

## Programme Regulation: May 2026 & September 2026 Entry

### Programme Title: Foundation in Science

#### Programme Codes:

**1925U – May 2026 Entry**

**1493U – September 2026 Entry**

#### Notes

- (i) *This programme is offered at Newcastle University Medicine Malaysia (NUMed).*
- (ii) *These programme regulations should be read in conjunction with the University's Taught Programme Regulations.*
- (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) *Students will be required to comply with current MoH and Malaysian Government Guidance in relation to vaccination requirements.*

#### 1. Programme Structure

- (a) The programme is available for study in full-time mode and comprises modules to the value of 180 credits. The period of study is one year starting in either May or September.
- (b) The Semester schedule is as follows:

May intake 2026

**Semester 1: 11<sup>th</sup> May 2026 – 14<sup>th</sup> August 2026**

**Semester 2: 21<sup>st</sup> Sept 2026 – 15<sup>th</sup> January 2027**

**Semester 3: 18<sup>th</sup> January 2027 – 23<sup>rd</sup> April 2027**

September intake 2026

**Semester 1: 21<sup>st</sup> Sept 2026 – 15<sup>th</sup> January 2027**

**Semester 2: 18<sup>th</sup> January 2027 – 23<sup>rd</sup> April 2027**

**Semester 3: 10<sup>th</sup> May 2027 – 13<sup>th</sup> August 2027**

## May intake: 2026

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

<i>Module Code</i>	<i>Descriptive title</i>	<i>Total Credits</i>	<i>Credits Sem 1</i>	<i>Credits Sem 2</i>	<i>Credits Sem 3</i>	<i>Level</i>	<i>Type for Biological /Biomedical &amp; Medical Sciences Pathways</i>	<i>Type for Data Science Pathway</i>	<i>Mode</i>
BBF0006	English for Academic Purposes	40	20	10	10	3	Core	Core	
BBF0008	Study Skills and ICT for Science and Medicine	20	10	10		3			
BBF0005	Foundation Mathematics and Statistics	20	10	10		3			
BBF0007	Foundation Medical Studies	20			20	3	Core		
BBF0004	Foundation Physics	20			20	3	Core		

(d) Candidates on the Biological/Biomedical pathway or Medical Sciences pathway shall take the following compulsory modules:

<i>Module Code</i>	<i>Descriptive title</i>	<i>Total Credits</i>	<i>Credits Sem 1</i>	<i>Credits Sem 2</i>	<i>Credits Sem 3</i>	<i>Level</i>	<i>Type for Biological/ Biomedical &amp; Medical Sciences Pathways</i>	<i>Mode</i>
BBBF001	Foundation Biology 1	20	10	10		3	Core	
BBF0002	Foundation Biology 2	20		10	10	3	Core	
BBF0003	Foundation Chemistry	20	10	10		3	Core	

(e) Candidates on the Data Science pathway shall take the following compulsory modules:

<i>Module Code</i>	<i>Descriptive title</i>	<i>Total Credits</i>	<i>Credits Sem 1</i>	<i>Credits Sem 2</i>	<i>Credits Sem 3</i>	<i>Level</i>	<i>Type for Data Science Pathway</i>	<i>Mode</i>
BBF0021	Core Mathematics A	20	10	10			Core	
BBF0022	Core Mathematics B	20		10	10		Core	
BBF0023	Foundation Computing	20	10	10			Core	

## September intake: 2026

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

<i>Module Code</i>	<i>Descriptive title</i>	<i>Total Credits</i>	<i>Credits Sem 1</i>	<i>Credits Sem 2</i>	<i>Credits Sem 3</i>	<i>Level</i>	<i>Type for Biological/ Biomedical &amp; Medical Sciences Pathways</i>	<i>Type for Data Science Pathway</i>	<i>Mode</i>
BBF0016	English for Academic Purposes	40	20	10	10	3	Core	Core	
BBF0018	Study Skills and ICT for Science and Medicine	20	10	10		3			
BBF0015	Foundation Mathematics and Statistics	20	10	10		3			
BBF0017	Foundation Medical Studies	20			20	3	Core		
BBF0014	Foundation Physics	20			20	3	Core		

(g) Candidates on the Biological/Biomedical pathway or Medical Sciences pathway shall take the following compulsory modules:

<i>Module Code</i>	<i>Descriptive title</i>	<i>Total Credits</i>	<i>Credits Sem 1</i>	<i>Credits Sem 2</i>	<i>Credits Sem 3</i>	<i>Level</i>	<i>Type for Biological/ Biomedical &amp; Medical Sciences Pathways</i>	<i>Mode</i>
BBF0011	Foundation Biology 1	20	10	10		3	Core	
BBF0012	Foundation Biology 2	20		10	10	3	Core	
BBF0013	Foundation Chemistry	20	10	10		3	Core	

(h) Candidates on the Data Science pathway shall take the following compulsory modules:

<i>Module Code</i>	<i>Descriptive title</i>	<i>Total Credits</i>	<i>Credits Sem 1</i>	<i>Credits Sem 2</i>	<i>Credits Sem 3</i>	<i>Level</i>	<i>Type for Data Science Pathway</i>	<i>Mode</i>
BBF0031	Core Mathematics A	20	10	10			Core	
BBF0032	Core Mathematics B	20		10	10		Core	
BBF0033	Foundation Computing	20	10	10			Core	

## **2. Assessment methods**

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

## **3. Assessment and Progression**

- (a) The marking scale used for the academic modules will be as follows:

80%+ Outstanding  
70-79% Excellent  
60-69% Very good  
50-59% Good  
40-49% Pass  
< 40% Fail

- (b) English for Academic Purposes modules are internally assessed, using Newcastle's English Language Proficiency Scale (and benchmarked against CEFR and IELTS). Modules will be marked on a 0-90 scale with 50 being comparable to IELTS 5.0, 60 comparable to IELTS 6.0, 65 comparable to IELTS 6.5, etc. The pass mark for the English for Academic Purposes module is 60.

## **4. Award of the Foundation Award**

- (a) Satisfactory completion of the Foundation in Science programme for the award requires that:
- (i) The average mark over all academic modules, taking due account of the credit value, is not less than 40;
  - (ii) No single mark for any academic module is below 35;
  - (iii) Marks of less than 35-39 may be compensated in academic modules, provided the total credit value of these modules does not exceed 40;
  - (iv) The average mark for English for Academic Purposes is not less than 60 (comparable to IELTS 6.0) with no subskill (reading, writing, listening and speaking) below 55 (comparable to IELTS 5.5).
  - (v) No compensation for English for Academic Purposes or any other core module is permitted.
- (b) Candidates successfully completing the award are not guaranteed progression to a Newcastle University degree programme – details of progression requirements are provided in Section 6.
- (c) A candidate who fails a module will be able to have one further attempt to achieve a pass for that module. Candidates will not be permitted to proceed to a degree programme at NUMed or Newcastle University carrying a failure in any module unless agreed by the Degree Programme Director of that programme. Further to the University regulations relating to the timing of reassessments, assessments may take place before the August/September period on the recommendation of interim Board of Examiners.

## **5. Exemptions to the University's Taught Programme Regulations**

### **(a) Module Start and End Dates**

The Foundation in Science has an exemption from the University's Taught Programme Regulations in relation to modular start and end dates, approved by the Faculty Education Committee.

### **(b) In the event of any inconsistency between the programme and University regulations in relation to the above, the programme regulations take precedence over the University regulations. Further guidance is contained in the Programme Handbook available on the VLE.**

## **6. Progression to Newcastle University degree programmes**

### **(a) Successful completion of the Foundation award does not guarantee progression. Performance higher than a basic pass (in both academic modules and English for Academic Purposes) will be required for entry into Newcastle University degree programmes as specified in the progression requirements overleaf.**

(b) This programme leads to the following degrees at Newcastle University Medicine Malaysia

Title	Award	EAP (English for Academic Purposes)	Compulsory	Overall Average Grade
<b>Medicine at NUMed</b>	MBBS	70%	Biology 1 & 2 (75%) Chemistry (75%) Foundation Medical Studies (70%) (progression to medicine is subject to a satisfactory interview and is not guaranteed)	75%
<b>Biomedical Sciences</b>	BSc (Hons)	65%	Biology 1 & 2 (70%) Chemistry (55%)	65%

(c) This programme leads to a range of degrees at Newcastle University including:

Title	Award	EAP (English for Academic Purposes)	Maths	Compulsory	Overall Average Grade
<b>Data Science</b>	BSc (Hons)	70%	70%	Core Mathematics A (70%) Core Mathematics B (70%) Foundation Mathematics & Statistics (70%)	70%
<b>Medicine</b>	MBBS	70%		Biology 1 & 2 (75%) Chemistry (75%) Foundation Medical Studies (70%) (progression to medicine is subject to a satisfactory interview and is not guaranteed)	75%
<b>Biochemistry</b>	BSc (Hons)	65%	55%	Biology 1 & 2 (70%) Chemistry (55%)	65%
<b>Biomedical Sciences</b>	BSc (Hons)	65%	55%	Biology 1 & 2 (70%)	65%

				Chemistry (55%)	
<b>Biomedical Sciences (Integrated Masters)</b>	MSci (Hons)	65%	55%	Biology 1 & 2 (70%) Chemistry (55%)	65%
<b>Biochemistry (Integrated Masters)</b>	MSci (Hons)	65%	55%	Biology 1 & 2 (70%) Chemistry (55%)	65%
<b>Human Nutrition</b>	BSc (Hons)	65%	55%	Biology 1 & 2 (65%) Chemistry (55%)	65%
<b>Sports and Exercise Science</b>	BSc (Hons)	65%	55%	Biology 1 & 2 (70%) Chemistry (55%)	65%
<b>Pharmacy</b>	MPharm (Hons)	65%	55%	Biology 1 and 2 (60%) Chemistry (70%)	65%
<b>Chemistry Programmes</b>	BSc (Hons)	65%		Chemistry (65%)	60%
<b>Chemistry Programmes</b>	MChem (Hons)	65%		Chemistry (65%)	65%
<b>Psychology</b>	BSc (Hons)	65% (with 65% in all elements if broken down)	70%	Biology 1 (65%) Biology 2 (65%)	65%
<b>Agri- Business Management</b>	BSc (Hons)	65%	50%		65%
<b>Agriculture</b>	BSc (Hons)	65%	50%	Chemistry (50%) Biology 2 (55%)	65%
<b>Animal Science</b>	BSc (Hons)	65%	50%	Chemistry (50%) Biology 1 (60%) Biology 2 (60%)	65%
<b>Environmental Science</b>	BSc (Hons)	65%	55%	Chemistry (50%) Biology 1 (55%)	65%
<b>Marine Biology/Marine Biology with Oceanography/Marine Zoology</b>	BSc (Hons)	65%	55%	Chemistry (55%) Biology 1 (60%)	60%
<b>Biology</b>	BSc (Hons)	65%		Biology 1 and 2 (65%) Chemistry 55%	65%
<b>Speech and Language Sciences*</b>	BSc (Hons)	65%		Biology 1 and 2 (65%) Chemistry 55%	65%

**NOTE:** \* Speech and Language Sciences only takes 2 international students a year and only makes 6 offers therefore there is no guaranteed progression to this programme. Students must apply through UCAS.