
- (d) A BSc candidate will be promoted if their final weighted average lies within 1% of the borderline (after rounding) **AND** 50% or more of the module credits are in the higher degree class(es) at **both** Stage 2 and Stage 3, with no more than 40 module credits in classes two or more below the proposed final class.
- (e) In accordance with university regulations, a BSc candidate with a weighted average up to 2% below a classification borderline will be **considered** (with any special circumstances being noted) by the Board for promotion to the higher degree classification by use of discretion. Note however that a requirement to *consider* using discretion is not a requirement to use discretion.