Minimum Subject Requirements for Students with **International Baccalaureate Diploma**

You are offering the International Baccalaureate (IB) Diploma, awarded by the International Baccalaureate Organization (IBO).

In addition to fulfilling the above admission criterion, applicants have to meet the following minimum subject requirements of the degree programmes listed next page.

Application Window:
15 Oct 2026
to
19 March 2027

Apply to NTU with IB Diploma

COLLEGE OF COMPUTING AND DATA SCIENCE

Programmes	Minimum Subject Requirements	Selection Test/ Interview
Artificial Intelligence and Society$	Mathematics at Higher Level, or Physics/Computer Science at Higher Level	
Business and Computer Engineering (Double Degree)	Mathematics at Higher Level, and Physics/Chemistry/Biology/Computer Science at Higher Level, and A good grade in English at Standard Level	
Business and Computing (Double Degree)	Mathematics at Higher Level, or Physics/Computer Science at Higher Level, and A good grade in English at Standard Level	
Computer Engineering*^ £ɑ	Mathematics at Higher Level, and Physics/Chemistry/Biology/Computer Science at Higher Level	
Computer Engineering with a Second Major ɑ in		
- Business		
- Data Analytics		
- Entrepreneurship		
- Sustainability		
Computer Science*^£$	Mathematics at Higher Level, or Physics/Computer Science at Higher Level	
Computer Science with a Second Major $ in		
- Business		
- Entrepreneurship		
- Sustainability		
Data Science and Artificial Intelligence$	Mathematics at Higher Level	
Data Science and Artificial Intelligence with a Second Major in Sustainability$		

RENAISSANCE ENGINEERING PROGRAMME

Programme	Minimum Subject Requirements	Selection Test/ Interview
Renaissance Engineering Programme¥	Mathematics at Higher Level, and Physics/Chemistry/Biology/Computer Science at Higher Level	Yes

COLLEGE OF ENGINEERING

Programmes	Minimum Subject Requirements	Selection Test/ Interview
Aerospace Engineering*^£	Mathematics at Higher Level, and Physics/Chemistry/Biology/Computer Science at Higher Level	
Aerospace Engineering with a Second Major in		
- Business		
- Data Analytics		
- Entrepreneurship		
- Sustainability		
Bioengineering*^£	Mathematics at Higher Level, and Physics/Chemistry/Biology/Computer Science at Higher Level	
Bioengineering with a Second Major in		
- Business		
- Data Analytics		
- Entrepreneurship		
- Future Foods		
- Pharmaceutical Engineering		
- Sustainability		
Chemical and Biomolecular Engineering*^£	Mathematics at Higher Level, and Physics/Chemistry/Biology/Computer Science at Higher Level	
Chemical and Biomolecular Engineering with a Second Major in		
- Business		
- Data Analytics		
- Entrepreneurship		
- Future Foods		
- Sustainability		

COLLEGE OF ENGINEERING

Programmes	Minimum Subject Requirements	Selection Test/ Interview
Civil Engineering*^£	Mathematics at Higher Level, and Physics/Chemistry/Biology/Computer Science at Higher Level	
Civil Engineering with a Second Major in		
- Business		
- Data Analytics		
- Entrepreneurship		
- Society and Urban Systems		
- Sustainability		
Electrical and Electronic Engineering*^£	Mathematics at Higher Level, and Physics/Chemistry/Biology/Computer Science at Higher Level	
Electrical and Electronic Engineering with a Second Major in		
- Business		
- Data Analytics		
- Entrepreneurship		
- Society and Urban Systems		
- Sustainability		
Environmental Engineering*^£	Mathematics at Higher Level, and Physics/Chemistry/Biology/Computer Science at Higher Level	
Environmental Engineering with a Second Major in		
- Business		
- Data Analytics		
- Entrepreneurship		
- Future Foods		
- Society and Urban Systems		
- Sustainability		
Information Engineering and Media*^£	Mathematics at Higher Level, and Physics/Chemistry/Biology/Computer Science at Higher Level	
Information Engineering and Media with a Second Major in		
- Business		
- Data Analytics		
- Entrepreneurship		
- Sustainability		
Maritime Studies§	Mathematics at Standard Level	
Maritime Studies with a Second Major in		
- Business§		
- Sustainability§		
- Data Analytics§	Mathematics at Higher Level	
Materials Engineering*^£	Mathematics at Higher Level, and Physics/Chemistry/Biology at Higher Level	
Materials Engineering with a Second Major in		
- Business		
- Data Analytics		
- Entrepreneurship		
- Future Foods		
- Medical Biology		
- Pharmaceutical Engineering		
- Sustainability		
Mechanical Engineering*^£	Mathematics at Higher Level, and Physics/Chemistry/Biology/Computer Science at Higher Level	
Mechanical Engineering with a Second Major in		
- Business		
- Data Analytics		
- Entrepreneurship		
- Society and Urban Systems		
- Sustainability		

COLLEGE OF ENGINEERING

Programmes	Minimum Subject Requirements	Selection Test/ Interview
Process Engineering and Synthetic Chemistry[ϕ]	Mathematics at Higher Level, and Chemistry at Higher Level	Yes
Robotics[^£]	Mathematics at Higher Level, and Physics/Chemistry/Biology/Computer Science at Higher Level	
Robotics with a Second Major in[^£] - Business - Data Analytics - Entrepreneurship - Society and Urban Systems - Sustainability		

COLLEGE OF HUMANITIES, ARTS AND SOCIAL SCIENCES

Programmes	Minimum Subject Requirements	Selection Test/ Interview
Art, Design and Media	Mathematics at Standard Level, and A good grade in English at Standard Level In addition, applicants are required to produce and submit the following materials for admissions assessment: 1. A portfolio 2. Personal statement and writing samples 3. A creative project 4. An observational drawing For specific submission instructions and details, please refer to **ADM Admissions Requirements**.	
Art History and Chinese (Double Major)[NEW]	A good grade in English at Standard Level, and A good grade in Chinese at Standard Level	Yes
Art History and History (Double Major)[NEW]	A good grade in English at Standard Level	
Art History and Philosophy (Double Major)[NEW]		
Chinese	A good grade in Chinese at Standard Level	
Chinese and English (Double Major)[⌘]	A good grade in Chinese at Standard Level, and A good grade in English at Standard Level	
Chinese and Linguistics & Multilingual Studies (Double Major)[⌘]		
Communication Studies	Mathematics at Standard Level, and A good grade in English at Standard Level	
Communication Studies with a Second Major in - Business - Governance and International Relations		
Economics	A good grade in Mathematics at Standard Level, and A good grade in English at Standard Level	On a selective basis
Economics with a Second Major in Business		
Economics and Data Science[§]	A good grade in Mathematics at Higher Level, and A good grade in English at Standard Level	
Economics and Media Analytics (Double Major)[⌘]	A good grade in Mathematics at Higher Level, and A good grade in English at Standard Level	
Economics and Psychology (Double Major)[⌘]		
Economics and Public Policy & Global Affairs (Double Major)[⌘]		
English	A good grade in English at Standard Level	Yes
English Literature and Art History (Double Major)[⌘]		
English and History (Double Major)[⌘]		
English and Philosophy (Double Major)[⌘]		
History		
History and Chinese (Double Major)[⌘]	A good grade in English at Standard Level, and A good grade in Chinese at Standard Level	
History and Linguistics & Multilingual Studies (Double Major)[⌘]	A good grade in English at Standard Level	
Linguistics and Multilingual Studies		
Linguistics & Multilingual Studies and English (Double Major)[⌘]		

COLLEGE OF HUMANITIES, ARTS AND SOCIAL SCIENCES

Programmes	Minimum Subject Requirements	Selection Test/ Interview
Linguistics & Multilingual Studies and Philosophy (Double Major) ⌘	A good grade in English at Standard Level	Yes
Philosophy		
Philosophy and Chinese (Double Major) ⌘	A good grade in English at Standard Level, and A good grade in Chinese at Standard Level	
Philosophy and History (Double Major) ⌘	A good grade in English at Standard Level	
Philosophy, Politics and Economics	A good grade in Mathematics at Higher Level, and A good grade in English at Standard Level	On a selective basis
Psychology	A good grade in Mathematics at Standard Level, and A good grade in English at Standard Level	On a selective basis
Psychology with a Second Major in Biological Sciences	A good grade in Mathematics at Standard Level, and A good grade in English at Standard Level, and, Physics/Chemistry/Biology at Standard Level	
Psychology and Linguistics & Multilingual Studies (Double Major) ⌘	A good grade in Mathematics at Standard Level, and A good grade in English at Standard Level	Yes
Psychology and Media Analytics (Double Major) ⌘		On a selective basis
Public Policy and Global Affairs	A good grade in English at Standard Level	
Public Policy and Global Affairs with a Second Major in Media and Journalism Studies	Mathematics at Standard Level, and A good grade in English at Standard Level	On a selective basis
Sociology	A good grade in English at Standard Level	

COLLEGE OF SCIENCE

Programmes	Minimum Subject Requirements	Selection Test/ Interview
Biological Sciences	Mathematics at Standard Level, and Physics/Chemistry/Biology at Higher Level	On a selective basis
Biological Sciences with a Second Major in		
- Biomedical Structural Biology		
- Future Foods		
- Sustainability		
- Data Analytics	Mathematics at Higher Level, and Physics/Chemistry/Biology at Higher Level	
- Medicinal Chemistry and Pharmacology	Mathematics at Standard Level, and Chemistry at Higher Level	
Biomedical Sciences and BioBusiness (Double Major)	Mathematics at Standard Level, and Physics/Chemistry/Biology at Higher Level	Yes
Biological Sciences and Chemistry NEW	Mathematics at Higher Level, and Chemistry at Higher Level	
Biological Sciences and Environmental Earth Systems Science NEW	Mathematics at Standard Level, and Physics/Chemistry/Biology at Higher Level	On a selective basis
Biological Sciences and Mathematical Sciences NEW	Mathematics at Higher Level, and Physics/Chemistry/Biology at Higher Level	
Biological Sciences and Psychology (Double Major)	A good grade in Mathematics at Standard Level, and Physics/Chemistry/Biology at Higher Level, and A good grade in English at Standard Level	On a selective basis
Chemistry and Biological Chemistry	Chemistry at Higher Level, and Mathematics/Physics at Higher Level	
Chemistry and Biological Chemistry with a Second Major in		
- Business (International Trading)		
- Entrepreneurship		
- Future Foods		
- Sustainability		
- Data Analytics	Chemistry at Higher Level, and Mathematics at Higher Level	
Chemistry and Environmental Earth Systems Science NEW	Chemistry at Higher Level, and Mathematics at Higher Level	On a selective basis

COLLEGE OF SCIENCE

Programmes	Minimum Subject Requirements	Selection Test/ Interview
Chemistry and Mathematical Sciences[NEW]	Chemistry at Higher Level, and Mathematics at Higher Level	
Chinese Medicine	Mathematics at Standard Level, and Physics/Chemistry/Biology at Higher Level, and Chinese at Standard Level	Yes
Environmental Earth Systems Science	Mathematics at Standard Level, and Physics/Chemistry/Biology/Computer Science/Economics at Higher Level	On a selective basis
Environmental Earth Systems Science with a Second Major in		
- Entrepreneurship		
- Future Foods		
- Sustainability		
- Data Analytics	Mathematics at Higher Level, and Physics/Chemistry/Biology/Computer Science at Higher Level	
Environmental Earth Systems Science and Mathematical Sciences[NEW]	Mathematics at Higher Level, and Physics/Chemistry/Biology/Computer Science/Economics at Higher Level	
Environmental Earth Systems Science and Public Policy & Global Affairs (Double Major)	Mathematics at Standard Level, and Physics/Chemistry/Biology/Computer Science/Economics at Higher Level, and A good grade in English at Standard Level	
Mathematical Sciences^^	Mathematics at Higher Level	
Mathematical Sciences with a Second Major in	Mathematics at Higher Level	
- Entrepreneurship		
- Sustainability		
- Data Analytics	Mathematics at Higher Level, and Physics/Chemistry/Biology/Computer Science at Higher Level	
Mathematical and Computer Sciences (Double Major)	Mathematics at Higher Level, and Physics/Chemistry/Biology/Computer Science at Higher Level	
Mathematical Sciences and Economics (Double Major)	Mathematics at Higher Level, and A good grade in English at Standard Level	On a selective basis
Applied Physics and Biological Sciences[NEW]	Physics at Higher Level, and Mathematics at Higher Level	
Applied Physics and Chemistry[NEW]	Physics at Higher Level, Chemistry at Higher Level, and Mathematics at Higher Level	
Applied Physics and Environmental Earth Systems Science[NEW]	Physics at Higher Level, and Mathematics at Higher Level	On a selective basis
Applied Physics with a Second Major in	Physics at Higher Level, and Mathematics at Higher Level	
- Entrepreneurship		
- Medical Physics		
- Microelectronics Engineering	Physics at Higher Level, and Mathematics at Higher Level	
Physics/Applied Physics		
Physics/Applied Physics with a Second Major in		
- Astrophysics		On a selective basis
- Data Analytics		
- Material Physics and Technologies		On a selective basis
- Quantum Technologies		
- Sustainability		
Physics and Mathematical Sciences (Double Major)		

LEE KONG CHIAN SCHOOL OF MEDICINE

Programme	Minimum Subject Requirements	Selection Test/ Interview
Medicine	Chemistry at Higher Level, and Biology/Physics at Higher Level In addition, applicants are required to submit the following materials for admissions assessment: 1. Academic results 2. University Clinical Aptitude Test (UCAT) results ▸ Only UCAT results taken in the twelve-month period prior to admission to LKCMedicine will be considered in the selection process. 3. Personal statement 4. Two online referee reports ▸ One of the referees must be the applicant's civics tutor/form teacher. The online referee report is in question-and-answer format. The questions will take no more than 10 minutes to complete. Instructions and login details will be provided to applicants who will in turn forward the login information to their referees. Applicants are also recommended to provide details of exceptional talents and/ or outstanding achievements beyond school co-curricular activities for admissions assessment. **University Clinical Aptitude Test (UCAT)** Applicants will have to register for the University Clinical Aptitude Test (UCAT) and take the UCAT as part of the criteria for entry to the LKCMedicine MBBS programme. The University Clinical Aptitude Test (UCAT) is a computer-based admissions test, used by a consortium of UK Universities and non-UK associate member universities including Lee Kong Chian School of Medicine (LKCMedicine) to help select applicants for medical and dental degree programmes. It is a two-hour test consisting of four separately timed subtests in multiple choice format. It is an aptitude test focused on assessing a range of mental abilities and knowledge candidates should already have. If one is applying to the AY2027-28 intake of LKCMedicine, one should have taken the UCAT between 13 July and 24 September 2026, prior to applying to LKCMedicine. A copy of the UCAT leaflet can be downloaded here. For more details on the UCAT, including information on how to prepare for it, please click here. For further details, please visit https://www.ntu.edu.sg/medicine/education/bachelor-of-medicine-and-bachelor-of-surgery-(mbbs)	Yes

NANYANG BUSINESS SCHOOL

Programmes	Minimum Subject Requirements	Selection Test/ Interview
Accountancy#	Mathematics at Standard Level, and A good grade in English at Standard Level	Some candidates may be invited for interviews.
Accountancy (Sustainability Management with Analytics)		
Accountancy with a Second Major in - Entrepreneurship - Sustainability		
Accountancy and Data Science & Artificial Intelligence (Double Degree)	Mathematics at Higher Level, and A good grade in English at Standard Level	
Accountancy and Business (Double Degree)	Mathematics at Standard Level, and A good grade in English at Standard Level	
Accountancy and Business (Double Degree) with a Second Major in Entrepreneurship		
Applied Computing in Finance	Mathematics at Higher Level, and A good grade in English at Standard Level	
Business (Double Major)	Mathematics at Standard Level, and A good grade in English at Standard Level	
Business (Single Major)		
Business with Second Major in - Entrepreneurship - Sustainability		

NATIONAL INSTITUTE OF EDUCATION

Programmes	Minimum Subject Requirements	Selection Test/ Interview
Arts (Academic Discipline & Education)▲	A good overall International Baccalaureate Diploma score	Yes
Science (Academic Discipline & Education)▲		
Sport Science & Management§	Mathematics at Standard Level	
Sport Science & Management with a Second Major in Sustainability§		

Footnote to Minimum Subject Requirements

¥ Programme leading to Bachelor of Engineering Science and Master of Science in Technology Management.

* The programme is also offered as a double degree programme with Economics.

^ The programme is also offered as a single degree programme with a Minor in Business.

£ The programme is also offered as a single degree programme with a Minor in International Trading.

§ Programme leading to Bachelor of Science degree.

⌘ The programme is offered as a single degree programme with two distinct majors. Each major carries equal weight in the degree.

^^ The programme is also offered as a single degree programme with a Minor in Finance.

The programme is also offered as a single degree programme with a Minor in Digitalisation and Data Analytics.

▲ These degree programmes offer many courses which may require further subject prerequisites. Please refer to the National Institute of Education (NIE) website for details.

ɑ Programme leading to Bachelor of Engineering.

$ Programme leading to Bachelor of Computing.

ϕ This is a double major programme leading to a Bachelor of Engineering Science degree.

OFFICE OF ADMISSIONS
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NANYANG TECHNOLOGICAL UNIVERSITY
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For enquiries, please submit here.

NTUadmissions

https://www.ntu.edu.sg/admissions/undergraduate

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