



DukeNUS
Medical School

MD

Programme

- ▶ Unique Syllabus
- ▶ Enhanced Learning Facilities and Technology

CLINICIANS FIRST

CLINICIANS PLUS

Message from our Vice Dean



On behalf of Duke-NUS and the entire SingHealth Duke-NUS Academic Medical Centre (AMC), I would like to welcome you to the vibrant community of Singapore's only graduate-entry medical school. Here, you will be joined by dynamic peers from a wide and diverse range of backgrounds.

Born out of a partnership between two world-class institutions—Duke University and NUS—Duke-NUS' research-intensive medical curriculum is built on our "Clinicians First, Clinicians Plus" educational approach designed to nurture highly competent clinicians who are also poised to transform our healthcare system as clinician-scientists, educators, innovators and leaders.

Studying medicine through our bespoke TeamLEAD educational approach, you will learn to work in teams and develop your professional identities from day one as our leading clinical faculty join you in the classroom.

Beyond the classroom, students are also immersed in the rich, multi-disciplinary clinical ecosystem of the AMC through our strategic Academic Medicine partnership with SingHealth. You will be mentored by some of Singapore's most renowned physicians from SingHealth's network of institutions. This includes Singapore General Hospital, named one of the world's best hospitals by *Newsweek*.

And thanks to our small class size, you will build a strong and diverse network of peers as well as clinical and scientific mentors that will support you throughout your career in Singapore. Among our growing body of alumni are many who have won national awards for research, formed their own start-up companies and authored publications in international peer-reviewed journals.

Come join us to transform medicine and improve lives.

Professor Ian Curran
Vice Dean, Education

Clinicians First, Clinicians Plus

The Duke-NUS Doctor of Medicine (MD) programme banks on a pioneering “Clinicians First, Clinicians Plus” vision. We guide our graduates in first becoming competent clinicians before advancing their other capabilities to become clinician-scientists, innovators, educators and leaders.

Duke-NUS encourages students to share different expertise regardless of their

pathway and academic disciplines. This heterogeneity among our students—one of our greatest strengths—promotes robust brainstorming, boosts critical thinking and develops key skills expected of future clinicians. Our graduates are inquisitive, progressive and innovative; they continuously push boundaries to achieve the best possible care for our patients and improve the healthcare sector.



Our MD Programme



Pre-Clerkship

“TeamLEAD” approach guides students in applying knowledge to group discussion after studying preparatory materials; it **fosters critical skills** such as teamwork, leadership and communication

Imparts the **scientific knowledge** and **clinical skills foundation** necessary for entering clinical training

Provides **community care experiences** so students can better appreciate healthcare complexities

Our Unique Syllabus

Our 4-year MD programme covers Pre-Clerkship to Advanced Clinical Rotations. Graduates are awarded a joint degree by Duke University and NUS at the end of their curriculum. Applicants must hold at least a Bachelor's degree in any field.

This programme provides active learning opportunities and supports students' exploration of personal interest areas.



Clerkship

Provides an introduction to the hospital environment and **patient care activities** in core specialties (i.e. Paediatrics, Obstetrics and Gynaecology, Neurology, Psychiatry, Surgery and Medicine)

Enables students to establish rapport, take medical histories and perform physical exams while diagnosing and managing patients.

Introduces students to the **Design Thinking** process to innovatively address patients' unmet healthcare needs



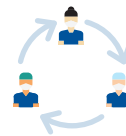


Research & Scholarship

Encapsulates an **intensive mentored research experience**

Lets students participate in **cutting-edge biomedical research projects** under the careful guidance of world-class faculty to address authentic, real-world healthcare problems

Fosters students' ability to practice medicine and to improve the practice of medicine.



Advanced Clinical Rotations

Hones clinical knowledge and skills

Prepares students for their next level of autonomy as newly minted physicians

Covers a **broad range of specialties** such as Emergency Medicine, Surgery, Medicine and others with increased levels of responsibility.

For more information, please visit
<https://www.duke-nus.edu.sg/admissions/duke-nus-medicine-programmes>



Our MD-PhD Programme

Duke-NUS's integrated MD-PhD programme is unique in Singapore; it allows students who wish to further their academic training to amalgamate their medical knowledge with a science degree.

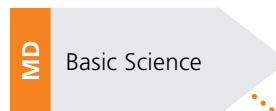
Students who embark on this dual degree track are thereafter better equipped for taking on research-oriented careers.

Overall, it takes seven to eight years to complete this track. After two years in the MD programme, students embark on the PhD component in either the IBM or QBM programme in lieu of their third-year research project. They will complete the final (fourth) year of the MD programme after they complete the PhD component. MD-PhD students receive additional tailored experiences during their PhD studies to prepare them for clinical training.

All students admitted into the programme are offered a full scholarship for the PhD component as well as scholarships to cover tuition fees for their first two years in the MD programme and their final year of MD training.

Curriculum

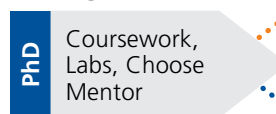
YEAR 1



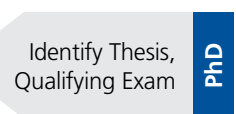
YEAR 2



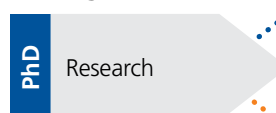
YEAR 3



YEAR 4



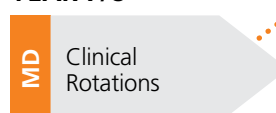
YEAR 5



YEAR 6/7



YEAR 7/8



Visit <https://www.duke-nus.edu.sg/education/our-programmes/md-phd-programme> for more details on the MD-PhD programme.



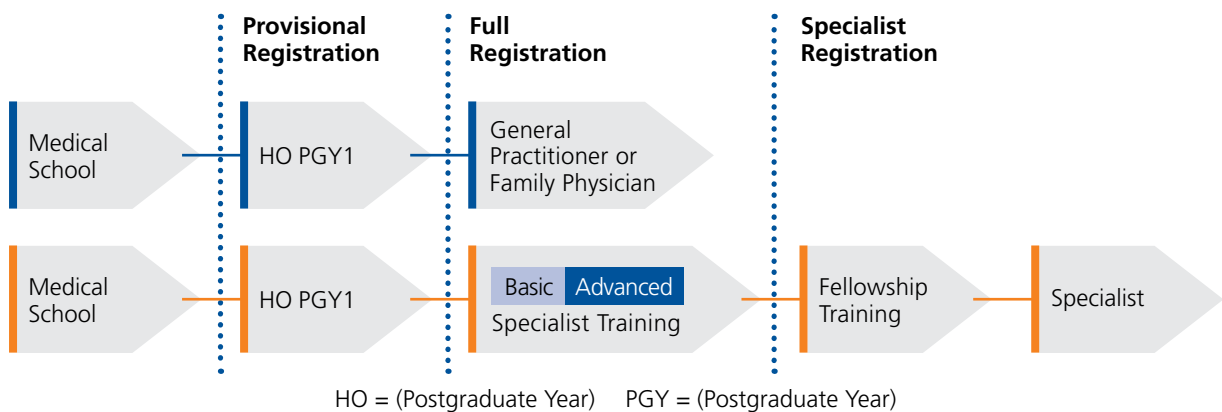
Service Commitment

Since the Singapore government subsidises tuition fees at Duke-NUS, all Duke-NUS MD and MD-PhD graduates have to complete a service commitment as follows:

- Singapore citizens: four years
- International graduates and Singapore Permanent Residents: five years

The service commitment period begins after graduates complete their first year of training.

Progression to Practice



Enhanced Learning Facilities And Technology for Future Clinicians



Immersive Learning Space

The Immersive Learning Space (ILS) is a dedicated facility with a large range of resources and immersive technologies. It supports and enhances students' learning experience. Our students can manipulate, navigate and explore anatomical structures, interact with simulated patients (SPs), and participate in clinical scenarios in a safe, intuitive, and highly engaging manner.

- Available resources: Anatomage Tables (life-size virtual dissection tables with a collection of virtual cadavers and clinical cases), Virtual Reality (VR) and Augmented Reality (AR) headsets and applications
- VR and AR applications create a fully immersive 3D experience

Simulation-Based Learning

MD students can develop their clinical skills in the Clinical Performance Centre which offers a student-centred learning environment. Duke-NUS provides simulation-based learning experiences that guide our students in bridging the gap between theoretical knowledge and clinical practice.

- State-of-the-art simulators develop students' procedural skills
- Interactions with SPs impart communication and professionalism skills to students prior to encounters with real patients in wards

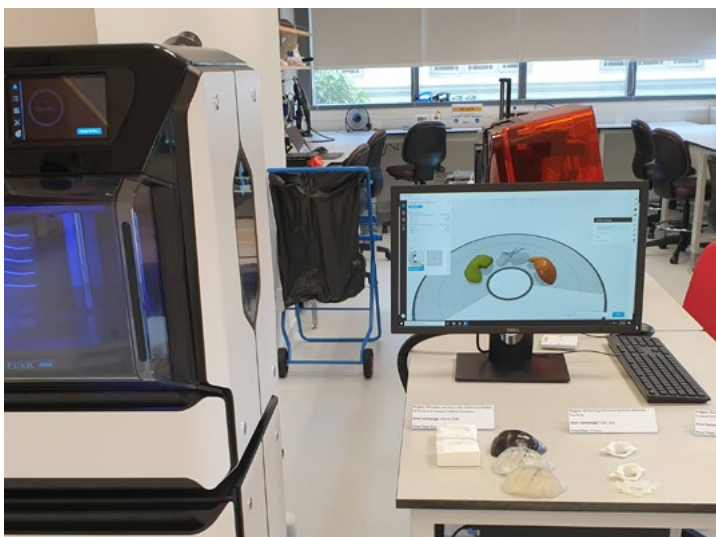


3D Printing and Prototyping Laboratory

The 3D Printing and Prototyping (3DPP) Lab is a new facility that supports Duke-NUS' education and medical technology innovation programmes. Students can visualise spatial relationships of the human anatomy and embark on their innovation journey with access to a range of resources.

Resources available:

- 3D printers, including a Stratasys J5 Medijet that can print multi-colour, multi-material, and biocompatible 3D models
- Electronics development equipment, 3D scanner, professional computer workstations, 3D modelling and segmentation software, as well as guidance and consultation



Enriching Campus Life

Duke-NUS has several initiatives in place to help students develop not just academically but also holistically.

Student Interest Groups (SIGs)

- Created by students for students
- Both academic and non-academic groups
- Serve as additional outlets for students to channel their creative energy, grow their innate talents and continue pursuing their passions



College System

- Consists of four advisory colleges supporting students' professional and personal growth
- Provides mentorship, peer support and opportunities for community service
- Enables students to better cope with the challenges of medical training and develop social skills and values

Student Wellness

- Help students cope with demanding academic programmes
- Include physical activities such as online/in-person exercise classes, as well as mindfulness seminars and workshops
- Provide students with a strong support network and culture, with services such as professional counselling and coaching, academic support, and many more



Student Community Service Projects

- Encourage active participation in community service projects to foster school values: courage, integrity, compassion and collaboration
- Worthy projects in which students can invest their time and effort to give back to the community at large

For more information, please visit <https://www.duke-nus.edu.sg/education/student-resources/student-life>





Financial Support

We understand the challenge of financing a medical education and strive to help our students tap on available resources to meet their financial needs. Depending on an individual's financial circumstances and academic performance, students may apply for any one or any combination of the three financing options available—tuition fee loan, bursary and merit scholarship.

About two-thirds of our students are on some form of financial aid. The exact quantum of financial aid extended to a student varies, depending on the financial background of the student and their immediate family members.

	MERIT SCHOLARSHIP	BURSARY
Eligibility Criteria	<ul style="list-style-type: none">• Academic merits• Non-Academic merits• Residency status	Financial needs
Duration of Awards	Up to 4 years	4 years
Value of Awards	Between \$10,000 to \$80,000	Up to about 70% of tuition fee

For the latest information:

Visit

<https://www.duke-nus.edu.sg/admissions/why-duke-nus/tuition-scholarships/financial-aid>

Email

financialaid@duke-nus.edu.sg

	TUITION FEE LOAN (TFL)
Eligibility Criteria	TFL Terms & Conditions
Duration of Awards	As required
Value of Awards	<ul style="list-style-type: none">• Up to 90% for Singaporean Citizens• ~74% for Singapore Permanent Residents• ~60% for International Students

For the latest information:

Visit

<https://nusgs.nus.edu.sg/tuition-fee-loan-scheme/>

Holistic Admissions Process

To realise our vision on improving the practice of medicine in Singapore and beyond, we admit individuals who not only have the potential to excel academically, but also possess personal

attributes and competencies that align with our mission and values. If you have the ambition to make a difference, we encourage you to apply for the Duke-NUS MD programme.

Pre-requisites

MD and MD-PhD programme

- Bachelor's degree in any discipline
- Medical College Admission Test (MCAT) or Graduate Medical School Admissions Test (GAMSAT) score
- Volunteering, entrepreneurial, leadership and research experiences are looked upon favourably
- Physically and mentally capable of participating in all phases of the training programme

Application Timeline

Jun	Sep	Nov	Dec	Jan	Jul
Online application open	<ul style="list-style-type: none"> • Early application deadline: 1 September • Interviews begin 	Admissions offers are made from November	Financial aid offers are made from December	Final application deadline: 31 January	Class confirmed by July

How To Apply

Candidates must submit the following:

- An online application, including written essays, at <https://admissions.duke-nus.edu.sg/apply/>
- Three to five recommendation letters (typically from professors, mentors and/or employers)
- Official transcripts from Bachelor's (and higher, if applicable) degree programme(s)
- World Education Services (WES) report, if required. For more information, please visit: <http://www.wes.org/>

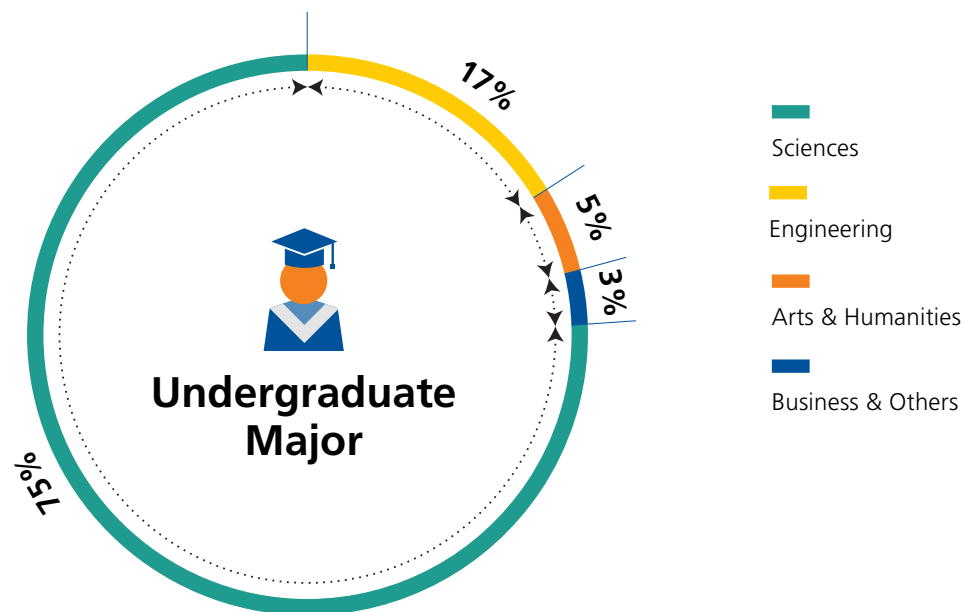
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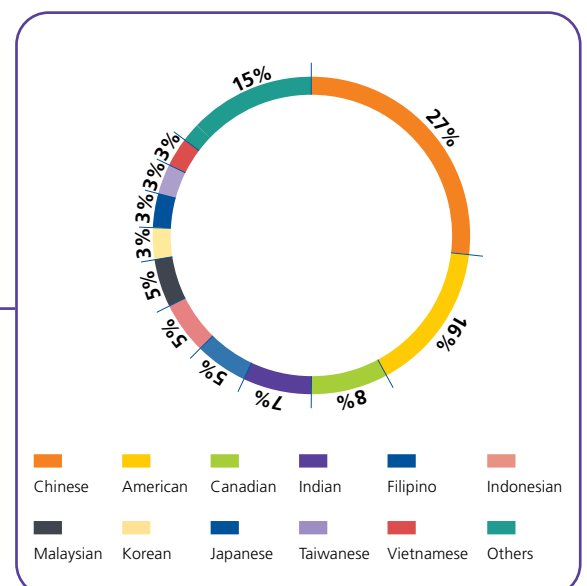
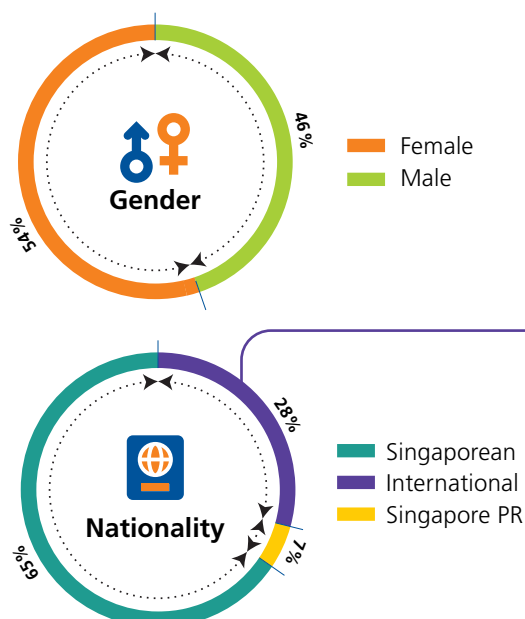
Facts and Figures at a Glance

Diverse academic backgrounds from top universities all over the world

ACADEMIC BACKGROUND



DEMOGRAPHICS



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Duke University is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award undergraduate and graduate degrees. Duke-NUS is not accredited by the Commission on Colleges and the accreditation of Duke University does not extend to or include Duke-NUS or its students.



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