

Programme Regulations 2024/25

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 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.*
- (vi) *All modules are delivered in Linear mode unless stated otherwise as Block, eLearning or distance learning.*
- (vii) *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.*
- (viii) *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:

Code	Descriptive title	Total Credits	Credits Sem 1	Credits Sem 2	Level	Type	Mode
BMN1001	Biochemistry	15	15		4	Core	
BMN1002	Cell Biology	15	15		4	Core	
BMN1003	Genetics	15	15		4	Core	
BMN1011*	Professional and Practical Skills for Bioscientists	30	15	15	4	Core	
BMN1005	Microbiology and Immunology	15		15	4	Core	
BMN1006	Pharmacology	15		15	4	Core	
BMN1007	Physiology	15		15	4	Core	

In order to pass BMN1011 candidates must achieve an overall module mark of at least 40%, a mark of at least 40% in Essay 2 and in the Practical lab report 2, and achieve a pass in the Practical Skills Test.

If a candidate achieves an overall module mark which is below 40%, despite all Semester 2 assessments being passed, the candidate will fail the module and will be required to complete a resit assessment. The resit will be determined by the Board of Examiners.

If a candidate achieves an overall module mark of 40% or more but does not achieve 40% or more in all Semester 2 assessments, the candidate will fail the module and will be required to resit the failed Semester 2 assessments.

All candidates must demonstrate competency by passing the practical skills assessment integrated throughout the modules. Opportunities to pass the assessment will be provided during Stage 1 of the programme and candidates must pass the assessment prior to progressing to Stage 2.

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							
BMS3017	Clinical Ageing and Health	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
BMS3023	Epidemiology	20	20		6		
Or							
BGM3039	Medical Biotechnology	20	20		6		
Or							
MIC3046	Microbiota and Pathogens	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	Health and Illness: Professional and Societal Perspectives	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.