



NANYANG
TECHNOLOGICAL
UNIVERSITY
SINGAPORE

Minimum Subject Requirements for Students with **NUS High School Diploma**

You are offering the NUS High School Diploma.

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

Application Window:

1 December 2024
to
20 January 2025



*Apply to NTU with
NUS High School
Diploma*

COLLEGE OF COMPUTING AND DATA SCIENCE



Programmes	Minimum Subject Requirements	Selection Test/ Interview
Artificial Intelligence & Society ^{SNEW}	Major CAP of 2.0 in Mathematics or Major CAP of 2.0 in Physics	
Business and Computer Engineering (Double Degree)	Major CAP of 2.0 in Mathematics, and Major CAP of 2.0 in Physics/Chemistry/Biology, and Good Overall CAP in English Language	
Business and Computing (Double Degree)	Major CAP of 2.0 in Mathematics, or Major CAP of 2.0 in Physics, and Good Overall CAP in English Language	
Computer Engineering ^{*AEa}	Major CAP of 2.0 in Mathematics, and Major CAP of 2.0 in Physics/Chemistry/Biology	
Computer Engineering with a Second Major ^a in		
- Business		
- Data Analytics		
- Entrepreneurship		
- Sustainability		
Computer Science ^{*AES}	Major CAP of 2.0 in Mathematics, or Major CAP of 2.0 in Physics	
Computer Science with a Second Major ^s in		
- Business		
- Entrepreneurship		
- Sustainability		
Data Science and Artificial Intelligence ^S	Major CAP of 2.0 in Mathematics	
Data Science and Artificial Intelligence with a Second Major in Sustainability ^S		

RENAISSANCE ENGINEERING PROGRAMME



Programme	Minimum Subject Requirements	Selection Test/ Interview
Renaissance Engineering Programme ^y	Major CAP of 2.0 in Mathematics, and Major CAP of 2.0 in Physics/Chemistry/Biology, and Overall CAP of 2.0 in Physics/equivalent ⁺	Yes

COLLEGE OF ENGINEERING



Programmes	Minimum Subject Requirements	Selection Test/ Interview
Aerospace Engineering ^{*AE}	Major CAP of 2.0 in Mathematics, and Major CAP of 2.0 in Physics/Chemistry/Biology	
Aerospace Engineering with a Second Major in		
- Business		
- Data Analytics		
- Entrepreneurship		
- Sustainability		
Bioengineering ^{*AE}	Major CAP of 2.0 in Mathematics, and Major CAP of 2.0 in Physics/Chemistry/Biology	
Bioengineering with a Second Major in		
- Business		
- Data Analytics		
- Entrepreneurship		
- Pharmaceutical Engineering		
- Sustainability		
Chemical and Biomolecular Engineering ^{*AE}	Major CAP of 2.0 in Mathematics, and Major CAP of 2.0 in Physics/Chemistry/Biology	

Programmes	Minimum Subject Requirements	Selection Test/ Interview
Chemical and Biomolecular Engineering with a Second Major in <ul style="list-style-type: none"> - Business - Data Analytics - Entrepreneurship - Sustainability 	Major CAP of 2.0 in Mathematics, and Major CAP of 2.0 in Physics/Chemistry/Biology	
Civil Engineering* ^{AE}		
Civil Engineering with a Second Major in <ul style="list-style-type: none"> - Business - Data Analytics - Entrepreneurship - Society and Urban Systems - Sustainability 	Major CAP of 2.0 in Mathematics, and Major CAP of 2.0 in Physics/Chemistry/Biology	
Electrical and Electronic Engineering* ^{AE}		
Electrical and Electronic Engineering with a Second Major in <ul style="list-style-type: none"> - Business - Data Analytics - Entrepreneurship - Society and Urban Systems - Sustainability 	Major CAP of 2.0 in Mathematics, and Major CAP of 2.0 in Physics/Chemistry/Biology	
Environmental Engineering* ^{AE}		
Environmental Engineering with a Second Major in <ul style="list-style-type: none"> - Business - Data Analytics - Entrepreneurship - Society and Urban Systems - Sustainability 	Major CAP of 2.0 in Mathematics, and Major CAP of 2.0 in Physics/Chemistry/Biology	
Information Engineering and Media* ^{AE}		
Information Engineering and Media with a Second Major in <ul style="list-style-type: none"> - Business - Data Analytics - Entrepreneurship - Sustainability 	Major CAP of 2.0 in Mathematics, and Major CAP of 2.0 in Physics/Chemistry/Biology	
Maritime Studies ^S		
Maritime Studies with a Second Major in <ul style="list-style-type: none"> - Business^S - Data Analytics^S - Sustainability^S 	Major CAP of 2.0 in Mathematics	
Materials Engineering* ^{AE}		
Materials Engineering with a Second Major in <ul style="list-style-type: none"> - Business - Data Analytics - Entrepreneurship - Medical Biology - Pharmaceutical Engineering - Sustainability 	Major CAP of 2.0 in Mathematics, and Major CAP of 2.0 in Physics/Chemistry/Biology	

COLLEGE OF ENGINEERING



Programmes	Minimum Subject Requirements	Selection Test/ Interview
Mechanical Engineering* ^{AE}	Major CAP of 2.0 in Mathematics, and Major CAP of 2.0 in Physics/Chemistry/Biology	
Mechanical Engineering with a Second Major in		
- Business		
- Data Analytics		
- Entrepreneurship		
- Society and Urban Systems		
- Sustainability		
Process Engineering and Synthetic Chemistry ^{NEW}	Major CAP of 2.0 in Mathematics, and Major CAP of 2.0 in Chemistry	Yes
Robotics ^{NEW}	Major CAP of 2.0 in Mathematics, and Major CAP of 2.0 in Physics/Chemistry/Biology	
Robotics with a Second Major in ^{NEW}		
- 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	Major CAP of 2.0 in Mathematics, and Good Overall CAP in English Language 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 .	
Chinese	Good Overall CAP in Chinese Language	
Chinese and English (Double Major) ^{3%}		
Chinese and Linguistics & Multilingual Studies (Double Major) ^{3%}	Good Overall CAP in Chinese Language, and Good Overall CAP in English Language	
Communication Studies		Yes
Communication Studies with a Second Major in		
- Business	Major CAP of 2.0 in Mathematics, and Good Overall CAP in English Language	
- Governance and International Relations		
Economics	Major CAP of 2.0 in Mathematics, and Good Overall CAP in English Language	
Economics with a Second Major in Business		
Economics and Data Science ⁵	Major CAP of 2.0 in Mathematics, and Good Overall CAP in English Language	
Economics and Media Analytics (Double Major) ^{3%}		On a selective basis
Economics and Psychology (Double Major) ^{3%}	Major CAP of 2.0 in Mathematics, and Good Overall CAP in English Language	
Economics and Public Policy & Global Affairs (Double Major) ^{3%}		
English		
English Literature and Art History (Double Major) ^{3%}	Good Overall CAP in English Language	Yes
English and History (Double Major) ^{3%}		
English and Philosophy (Double Major) ^{3%}		

COLLEGE OF HUMANITIES, ARTS AND SOCIAL SCIENCES



Programmes	Minimum Subject Requirements	Selection Test/ Interview
History	Good Overall CAP in English Language	Yes
History and Chinese (Double Major) ^{3%}	Good Overall CAP in English Language, and Good Overall CAP in Chinese Language	
History and Linguistics & Multilingual Studies (Double Major) ^{3%}	Good Overall CAP in English Language	
Linguistics and Multilingual Studies		
Linguistics & Multilingual Studies and English (Double Major) ^{3%}		
Linguistics & Multilingual Studies and Philosophy (Double Major) ^{3%}		
Philosophy		
Philosophy, Politics and Economics ^{NEW}	Major CAP of 2.0 in Mathematics, and Good Overall CAP in English Language	On a selective basis
Philosophy and Chinese (Double Major) ^{3%}	Good Overall CAP in English Language, and Good Overall CAP in Chinese Language	Yes
Philosophy and History (Double Major) ^{3%}	Good Overall CAP in English Language	
Psychology	Major CAP of 2.0 in Mathematics, and Good Overall CAP in English Language	On a selective basis
Psychology with a Second Major in Biological Sciences	Major CAP of 2.0 in Mathematics, and Good Overall CAP in English Language, and Major CAP of 2.0 in Physics/Chemistry/Biology	
Psychology and Linguistics & Multilingual Studies (Double Major) ^{3%}	Major CAP of 2.0 in Mathematics, and Good Overall CAP in English Language	Yes
Psychology and Media Analytics (Double Major) ^{3%}		
Public Policy and Global Affairs	Good Overall CAP in English Language	On a selective basis
Public Policy and Global Affairs with a Second Major Media and Journalism Studies	Major CAP of 2.0 in Mathematics, and Good Overall CAP in English Language	
Sociology	Good Overall CAP in English Language	

COLLEGE OF SCIENCE



Programmes	Minimum Subject Requirements	Selection Test/ Interview
Biological Sciences	Major CAP of 2.0 in Mathematics, and Major CAP of 2.0 in Physics/Chemistry/Biology	On a selective basis
Biological Sciences with a Second Major in		
- Biomedical Structural Biology		
- Data Analytics		
- Sustainability	Major CAP of 2.0 in Mathematics, and Major CAP of 2.0 in Chemistry	Yes
- Medicinal Chemistry and Pharmacology		
Biomedical Sciences and BioBusiness (Double Major)	Major CAP of 2.0 in Mathematics, and Major CAP of 2.0 in Physics/Chemistry/Biology	
Biological Sciences and Psychology (Double Major)	Major CAP of 2.0 in Mathematics, and Major CAP of 2.0 in Physics/Chemistry/Biology, and Good Overall CAP in English Language	On a selective basis
Chemistry and Biological Chemistry	Major CAP of 2.0 in Chemistry, and Major CAP of 2.0 in Mathematics/Physics	
Chemistry and Biological Chemistry with a Second Major in		
- Business (International Trading)		
- Entrepreneurship		
- Environmental Science	Major CAP of 2.0 in Chemistry, and Major CAP of 2.0 in Mathematics	
- Sustainability		
- Data Analytics		

Programmes	Minimum Subject Requirements	Selection Test/ Interview
Chinese Medicine ^{NEW}	Major CAP of 2.0 in Mathematics, and Major CAP of 2.0 in Physics/Chemistry/Biology, and Good Overall CAP in Chinese Language	Yes
Environmental Earth Systems Science	Major CAP of 2.0 in Mathematics, and Major CAP of 2.0 in Physics/Chemistry/Biology	On a selective basis
Environmental Earth Systems Science with a Second Major in		
- Data Analytics		
- Entrepreneurship		
- Sustainability		
Environmental Earth Systems Science and Public Policy & Global Affairs (Double Major)	Major CAP of 2.0 in Mathematics, and Major CAP of 2.0 in Physics/Chemistry/Biology, and Good Overall CAP in English Language	
Mathematical Sciences ^{AA}	Major CAP of 2.0 in Mathematics	
Mathematical Sciences with a Second Major in		
- Entrepreneurship		
- Sustainability		
- Data Analytics	Major CAP of 2.0 in Mathematics, and Major CAP of 2.0 in Physics/Chemistry/Biology	
Mathematical and Computer Sciences (Double Major)		
Mathematical Sciences and Economics (Double Major)	Major CAP of 2.0 in Mathematics, and Good Overall CAP in English Language	On a selective basis
Applied Physics with a Second Major in	Major CAP of 2.0 in Physics [⊕] , and Major CAP of 2.0 in Mathematics	
- Entrepreneurship		
- Medical Physics	Major CAP of 2.0 in Physics, and Major CAP of 2.0 in Mathematics	
-Microelectronics Engineering		
Physics/Applied Physics		
Physics/Applied Physics with a Second Major in		
- Data Analytics	Major CAP of 2.0 in Physics, and Major CAP of 2.0 in Mathematics	
- Quantum Technologies		
- Sustainability		
Physics and Mathematical Sciences (Double Major)		

Programme	Minimum Subject Requirements	Selection Test/ Interview
Medicine	<p>Major CAP of 2.0 in Chemistry, and Major CAP of 2.0 in Biology/Physics, and CAP of 1.0 in one other major and in English Programme</p> <p>In addition, applicants are required to submit the following materials for admissions assessment:</p> <ol style="list-style-type: none"> 1. Academic results 2. University Clinical Aptitude Test (UCAT) results <ul style="list-style-type: none"> ► 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 <ul style="list-style-type: none"> ► 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. <p>Applicants are also recommended to provide details of exceptional talents and/or outstanding achievements beyond school co-curricular activities for admissions assessment.</p> <p>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.</p> <p>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.</p> <p>It is a two-hour test consisting of five 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.</p> <p>If one is applying to the AY2025-26 intake of LKCMedicine, one should take UCAT between 8 July and 26 September 2024, prior to applying to LKCMedicine.</p> <p>A copy of the UCAT leaflet can be downloaded here.</p> <p>For more details on the UCAT, including information on how to prepare for it, please click here.</p> <p>For further details, please visit https://www.ntu.edu.sg/medicine/education/bachelor-of-medicine-and-bachelor-of-surgery-(mbbs).</p>	Yes

Programmes	Minimum Subject Requirements	Selection Test/ Interview
Accountancy†E#	Major CAP of 2.0 in Mathematics, and Good Overall CAP in English Language	Some candidates may be invited for interviews.
Accountancy (Sustainability Management and Analytics)NEW		
Accountancy with a Second Major in <ul style="list-style-type: none">- Entrepreneurship- Sustainability		
Accountancy and Data Science & Artificial Intelligence (Double Degree)	Major CAP of 2.0 in Mathematics, and Good Overall CAP in English Language	
Accountancy and Business (Double Degree)◆	Major CAP of 2.0 in Mathematics, and Good Overall CAP in English Language	
Accountancy and Business (Double Degree) with a Second Major in Entrepreneurship		
Applied Computing in FinanceNEW		
Business†E		
Business with a Second Major in <ul style="list-style-type: none">- Entrepreneurship- Sustainability		

Programmes	Minimum Subject Requirements	Selection Test/ Interview
Arts (Academic Discipline & Education) [▲]	A good Graduation CAP	Yes
Science (Academic Discipline & Education) [▲]		
Sport Science & Management [§]	Major CAP of 2.0 in Mathematics	
Sport Science & Management with a Second Major in Sustainability [§]		

Footnote to Minimum Subject Requirements

- + Overall CAP of 2.0 in Physics/equivalent is only applicable to applicants who have not majored in Physics.
- ¥ 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 International Trading.
- ◆ The programme is also offered as a double degree programme with a Minor in International Trading.
- ^ The programme is also offered as a single degree programme with a Minor in Business.
- § 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.
- ⊕ Applicants who do not major in Physics may also be admitted, subject to passing an admissions test.
- † The programme is also offered as a single degree programme with a Minor in Strategic Communication.
- # 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.
- Ⓐ Programme leading to Bachelor of Engineering.
- § Programme leading to Bachelor of Computing.
- € Programme leading to Bachelor of Science.
- Ⓢ This is a double major programme leading to a Bachelor of Engineering Science degree.

**OFFICE OF ADMISSIONS
STUDENT AND ACADEMIC SERVICES DEPARTMENT
NANYANG TECHNOLOGICAL UNIVERSITY**

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For enquiries, please submit [here](#).



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

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