

'A' Level Subject Requirements by Faculty

NTU Courses

S/No.	Course	Current Prerequisites	Prerequisites under the new 'A' level curriculum	Selection Test/ Interview	Status**
BUSINESS AND ACCOUNTANCY					
1.	Accountancy	'AO' level pass in Mathematics or 'O' level or equivalent pass in Additional Mathematics	Pass in H1 Mathematics or Pass in 'O' level Additional Mathematics	on a selective basis	No change
2.	Business	'AO' level pass in Mathematics or 'O' level or equivalent pass in Additional Mathematics	Pass in H1 Mathematics or Pass in 'O' level Additional Mathematics	on a selective basis	No change
COMMUNICATION STUDIES					
3.	Communication Studies	Good pass in General Paper	Good pass in General Paper (at least B4) or Knowledge & Inquiry	Yes for shortlisted candidates only	GP or KI
ENGINEERING					
4.	Aerospace Engineering	'A' level pass in Mathematics and Physics or Physical Science or Chemistry or Biology and a pass in Physics at 'O' level or equivalent ⁺	Pass in H2 Mathematics and H2 Physics or H2 Chemistry or H2 Biology and a pass in 'O' level Physics or equivalent ⁺		No change
5.	Bioengineering	'A' level pass in Mathematics and Physics or Physical Science or Chemistry or Biology and a pass in Physics at 'O' level or equivalent ⁺	Pass in H2 Mathematics and H2 Physics or H2 Chemistry or H2 Biology and a pass in 'O' level Physics or equivalent ⁺		No change

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6.	Chemical & Biomolecular Engineering	'A' level pass in Mathematics and Chemistry and a pass in Physics at 'O' level or equivalent	Pass in H2 Mathematics and H2 Chemistry and a pass in 'O' level Physics or equivalent		No change
7.	Civil Engineering	'A' level pass in Mathematics and Physics or Physical Science or Chemistry or Biology and a pass in Physics at 'O' level or equivalent ⁺	Pass in H2 Mathematics and H2 Physics or H2 Chemistry or H2 Biology and a pass in H1 Physics or 'O' level Physics or equivalent ⁺		No change
8.	Computer Engineering	'A' level pass in Mathematics and Physics or Physical Science or Chemistry or Biology and a pass in Physics at 'O' level or equivalent ⁺	Pass in H2 Mathematics and H2 Physics or H2 Chemistry or H2 Biology and a pass in 'O' level Physics or equivalent ⁺		No change
9.	Computer Science	'A' level pass in Mathematics and Physics or Physical Science or Chemistry or Biology and a pass in Physics at 'O' level or equivalent ⁺	Pass in H2 Mathematics and H2 Physics or H2 Chemistry or H2 Biology and a pass in 'O' level Physics or equivalent ⁺		No change
10.	Engineering	'A' level pass in Mathematics and Physics or Physical Science or Chemistry or Biology and a pass in Physics at 'O' level or equivalent ⁺	Pass in H2 Mathematics and H2 Physics or H2 Chemistry or H2 Biology and a pass in 'O' level Physics or equivalent ⁺		No change
11.	Environment-al Engineering	'A' level pass in Mathematics and Physics or Physical	Pass in H2 Mathematics and H2 Physics or H2		No change

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		Science or Chemistry or Biology and a pass in Physics at 'O' level or equivalent ⁺	Chemistry or H2 Biology and a pass in 'O' level Physics or equivalent ⁺		
12.	Electrical & Electronic Engineering	'A' level pass in Mathematics and Physics or Physical Science or Chemistry or Biology and a pass in Physics at 'O' level or equivalent ⁺	Pass in H2 Mathematics and H2 Physics or H2 Chemistry or H2 Biology and a pass in 'O' level Physics or equivalent ⁺		No change
13.	Materials Engineering	'A' level pass in Mathematics and Physics or Physical Science or Chemistry or Biology and a pass in Physics at 'O' level or equivalent ⁺	Pass in H2 Mathematics and H2 Physics or H2 Chemistry or H2 Biology and a pass in 'O' level Physics or equivalent ⁺		No change
14.	Mechanical Engineering	'A' level pass in Mathematics and Physics or Physical Science or Chemistry or Biology and a pass in Physics at 'O' level or equivalent ⁺	Pass in H2 Mathematics and H2 Physics or H2 Chemistry or H2 Biology and a pass in 'O' level Physics or equivalent ⁺		No change
HUMANITIES					
15.	Chinese	'A' level pass or good 'O' level pass in Chinese or Higher Chinese	Pass in H2 Chinese Language and Literature or good pass in H1 Chinese/ General Studies in Chinese or good pass in 'O' level Chinese/Higher Chinese		No change

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16.	Economics	'AO' level pass in Mathematics or 'O' level or equivalent pass in Additional Mathematics. A background in Economics is an advantage but not a requirement	Pass in H1 Mathematics or Pass in 'O' level Additional Mathematics.		
17.	English	A good pass in General Paper	A good pass in General Paper or Knowledge & Inquiry		GP or KI
18.	Psychology	'AO' level pass in Mathematics or 'O' level or equivalent pass in Additional Mathematics	Pass in H1 Mathematics or Pass in 'O' level Additional Mathematics		No change
19.	Sociology	A good pass in General Paper	A good pass in General Paper or Knowledge & Inquiry		GP or KI
SCIENCES					
20.	Biological Sciences	'A' level pass in Mathematics and Physics or Chemistry or Biology and a pass in Biology at 'O' level or equivalent	Pass in H2 Mathematics and H2 Physics or H2 Chemistry or H2 Biology	Yes for selected candidates only	No change
21.	Biomedical Sciences & Medicine (Double Degree)	'A' level pass (or its equivalent) in Mathematics and Physics, Chemistry or Biology and 'O' level pass in Chinese	Pass in H2 Mathematics and H2 Physics or H2 Chemistry or H2 Biology and a 'O' level pass in Chinese		No change
22.	Chemistry	'A' level pass in	Pass in H2		Relaxed from 'A'

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		Chemistry and Mathematics or Physics	Chemistry and H1 Mathematics or H1 Physics		level Mathematics/ Physics to H1 Mathematics/Physics
23.	Maritime Studies	'AO' level pass in Mathematics or 'O' level or equivalent pass in Additional Mathematics and 'A' level pass in Science or Humanity subjects	Pass in H1 or 'O' level Mathematics and 'O' level pass in a Science subject		Relaxed from 'A' level Science/ Humanities to 'O' level Science, and from 'AO' level Mathematics/'O' level Additional Mathematics to H1 Mathematics/'O' level Mathematics
24.	Mathematics	'A' level pass in Mathematics or Further Mathematics	Pass in H2 Mathematics		No change
25.	Physical Sciences	'A' level pass in Mathematics and Chemistry or Physics	Pass in H2 Chemistry or H2 Physics and H1 Mathematics		Relaxed from 'A' level Mathematics to H1 Mathematics
26.	Physics	'A' level pass in Physics and Mathematics	Pass in H2 Physics and H1 Mathematics		Relaxed from 'A' level Mathematics to H1 Mathematics
EDUCATION					
27.	Arts (Education)*	'O' level or equivalent pass in Mathematics	'O' level or equivalent pass in Mathematics and English Language	Yes	Additional requirement of 'O' level EL
28.	Science (Education)*	'O' level or equivalent pass in Mathematics	'O' level pass or equivalent in Mathematics and English Language	Yes	Additional requirement of 'O' level EL
ART, DESIGN AND MEDIA					
29.	Art, Design & Media	Candidates are required to submit 3 items: (i) A video tape, DVD disk or CDROM containing a 10 minute (no longer) personal explanation/per	Candidates are required to submit 3 items:(i) A video tape, DVD disk or CDROM containing a 10 minute (no longer) personal	Yes (Faculty test)	No change

S/No.	Course	Current Prerequisites	Prerequisites under the new 'A' level curriculum	Selection Test/ Interview	Status**
		<p>formance demonstrating why you should be admitted into the BFA.</p> <p>(ii) A short written explanation in English of no more than 400 words as to why you should be allow to enter the BFA.</p> <p>(iii) A set of 5 photographs taken by you of any subject. No accompanying explanation necessary. In addition, 'O' level or equivalent pass in Mathematics</p>	<p>explanation/performance demonstrating why you should be admitted into the BFA.</p> <p>(ii) A short written explanation in English of no more than 400 words as to why you should be allowed to enter the BFA.</p> <p>(iii) A set of 5 photographs taken by you of any subject. No accompanying explanation necessary. In addition, 'O' level or equivalent pass in Mathematics.</p>		
<p>* These courses offer many subjects which may require further subject prerequisites. Please refer to the NTU undergraduate prospectus and website for details.</p> <p>+ 'O' level pass in Physics is only applicable to applicants without a pass in H2 Physics.</p> <p>** compares current prerequisites with prerequisites under the new 'A' level curriculum.</p>					

NUS Courses

S/No.	Degree	Current Prerequisites	Prerequisites under the new 'A' level curriculum	Status**
SCHOOL OF DESIGN & ENVIRONMENT				
1.	BA (Architecture)	'AO' level pass in Chemistry or Mathematics or Physics or Physical Science	Pass in H1 Mathematics or Chemistry or Physics	No change
2.	BA (Industrial Design)	'AO' level pass in Chemistry or Mathematics or Physics or Physical Science	Pass in H1 Mathematics or Chemistry or Physics	No change
3.	BSc (Building) BSc (Real Estate)	'AO' level pass in Chemistry or	Pass in H1 Mathematics or	No change

S/No.	Degree	Current Prerequisites	Prerequisites under the new 'A' level curriculum	Status**
		Mathematics or Physics or Physical Science	Chemistry or Physics	
SCHOOL OF COMPUTING				
4.	Bachelor of Computing (Computer Engineering)	'A' level pass in Mathematics and either Physics or Physical Science	Pass in H1 Mathematics and Physics	Relaxed: <ul style="list-style-type: none"> ▪ from 'A' level Mathematics to H1 Mathematics ▪ from 'A' level Physics to H1 Physics
5.	Bachelor of Computing	'A' level pass in Mathematics	Pass in H1 Mathematics	Relaxed from 'A' level Mathematics to H1 Mathematics
NUS BUSINESS SCHOOL				
6.	Bachelor of Business Administration	'AO' level pass in Mathematics or pass in 'O' level Additional Mathematics	Pass in H1 Mathematics or Pass in 'O' level Additional Mathematics	No change
FACULTY OF LAW				
7.	Bachelor of Laws	At least B3 grade in General Paper or SAT1 Verbal Score of 700 accompanied by a minimum GP grade of C6	Will retain GP. Reviewing the new Knowledge & Inquiry syllabus	Pending
FACULTY OF SCIENCE				
8.	Bachelor of Science/ Bachelor of Science (Hons) Bachelor of Applied Science/ Bachelor of Applied Science (Hons)	Pass in any two of the following at 'A' Level: Biology, Chemistry, Computing, Physics, Physical Science, either Mathematics or Further Mathematics	H2 (or equivalent) passes in any two of the following: Biology, Chemistry, Computing, Physics, Mathematics	No change
9.	Bachelor of Science (Pharmacy)/ Bachelor of Science (Pharmacy) (Hons)	'A' Level passes in Biology and Chemistry.	H2 (or equivalent) passes in Biology and Chemistry	No change
FACULTY OF MEDICINE				
10.	Bachelor of Medicine/ Bachelor	Chemistry at 'A' level or equivalent;	Pass in H2 Chemistry and	No change

S/No.	Degree	Current Prerequisites	Prerequisites under the new 'A' level curriculum	Status**
	of Surgery	and 'A' level or equivalent passes in two other subjects, of which one must be Biology or Physics	either pass in H2 Biology or H2 Physics and pass in another H2 subject	
FACULTY OF DENTISTRY				
11.	Bachelor of Dental Surgery	Chemistry at 'A' level or equivalent; and 'A' level or equivalent passes in two other subjects, of which one must be Biology or Physics	Pass in H2 Chemistry and either pass in H2 Biology or H2 Physics and pass in another H2 subject	No change
FACULTY OF ARTS & SOCIAL SCIENCES				
12.	Bachelor of Arts/ Bachelor of Arts (Hons)/ Bachelor of Social Sciences (Hons)	Passes in at least 2 'A' level subjects	Passes in at least 2 subjects at H2 level	No change
FACULTY OF ENGINEERING				
Bachelor of Engineering (Hons)				
13.	Common Engineering	'A' level pass in Mathematics and Physics	Pass in H2 Mathematics and H2 Physics	No change
14.	BioEngineering	'A' level pass in Mathematics and Physics	Pass in H2 Mathematics and H2 Physics	No change
15.	Chemical Engineering	'A' level pass in Mathematics and Chemistry; and 'AO' level pass in Physics	Pass in H2 Mathematics and H2 Chemistry; and Pass in H1 Physics	No change
16.	Civil Engineering	'A' level pass in Mathematics and Physics	Pass in H2 Mathematics and H2 Physics	No change
17.	Computer Engineering	'A' level pass in Mathematics and Physics	Pass in H2 Mathematics and H2 Physics	No change
18.	Electrical Engineering	'A' level pass in Mathematics and Physics	Pass in H2 Mathematics and H2 Physics	No change
19.	Environmental Engineering	'A' level pass in Mathematics and Chemistry; and 'AO' level pass in	Pass in H2 Mathematics and H2 Chemistry; and Pass in H1 Physics	No change

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		Physics		
20.	Industrial & Systems Engineering	'A' level pass in Mathematics and Physics	Pass in H2 Mathematics and H1 Physics	Relaxed from 'A' level Physics to H1 Physics
21.	Materials Science and Engineering	'A' level pass in Mathematics and Physics	Pass in H2 Mathematics and H2 Physics	No change
22.	Mechanical Engineering	'A' level pass in Mathematics and Physics	Pass in H2 Mathematics and H2 Physics	No change

Faculty of Arts and Social Sciences (Pre-requisites for subject majors)

S/No.	Degree	Current Prerequisites	Prerequisites under the new 'A' level curriculum	Status**
23.	Bachelor of Arts (Chinese Studies/ Chinese Language)	At least a B4 for Chinese (CL or CL2) at 'AO' level or a Pass for Chinese (CL or CL2) or Higher Chinese (HCL or CL1) at 'A' level	Admission to the Faculty and <ul style="list-style-type: none"> at least a B4 in any of the Chinese H1 subjects (for e.g. Chinese Language, General Studies in Chinese and History of Chinese Literature) or at least a pass in any of the Chinese H2 subjects (for e.g. Chinese Language and Literature) or at least a B4 in 'O' level Higher Chinese 	Relaxed from 'A'/'AO' level Chinese subjects to 'O' level Higher Chinese; comparable with Malay Studies
24.	Bachelor of Arts (Economics)	The Economics major programme is open to all matriculated students of the Faculty of Arts and Social Sciences.	Admission to the Faculty	No change
25.	Bachelor of Arts (English Language)	A good pass in the General Paper or equivalent; or a pass in the Qualifying English Test conducted by	Admission to the Faculty, and <ul style="list-style-type: none"> exemption or pass in Qualifying English Test, or 	No mention of GP

S/No.	Degree	Current Prerequisites	Prerequisites under the new 'A' level curriculum	Status**
		the University; or satisfactory completion of all required ES modules.	<ul style="list-style-type: none"> satisfactory completion of required remedial English modules 	
26.	Bachelor of Arts (English Literature)	A good pass in the General Paper or equivalent; or a pass in the Qualifying English Test conducted by the University; or satisfactory completion of all required ES modules; or comparable qualifications such as a good grade in Literature at the 'O' or 'A' levels or equivalent.	Admission to the Faculty, and <ul style="list-style-type: none"> exemption or pass in Qualifying English Test, or satisfactory completion of required remedial English modules 	No mention of GP
27.	Bachelor of Arts (European Studies)	The programme is available to all students of the Faculty of Arts and Social Sciences. Previous knowledge of European languages is not required.	Admission to the Faculty	No change
28.	Bachelor of Arts (Geography)	Strong interest in Geography and a good command of English.	Admission to the Faculty	No change
29.	Bachelor of Arts (History)	Good 'O' and/ or 'A' level passes or equivalent in History; or good 'A' level passes or equivalent including the General Paper and a keen interest in the subject.	Admission to the Faculty	No mention of History and GP
30.	Bachelor of Arts (Information and Communications Management)	Good 'A' level results or equivalent and a keen interest in the subject.	Admission to the Faculty	No change
31.	Bachelor of Arts (Japanese Studies)	Keen interest in the subject. Students	Admission to the Faculty	No change

S/No.	Degree	Current Prerequisites	Prerequisites under the new 'A' level curriculum	Status**
		are not expected to have studied Japanese but for those who have, placement tests will be conducted to enable them to pursue language modules appropriate for their level.		
32.	Bachelor of Arts (Malay Studies)	HML at the G.C.E 'O' Level Examination; or have obtained a pass in Malay at advanced level or 'AO' Level. G.C.E 'O' Level (ML2) holders may, at the discretion of the Head of Department, be admitted on obtaining a pass at the Departmental language test	Admission to the Faculty, and <ul style="list-style-type: none"> • Higher Malay at O' level or equivalent; or • pass in H1 Malay Language; or • pass in H2 Malay Language and Literature; or • Department language test. 	Revised to include H2 MLL; comparable with Chinese Studies
33.	Bachelor of Arts (Mathematics)	An 'AO' level pass or equivalent in a mathematics subject or its equivalent (e.g. an 'O' level pass or equivalent in Additional Mathematics).	Admission to the Faculty, and <ul style="list-style-type: none"> • pass in H1 Mathematics; or • pass in 'O' level Additional Mathematics 	No change
34.	Bachelor of Arts (Philosophy)	No entry requirement to read Philosophy.	Admission to the Faculty	No change
35.	Bachelor of Arts (Political Science)	A good pass in the General Paper and other related subjects, and an interest in current affairs.	Admission to the Faculty	No mention of GP
36.	Bachelor of Arts (Psychology)	Good 'A' level passes or equivalent; good command of English; and at least an 'O' level pass or equivalent in Mathematics.	Admission to the Faculty, and <ul style="list-style-type: none"> • pass in 'O' level Mathematics or equivalent, and • at least C6 in H1 General Paper, or 	No change

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			pass Qualifying English Test, or satisfactory completion of any required remedial English modules	
37.	Bachelor of Arts (Social Work)	A strong interest in working with people, and good 'A' level results or equivalent.	Admission to the Faculty	No change
38.	Bachelor of Arts (Sociology)	Strong interest in the subject and good 'A' level results or equivalent including the General Paper.	Admission to the Faculty	No mention of GP
39.	Bachelor of Arts (South Asian Studies)	Good 'A' level results or equivalent including the General Paper and an interest in the region. No prior knowledge of the region is required.	Admission to the Faculty	No mention of GP
40.	Bachelor of Arts (Southeast Asian Studies)	Good 'A' level results or equivalent.	Admission to the Faculty	No change
41.	Bachelor of Arts (Statistics)	An 'A' level pass in a Mathematics subject or its equivalent.	Admission to the Faculty, and <ul style="list-style-type: none"> pass in H1 Mathematics or equivalent 	Relaxed from 'A' level Mathematics to H1 Mathematics
42.	Bachelor of Arts (Theatre Studies)	A good pass in the General Paper or equivalent; or a pass in the Qualifying English Test conducted by the University; or satisfactory completion of all required ES modules.	Admission to the Faculty, and <ul style="list-style-type: none"> exemption or pass in Qualifying English Test, or satisfactory completion of required remedial English modules 	No mention of GP

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** compares current prerequisites with prerequisites under the new 'A' level curriculum.

