



**Newcastle  
University**  
Medicine Malaysia

DULN005(J)

# Bachelor of Medicine, Bachelor of Surgery (MBBS)

KPT/JPT/(R/721/6/0046)02/2019

September 2019 Intake



FUTURE  
**NUMED**

# Welcome from the Provost



Thank you for considering Newcastle University Medicine Malaysia (NUMed) as you contemplate your options for your future medical education.

Newcastle University is a top-20 UK university with a global reputation for academic excellence. We established NUMed as a full-owned international branch campus in 2009, and have already produced over 400 graduates.

The five-year MBBS programme (R/721/6/0046) delivered at NUMed is equivalent to the medical programme offered at Newcastle's UK campus, and leads to the award of the degrees by Newcastle University, UK. By choosing to study medicine at NUMed, you will obtain a UK medical qualification, from an internationally recognised British university, right here in Malaysia. Upon successful completion of the programme you will be eligible for provisional registration as a doctor with both the UK General Medical Council (GMC) and the Malaysian Medical Council (MMC).

We invite you to study with us and hope that this brochure provides you with all the information you need to make your choice. I look forward to having the opportunity of welcoming you to NUMed.

**Professor Chris Baldwin**  
Provost and Chief Executive Officer



#### About the QS Stars™ System

The QS Stars™ rating system is operated by the QS Intelligence Unit, the independent compiler of the QS World University Rankings® since 2004. The system evaluates universities across a wide range of important performance indicators as set against pre-established international standards. By covering a broader range of criteria than any world ranking exercise, QS Stars™ shines a light on both the excellence and the diversity of the rated institution.

Find out more about:

**QS Stars™ system at**  
<https://www.topuniversities.com/qs-stars/qs-stars-methodology>

**QS Stars™ new university rating at**  
<https://www.topuniversities.com/qs-stars/qs-stars-new-university-rating>

Newcastle has become one of 18 universities in the world, and only two in the UK, to achieve five plus QS Stars from Quacquarelli Symonds (QS), the first international assessment of its kind. More than 150 universities in over 35 countries have now signed up for the QS Stars™ rating system.

We are proud to have been awarded five stars in the following areas:

- Teaching
- Student Employability
- Research
- Internationalisation
- Facilities
- Innovation
- Inclusiveness
- Life Sciences & Medicine

The QS Stars™ system is a useful alternative to traditional league tables. It allows you to focus on Newcastle's excellence against set criteria irrespective of the performance of other universities.





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# Newcastle University and Medicine

Newcastle University, UK, is a modern university with a rich tradition of scholarship, a proud record of service and a truly global alumni network. The reputation and popularity of the university is backed by the high-quality teaching and learning experience and the research opportunities available to all students. A Russell Group University consistently ranked in the top 20 in the UK for research power and student experience, Newcastle is the first UK university to establish a fully owned international branch campus for medicine in Malaysia.

While Newcastle University Medicine Malaysia (NUMed) was only established in 2009, the history and heritage of the university in the UK dates back to 1834, when a School of Medicine and Surgery was first established in the city of Newcastle upon Tyne. Since the earliest days, Newcastle University Medical School has enjoyed a reputation for innovation and excellence, and our MBBS programme is consistently one of the most highly regarded courses in the UK. As a testament to the quality of the programme, in 2015, Newcastle University was confirmed as one of the leading universities for medicine in the world by the Leiden Ranking – a highly respected international ranking of research performance – which placed our Faculty of Medical Sciences in the top 50 in the world for biomedical and health sciences.

We rank among the best British universities for medicine:



5<sup>th</sup> in the UK

The Guardian University Guide 2019



Medicine category

QS World University Rankings by Subject 2018



7<sup>th</sup> in the UK

The Times/Sunday Times Good University Guide 2018



9<sup>th</sup> in the UK

Research Excellence Framework 2014 (Clinical Medicine category)



Clinical, Pre-clinical and Health category

Times Higher Education World University Rankings by Subject 2018



Overall Student Satisfaction Score

National Student Survey 2017 (Subjects Allied to Medicine category)



# Undergraduate Medicine

## Studying Medicine at NUMed

NUMed's goal is to produce graduates who are fit to practise as doctors in accordance with the professional standards set by both the UK General Medical Council (GMC) and Malaysian Medical Council (MMC). Newcastle University's purpose is to deliver in Malaysia an educational experience of sufficient range, depth and rigour to provide you with the knowledge, understanding, practical skills, competencies and professional attitudes required for you to enter your first experience of clinical practice as a pre-registration house officer and upon which you will build in the development of your future career.

The Medicine and Surgery MBBS Honours programme is a fully integrated five-year undergraduate medical course delivered at the custom-built 13-acre NUMed campus in Iskandar Puteri, Johor. Newcastle University's Malaysia campus is part of the EduCity international higher education hub in the Iskandar Malaysia development corridor, with clinical studies centred in the Hospital Sultan Ismail and other government hospitals and community clinics in and around Johor Bahru.

The course you will study is equivalent to the one delivered at our Medical School in the UK, and following successful completion of the programme, you will be awarded the degrees Bachelor of Medicine and Bachelor of Surgery (MBBS) by Newcastle University, UK.

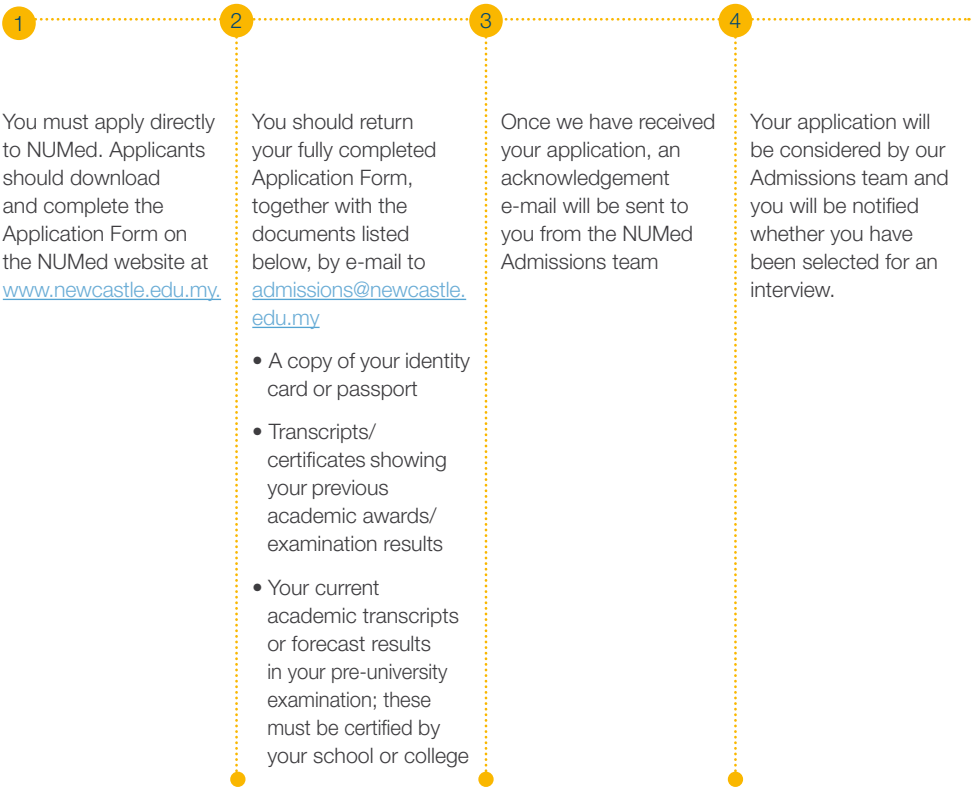
While all five years of the MBBS programme are delivered in Malaysia, there are opportunities during the second and fourth year of the course to study for some time at our Medical School in the UK. In addition, you may also have the opportunity of studying for an extra year in the UK for an intercalated research qualification at either the Bachelors or Masters level. See later in this brochure for more details.



# How to Apply – Entry Requirements and Fees

NUMed has only one intake each year, which is in September. Application for our September 2019 intake is now open and free.

If you already meet the entry requirements (see the ‘Entry Requirements’ section later in this brochure) or have forecast results that meet the requirements by mid-August 2019, then you should apply now using the following procedure:



**The date of registration for enrolment in 2019 is tentatively Tuesday, 17<sup>th</sup> September 2019.**

## Malaysian applicants:

While there is no formal closing date for the receipt of applications, you are encouraged to apply early as the number of applications is high and the number of places available is limited.

## International applicants:

The closing date for receipt of international applicants is 30<sup>th</sup> June 2019. This is to give us enough time to assist you in obtaining your student visa.

## Fees

The overall cost of obtaining Newcastle University medical degrees in Malaysia is lower than the cost of obtaining the same degrees in the UK.

A single inclusive fee is charged to cover the costs of tuition, library, laboratory, placement, examination and administration fees, as well as all other academic-related charges.

There are no hidden additional fees.

FEES 2019 – 2020	
Malaysian Students	RM95,000 per annum, for each of the five years of the programme
International Students	RM110,000 per annum, for each of the five years of the programme

You should note that the fees do not include the cost of living and accommodation in Malaysia. Students studying our Foundation in Biological and Biomedical Sciences programme are strongly advised to stay at the NUMed-managed student accommodation. You will be advised on how to book this once you have been offered a place on the programme.

## Financial Assistance

### External Sponsorship

For eligible Malaysian students, the NUMed MBBS programme (R/721/6/0046) is recognised for sponsorship and student loans by:

- MARA
- JPA
- PTPTN
- Yayasan Khazanah (Watan Scholarship)
- Hong Leong Foundation

Please visit our website at <https://www.ncl.ac.uk/numed/> for further information on other sponsorship bodies which may consider supporting your studies.

### The Vice Chancellor’s NUMed Merit Awards

Each year, progression awards are awarded to our students who have achieved academic distinction in their previous year of study. Each award is for one year and is equivalent in value to 10% of the annual fee.

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Each year, progression awards are awarded to our students who have achieved academic distinction

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## Entry Requirements

To enter NUMed, applicants must satisfy the academic, English language proficiency and age requirements of the university.

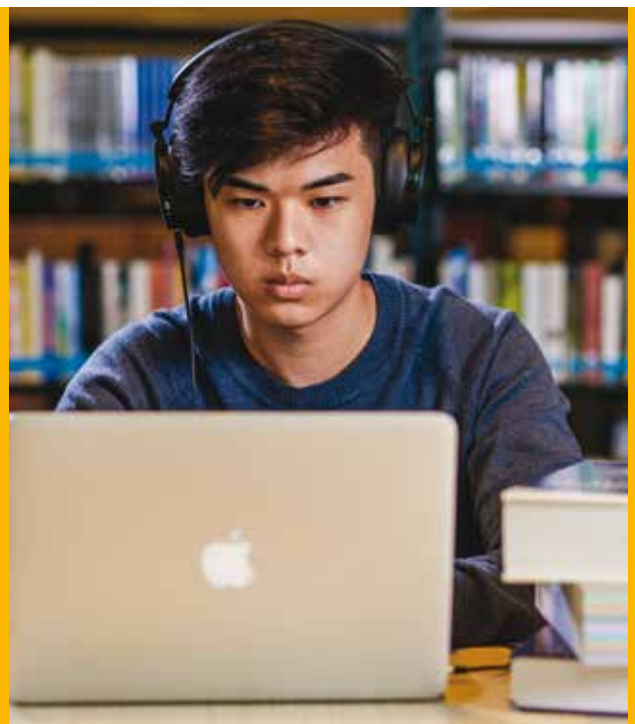
Students who have completed SPM, O-Levels or equivalent programmes must first complete a recognised pre-university qualification as a basic requirement for entry to an undergraduate degree at NUMed.

NUMed has introduced a Foundation in Biological and Biomedical Sciences (N/010/3/0361). Students who successfully complete this 12-month programme to the required level will automatically be offered a place on either our MBBS programme (subject to interview) or our BSc (Honours) Biomedical Sciences programme. To qualify for admission to the MBBS programme, you must achieve CGPA of 3.50 and average grades of 75% with 70% in English for Academic Purposes, 75% in Biology 1, Biology 2 and Chemistry and 70% in Foundation Medical Studies. For the BSc (Honours) Biomedical Sciences programme, you must have achieved a CGPA of 3.00 and average grades of 65% with 65% in English for Academic Purposes, 70% in Biology 1 and Biology 2, and 55% in Chemistry.

You are encouraged to visit the NUMed website at <https://www.ncl.ac.uk/numed/study/undergraduate/foundation/#courseoverview> for further information.

Selection of students for the MBBS programme will be based on a combination of your:

- pre-university examination results (or forecast results)
- performance in the Medical Student Interview
- proficiency in English



### Pre-University Examinations and Grades

We recognise that applicants will possess a range of qualifications. While we consider each applicant on an individual basis, taking into account the information you provide in your application including your past academic performance and potential, you need to demonstrate a high level of academic achievement and excellent results in your pre-university examinations.

Kindly note that the pre-university qualifications you use for your application should include the science subjects Biology, Chemistry, and Physics or Mathematics at a level equivalent to A-Levels, IB Diploma or STPM.

The examination grade requirements given in the table below are indicative only:

EXAMINATIONS	REQUIREMENTS/GRADES
A-Levels	<p>Normally 15 points (AAA) at A2 Level (A=5; B=4; C=3; D=2; E=1)</p> <p>Normally we take the three highest 'A' Level grades offered, however further consideration may be given for additional academic achievements.</p> <p>We do not accept General Studies or Critical Thinking as A2 Level entry qualifications.</p>
IB Diploma	<p>Normally 37 points including the additional points available for the Theory of Knowledge/Extended Essay. No core subjects should be graded lower than grade 4.</p>
STPM	<p>Normally 12 points (AAA) based upon the total of the best three SGP scores in the required science subjects. Further consideration may be given for additional academic achievements.</p>
UEC	<p>A score of 2 based on the average of the following subjects: Biology, Chemistry, Physics, Advanced Mathematics I and Advanced Mathematics II, with none of these subjects achieving less than B4.</p> <p>(A1 = 1; A2 = 2; B3 = 3; B4 = 4; B5 = 5; B6 = 6; C7 = 7; C8 = 8)</p>
Matriculation	<p>CGPA of 4.00, including the required science subjects.</p>
Australian Year 12 (ATAR)	<p>Based on ATAR score of 90 as reflected on the transcript, including the required science subjects.</p>
CPU, CIMP, Ontario Grade 12	<p>86%, based on the average of six best Grade 12 subjects, including the required science subjects.</p>





Sri Lanka A-Levels	<p>Normally 15 points (AAA) at Sri Lanka A-Levels (A=5; B=4; C=3; D=2; E=1).</p> <p>Normally we take the three highest 'A' level grades offered in the required science subjects, however further consideration maybe given for additional academic achievements.</p>
All India Senior School Certificate	85%, based on the average of the four best academic subjects, including the required science subjects with 80% in Biology and Chemistry.
Indian School Certificate	85%, based on the average of the four best academic subjects, including the required science subjects with 80% in Biology and Chemistry.
Indonesia UNIPREP/UNSW	CGPA of 9.00 as shown on transcript, including the required science subjects.
Foundation in Science	<p>NUMed Foundation in Biological and Biomedical Sciences, with a minimum CGPA of 3.50.</p> <p>Monash University Foundation Year score of 340 or above.</p> <p>Additionally, a minimum CGPA of 3.75 for foundation in science programmes of at least a 12-month duration from other colleges and universities will be considered on a case-by-case basis.</p>
American Advanced Placement (AP)	American AP with 3 subjects, i.e. Biology, Chemistry and Physics or Mathematics, scoring 5 points (3x5=15) or Grade A. These subjects must be taken at Grade 12 level and above.
Degree	Graduate applications from candidates with a scientific background will be considered. Applicants must have achieved, or expect to achieve, at least an upper second class honours degree (or equivalent).

Applicants with qualifications other than those listed should e-mail [admissions@newcastle.edu.my](mailto:admissions@newcastle.edu.my) to check if their qualifications are acceptable or not.

If you accept an offer from NUMed, you must provide us with original or certified copies of your qualification documents prior to commencing the course.

Please note that a UKCAT result is not currently required for entry to NUMed.



You must be proficient in both spoken and written English. You can demonstrate this through the IELTS test or equivalent (e.g. MUET). An IELTS minimum overall score of 7 (or MUET 4), with no individual band less than 6.5, must be achieved.

Your proficiency in English will be judged further at the Medical Student interview.



You should be at least 18 years old at the time of enrolment (i.e. Tuesday, 17th September 2019) or shortly thereafter.



You will be required to comply with both the minimum health requirements determined by the Malaysian Medical Council and those of the NUMed Immunisation and Infection Risk Policy.

Immunity against the following is required: Heaf/BCG, Meningitis (Quadrivalent), Hepatitis B, Polio, Measles, MMR/Rubella, Varicella (Chicken Pox), Diphtheria, Tetanus, and other (if any).

All applicants who accept an offer from NUMed are required to complete an Occupational Health Questionnaire, and shortly after enrolment you will be required to undergo a medical and occupational health check (paid for by NUMed). This will include any required immunisations you do not currently have and screening you for blood-borne viruses. You will be asked to declare any serious physical or mental illness or disability and/or serious communicable disease which may impact upon your future practice. Failure to disclose such information may be grounds for discontinuation of your studies if health problems come to light which were not declared at the time of application.



All potential medical students are required to disclose at the time of application whether they have any criminal record which may deem them unsuitable to study or practise medicine. You are invited to discuss with NUMed the relevance of any caution or conviction you may have received at the time of application.

We reserve the right to withdraw an offer if an applicant does not declare any relevant caution or conviction in their application. Also, NUMed reserves the right to discontinue a student's studies if evidence of criminal activity comes to light during the course of their studies.

If you wish to undertake any component of your study in the UK, you will be required to undertake a UK Criminal Records Bureau (CRB) enhanced disclosure check to ensure you are 'fit to practise'. The University School reserves the right to refuse you the opportunity to study in the UK on receipt of an unsatisfactory disclosure (see <http://www.ncl.ac.uk/sme/study/undergraduate/content/electives/> for further information).

### Special Consideration/Disadvantage

Any statement regarding circumstances which may have seriously impaired your studies in the final year of your pre-university education that you may wish to put forward for special consideration must be submitted at the time of application. You should note that NUMed will not give special consideration to such statements made at a later time.

### Transfer

Please note that there is no opportunity to transfer your enrolment from the Newcastle MBBS programme delivered in Malaysia to the equivalent course delivered at our campus in the UK.

Except in very exceptional circumstances, NUMed does not accept students applying for credit transfer from other medical schools or other degree programmes.

### Deferment

If you are accepted onto the programme but wish to defer your place until 2020, please let us know at the interview.

No applications for deferment will be accepted after 30th June 2019. A deposit will be required for your deferment to be accepted.

### International Applicants

While the Newcastle University medical degrees offered at NUMed are principally to cater for the Malaysian market, applications from non-Malaysian citizens are welcomed.

However, applicants from non-Malaysian citizens for entry to the NUMed MBBS programme should carefully read the information provided in the MBBS segment of 'Study With Us – International Students' at [www.newcastle.edu.my](http://www.newcastle.edu.my).

Please note that citizens of the UK or other countries of the EC are not eligible for the MBBS programme at NUMed. These applicants should apply through the UK UCAS system for a place at our UK campus.

It is a requirement that all international students receive approval from the Malaysian Immigration Department and a Student Pass. Applications for the Student Pass will be managed by NUMed. Please note that it is the prerogative of the Malaysian Immigration Department and the Ministry of Higher Education to approve or reject any visa application.





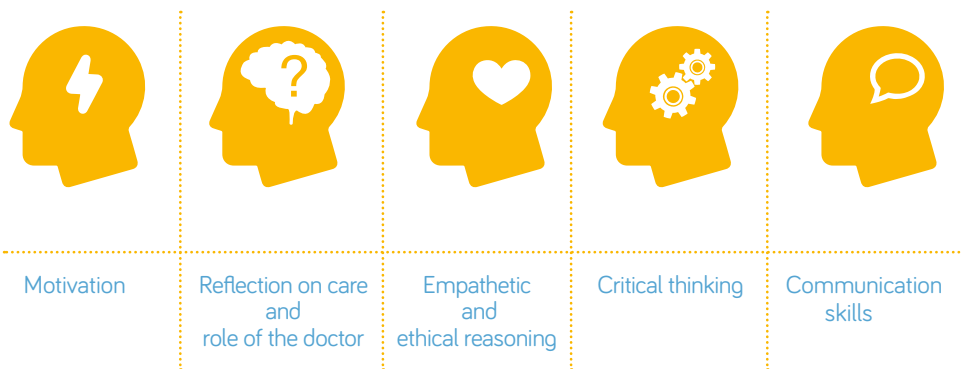
## The Medical Student Interview

Once we have considered your application and you are pre-selected, you will be invited to attend an interview.

Interviews will be conducted from December 2018.

Interviews will be held at the NUMed campus in Johor and in other centres within Malaysia, including Kuala Lumpur and East Malaysia. In certain circumstances, we can arrange for you to be interviewed elsewhere. The interview, conducted by two trained selectors, will last approximately 30 minutes. The interview format is designed to confirm whether you have the aptitude, motivation and personal qualities to succeed as a medical student in NUMed and as a potential doctor of the future.

At the conclusion of the interview, each selector will grade your performance and complete an assessment form. These grades are used as the basis for the final decision to offer you a place on the programme. At the interview you will be assessed and graded under the following main categories:



Selectors will expect you to show some insight into your personal attributes, the learning that has resulted from your previous experiences and an understanding of the relevance of these factors to a career in medicine.

You will be informed of the outcome of your interview and whether you will be offered a place to study medicine at NUMed within one week of your interview.



## Accepting an Offer

Once you receive an offer of a place on the MBBS programme you must follow the instructions below to confirm your place:

1

### Accepting your offer

To accept your offer, please complete the Offer Acceptance form sent along with your offer letter, and return it by e-mail to [admissions@newcastle.edu.my](mailto:admissions@newcastle.edu.my) by the date stipulated in your offer letter.

2

### Confirmation of your acceptance

Upon receipt of your completed Offer Acceptance form, the NUMed Admissions team will send you an e-mail confirming your acceptance, together with instructions for the payment of a deposit to secure your place.

3

### Paying your deposit

Once you have accepted our offer, to secure your place, you will be required to pay a deposit of RM20,000, which will be deducted from your first year's fees.

If you are being sponsored to study the MBBS programme at NUMed, you will need to supply us with a letter from your sponsor in order for us to waive the deposit.

Payment must be made by the date stipulated in your original offer letter. An official receipt will be issued to you once we have received the payment.

If you have already completed your pre-university studies and your examination results meet our academic requirements for entry, your offer will be unconditional, and the deposit will be non-refundable.

If you are still studying for your pre-university examinations, your offer will be conditional upon you achieving the required grades/results set out in your offer letter. If you do not meet the conditions of the offer, your deposit will be refunded. However, if you have accepted our offer and meet our conditions but decide later not to study at NUMed, your deposit will not be refunded.

4

### Next steps

Once we have received your deposit, we will send you Student Accommodation information. You will receive our Welcome Pack and information on enrolment and induction in August 2019.

# The Newcastle MBBS Course Delivered at NUMed

## An Integrated Approach

Medicine is concerned with the training of knowledgeable, caring, competent and skilful professionals, who understand health and disease. The Newcastle curriculum is designed to provide a general medical education for all types of doctors and a foundation for your career specialisation later. Our integrated approach sweeps away the traditional divide between pre-clinical and clinical training, and focuses from the outset on the development of your clinical competence and understanding.

From the beginning, your teaching is structured through interdisciplinary clinical cases. Your learning is hands on. There is an emphasis on critical thinking and the development of your powers of clinical reasoning. You are expected to take responsibility for your own learning, with your teachers acting as guides to support and facilitate the process. Throughout the programme, supervised study projects introduce you to clinical research methods and allow you to study topics of your own choice in depth. You will also develop the key skills of communication, information handling, reflective practice and decision making, and the appropriate attitudes required for professional practice as a doctor.

Main themes and topics taught over the 5 years of the Newcastle MBBS degree	
Year 1	Essentials of Medical Practice
Year 2	
Year 3	Clinically-based Practice
Year 4	Complexity in Clinical Practice
Year 5	Transition to Medical Practitioner

## Outline of the 5-year MBBS Programme

### Years 1 and 2

The first two years of the MBBS programme are delivered through a mixed case-based approach and early clinical and community experience. Teaching is integrated and the context of what you are taught is given by relating everything back to clinically relevant cases. During Years 1 and 2, you learn about abnormal and normal structures and functions of the major body systems.

Our approach is interdisciplinary and contributions come from a variety of basic and medical science disciplines. Clinical relevance is emphasised throughout.

### In Years 1 and 2 you will cover the following topics:

Ageing	Gastrointestinal System	Pathology
Cardiovascular System	Haematology	Pharmacology and Therapeutics
Cell and Molecular Biology	Human Anatomy	Professionalism
Clinical Reasoning	Human Physiology	Renal System
Examination Skills	Infectious Diseases	Research Principles
Communication	Metabolism	Respiratory System
Endocrinology	Neuroscience	Social Medicine
Ethics	Nutrition	

People as ‘patients’ play an active role in Years 1 and 2, and you come into contact with them from the very beginning through links with community-based medical practitioners.

Your early clinical experience is gained through regular clinical skills teaching in the laboratory, and hospital and community visits.

## Years 3, 4 and 5

Throughout Years 3, 4 and 5, you undertake your clinical learning in the government hospitals and community clinics of the state of Johor. These will include Hospital Sultan Ismail, Hospital Sultanah Aminah, Hospital Permai, Hospital Sultanah Nora Ismail (Batu Pahat), Hospital Enche' Besar Hajjah Kalsom (Kluang), Klinik Kesihatan Gelang Patah, Klinik Kesihatan Taman Universiti and Klinik Kesihatan Sultan Ismail.

In Semester 1 of Year 3, you will undertake a clinical rotation that focuses on an introduction to clinical practice. This leads to a period of assistantships in medicine, surgery and primary care where you will be embedded as part of a clinical team. In Semester 2, you will undertake a series of clinical placements in mental health, child and adolescent health, and women's health. Year 3 will conclude with a four-week Student Selected Component (SSC), where you will undertake a supervised clinical placement covering a topic of your choice.

In Semester 1 of Year 4, you will undertake a 14-week block of study on clinical decision making.

The subjects covered in Semester 1 will cover all of the clinical sciences with a particular focus on investigative medicine. You will also undertake your second SSC of the curriculum. In Semester 2 you will undertake a number of core clinical rotations – these will take place in a variety of clinical and community settings. Year 4 finishes with the eight-week elective. The elective is an opportunity for you to experience medicine almost anywhere in the world. For many students, this is the highlight of their medical studies. The elective also provides an opportunity to undertake a period of study with our colleagues in the UK or elsewhere.

In Semester 1 of Year 5, you will revisit and enhance your skills and knowledge with clinical rotations in mental health, child and adolescent health, women's health and primary care. You will also undertake a course that prepares you for practice as a House Officer – this focuses on regulatory issues, advanced communication, prescribing and working under pressure. The course concludes with a 'finishing school' rotation in acute care and further assistantships in medicine, surgery and primary care.





Detailed Outline of Newcastle MBBS programme

Year 1	Case-based Study Early Clinical and Community Experience (48 weeks)
Year 2	Case-based Study Early Clinical and Community Experience (48 weeks) Transition to Clinically-based Practice (2 weeks)
Year 3	Integrated Medical Practice (12 weeks) Junior Assistantship Medicine/Surgery/Community (4 weeks) Integrated Medical Placements (3 x 6 weeks) Student Selected Component 1 (4 weeks)
Year 4	Clinical Decision Making and Student Selected Component 2 (14 weeks) Long-term Conditions (12 weeks) Surgical and Medical Placements (12 weeks) Elective (8 weeks)
Year 5	Integrated Medical Assistantships (5x3 weeks) Acute Care (10 weeks) Senior Assistantship Medicine/Surgery/Primary Care (6 weeks)



Intercalated Study

Highly motivated and able students enrolled on the five-year MBBS programme have the opportunity to step aside from their mainstream medical studies to intercalate for an additional one-year period of study which will take place in the UK. This opportunity may be particularly attractive if you wish to explore an area in greater depth and gain experience in research. The options include (but are not limited to):

- joining the third year of any of our BSc degrees in Biomedical and Biomolecular Sciences (normally after successful completion of Year 2 of MBBS); or
- undertaking a Master of Research or MPhil qualification (normally after the successful completion of either Year 3 or Year 4 of MBBS).

Following successful completion of the intercalated year of study, you will be awarded either a BSc Honours degree or a Master's degree, as appropriate, and return to the Malaysia campus to conclude the remainder of your MBBS programme.



## Teaching, Learning and Assessment

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### Teaching and Learning

The Medicine and Surgery MBBS Honours programme is delivered at NUMed under the authority of the Newcastle University Medical School, UK, and the teaching, learning and assessment are equivalent to that which students studying in the UK receive.

Our undergraduate programme is designed to develop the skills you will need to become an independent self-learner, and to prepare you for postgraduate study and a lifetime of medical learning. At first, our structured learning environment provides you with clearly defined goals and direction, and new material is introduced and explained to you by teachers who are skilled at delivering and explaining information to large groups of students.

However, as your experience and confidence develops and the programme progresses, our teaching and learning strategies encourage and ultimately require you to adopt increasing self-reliance and independence in your study and learning. It is therefore very important that you are highly motivated and a 'self-starter', able to complete tasks on time and benefit from the variety of learning opportunities offered.

While teaching in lectures and in a variety of clinical settings remains of essential importance, a variety of other innovative methods are carefully selected to match our particular educational objectives.

In the first two years, your timetable is planned in such a way as to ensure that you spend no more than 50% of your time in scheduled teaching sessions including the acquisition of early clinical skills.

The remainder of your time will be focused on self-directed learning and gaining early clinical experience. In Years 3-5, most of your time is committed to learning through clinical experience gained in hospital and community settings, and teaching takes place mainly in small groups.

You will be taught by experienced academic and clinical faculty, including staff trained both locally and overseas. 15% of our lecturers are seconded full-time from the Newcastle University Medical School in the UK, and others are alumni of Newcastle University. In addition to the full-time UK faculty, other experienced staff come from Newcastle as visiting lecturers to teach in specialised areas.

### Assessment

As you need to acquire not only a body of knowledge, but also the skills of analysis, problem solving and communication, we assess your progress in a variety of ways. The assessment process is designed to encourage and reward transfer of learning from one stage to the next, and equal emphasis is placed on in-course assessment and end-of-stage examinations. You will receive continuous feedback on your performance throughout the course.

## After You Qualify

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Upon successful completion of the entire programme you will be awarded the Bachelor of Medicine, Bachelor of Surgery (MBBS), Honours, which will be conferred by Newcastle University, UK.

The Newcastle University MBBS medical degrees awarded to NUMed graduates lead to professional recognition and are subject to the requirements of both the UK General Medical Council (GMC) and the Malaysian Medical Council (MMC).

After you graduate you will be eligible for provisional registration with both the GMC and MMC, and will have to complete a compulsory internship or housemanship. After successfully completing the compulsory period of housemanship training you will be eligible for full registration.

## Malaysian Graduates

### Housemanship and Registration

In order to gain full registration with the GMC and/or the MMC, you must undertake an internship as a pre-registration house officer in an approved clinical setting. Malaysian students will be able to have their pre-registration internship (two years) in a house officer post provided by the Malaysian government in a government hospital. After completing the housemanship period, you will be eligible for full registration in Malaysia. Note that Malaysian citizens will be required by the Ministry of Health to undertake a further two years of compulsory service after full registration.

In addition, if you wish to apply for full registration with the GMC, you would need to complete your pre-registration internship as described above at one of our approved hospitals for provisionally registered doctors and be awarded a Certificate of Experience by the university.

In the UK, the recognised programme for provisionally registered doctors is the first year of the Foundation Programme (F1) provided by the NHS Postgraduate Deaneries. Currently, applicants can apply to the UK under a Tier 2 visa, or a Tier 5 visa where applicable.

## International Graduates

### Housemanship

International graduates are very unlikely to obtain a pre-registration internship in Malaysia in a government hospital, and you should therefore ensure that your own country will offer you a house officer post after qualifying at NUMed. NUMed has an agreement, supported by the MMC, with the University of Malaya Medical Centre (UMMC), a university hospital, that allows international students to undertake UK (GMC) Foundation training for one year.

### Recognition of the MBBS degree outside Malaysia

Both NUMed and Newcastle University, UK, are listed in the World Directory of Medical Schools (<http://www.wdoms.org/>). NUMed's FAIMER School ID is: F0003188 and Newcastle University's UK campus School ID is: F000346.

There is currently specific recognition of NUMed by the Medical Councils of India, Sri Lanka and Thailand. Applicants from those countries are advised to register with the appropriate medical council before entering medical school.

While the Newcastle MBBS is recognised by most other countries, applicants from outside Malaysia are advised to check with their own individual national authorities if they wish to practise in their own country.

## Career Paths

Once you have successfully completed your pre-registration training, a period of supervised basic speciality training follows. Whichever career path you choose, all doctors must continue learning throughout their career, and our degree programme has been designed with this long-term aim in mind.

In Malaysia, once you have completed your housemanship and compulsory government service, you would be able to practise as a Medical Officer or progress to postgraduate study and qualification.

As an alumnus of NUMed and a Newcastle graduate, you are entitled to become a member of our Graduate Society and Newcastle's Alumni Association.

### Keeping You Up to Date

NUMed will keep you updated throughout the programme on how to plan for your future career in medicine, important deadlines in the house officer application process, and any changes that may occur in the registration or immigration regulations that may affect you.



## Student Life at NUMed

At the beginning you may find life at university a little daunting as you come to terms with the more independent life you will lead away from home. First, this is quite normal and you are not alone – others will feel the same! Making new friends and joining existing student social networks are great ways to help you embrace your new life. This section of our brochure is designed to provide you with some general and practical information that will help you to settle in.

### The Campus

The permanent, purpose-built NUMed campus is set within the EduCity Iskandar Malaysia development in Iskandar Puteri, Johor. This dedicated international higher education hub is located 1km east of the Gelang Patah Interchange on the main Second Link Expressway. The Second Crossing Bridge to Singapore is only 8km from the site, and the city of Johor Bahru, 25km to the east, is easily accessed via the newly opened Coastal Highway.

Singapore's Changi International Airport is a 45-minute drive away and we are just 20 minutes from Johor's Senai Airport.

Opened in 2011 by His Royal Highness Prince Andrew, the Duke of York, our 5.5-hectare secure campus is designed to replicate the look and feel of Newcastle, and comprises over 15,000m<sup>2</sup> of academic space housing state-of-the-art facilities and innovations in medical learning and teaching technology.

Our facilities include lecture and seminar rooms, a laboratory and clinical skills complex, the learning resource centre, and the student cafeteria and recreation centre.

The centrepiece of the campus, and at the heart of your learning, is the Learning Resource Centre. Constructed around the medical library facility, this innovative building is modelled on a number of emerging, groundbreaking facilities at other international worldclass higher education institutions. Spanning three floors, the largely

open-plan Centre provides you with a range of flexible learning spaces, supportive of different kinds of study, and a relaxing environment helpful to learning. These spaces include 'quiet zones' for self-directed study, study rooms for group work and other social learning areas, which you will be able to rearrange to suit your preferred style of study. More formal spaces are also included for practice presentations. There are two large IT clusters, and the entire campus has access to a high-speed wireless network. Our dedicated, custom-built Medical Learning Environment allows you online access to the entire curriculum and associated learning resources, whether you are on or off campus, as long as you have an internet connection.

The learning environment we provide here at NUMed goes beyond our excellent physical resources, for the framework of your learning is fully supported by the organisation and culture of Newcastle. A wide range of factors contributes to making NUMed an ideal place to study, including our institutional goals and the high value we attach to supporting your learning, the close relationships between you and the faculty, the individual attention you receive and the personal feedback we provide on your progress.

Overall we believe that NUMed provides you with a safe and secure environment, which encourages your learning, fosters collaboration, values the contribution of individuals and is based on mutual respect.



## Student Support and Guidance

Our strategy for your support and guidance is based on the provision of clear and timely information, academic guidance and individual tutorial support, backed by a comprehensive network of personal support ranging from peer mentors through to professional counsellors.

A staff member is allocated to you as your Academic Mentor to offer personalised academic guidance and pastoral support. From Year 2018-2019, a new voluntary Peer Mentoring scheme will be implemented for medical students under the new MBBS Programme curriculum. NUMed's Student Support Coordinator ensures that every aspect of support you may require whilst studying at NUMed is addressed rapidly and confidentially.

We take full advantage of our state-of-the-art communication and information technology to provide additional support throughout the learning process. NUMed's interactive electronic Medical Learning Environment is available to help you in

all aspects of your learning. This 'Environment' encompasses all programme documentation, electronic portfolios, student forums, assessment information and access to online learning resources, such as recordings of lectures. You are able to access the 'Environment' both on and off campus, and full training is provided on its use. The Medical Learning Environment will provide you all the information you need on what you should learn and how this learning can be achieved. It contains all the course learning outcomes, details of the programme of study, and guidance to support self-study, including self-assessment.

Your input to the development of our curriculum is very important to us and many changes have been introduced in response to student feedback. There is a Student-Staff Committee for each stage of the curriculum, and the student members play an important role in managing the curriculum and its development.



## NUMed Student Association

The model of student government for NUMed is the same as that of the Medical School at Newcastle University, UK.

The purposes of the Student Association are twofold:

- It is the representative body for the student community in dealings with the academic leadership of NUMed.
- It oversees the running of the many student societies, clubs and other organisations.

The Student Association nominates representatives to serve on NUMed committees, and supervises and coordinates co-curricular activities.

As well as organising entertainment and activities for the student body, the Association also runs campaigns on issues affecting students, and works with the local health authorities in promoting and increasing awareness of health-related issues among the local community.

For more information please visit the Student Association Facebook page at <https://www.facebook.com/numedSA>



## Student Accommodation

NUMed has its own student accommodation. The new accommodation offers high-quality, self-catering apartments, arranged as a number of study-bedrooms sharing a central kitchen/living room and shower facilities. The air-conditioned apartments also have wireless Internet access. There are a swimming pool and gymnasium on-site, to which all students staying in the accommodation have free access.

Each apartment is self-catering and is equipped with its own fridge, cooker and washing machine. Students are responsible for cleaning their own apartment. Each apartment houses up to four students.

NUMed's Student Accommodation is truly multinational, multi-ethnic and multicultural. The new accommodation is just a five-minute drive from the campus, with free, regular transport provided,

not only between the accommodation and the campus, but also between the accommodation and the nearby major eateries, shopping centres, entertainment outlets and other recreational attractions, which are a 15-minute drive away.

These brand-new apartments will be managed by NUMed and you can therefore expect a responsive and efficient service.

The apartments feature 24-hour, non-intrusive security.

Our Accommodation and Hospitality Services team is committed to providing services and facilities that enhance your experience, and you can be assured of our support and attention at all times.

More detailed information about the accommodation is available at <https://www.ncl.ac.uk/numed/accommodation/#about>.

## Living Expenses

Living expenses depend on your financial resources, tastes and interests, and you are advised to set a budget according to your own individual needs.

As a guide, including your accommodation, we estimate that you should allow around RM2,000 per month to cover your living costs in Johor.

If you elect to undertake any period of study at our UK campus, you should allow approximately RM6,000 per month for living costs in Newcastle.

## Recreation and the EduCity Iskandar Malaysia Sports Complex

As a NUMed student, you will have access to the sports, social and recreational facilities provided on campus, and to those provided by EduCity Iskandar Malaysia.



The common facilities shared by all students at EduCity include the world-class stadium and sports complex, which opened in August 2013. This sports complex includes:



Outdoor arena and pitches for field sports and athletics



Indoor arena and facilities for sports such as badminton, volleyball, etc.



50-metre swimming pool



Gymnasium





**Contact us for further information**

NUMed Malaysia SDN. BHD. (No. 792091-W)  
No 1, Jalan Sarjana 1, Kota Ilmu  
EduCity@Iskandar, 79200 Iskandar Puteri  
Johor, Malaysia

 [admissions@newcastle.edu.my](mailto:admissions@newcastle.edu.my)  +607-5553800  
 /NewcastleUniversityMedicineMalaysia  [www.newcastle.edu.my](http://www.newcastle.edu.my)