

Annex A

	Faculty	University	Pre-requisites	Test / Interviews
Arts and Social Sciences	Chinese language/ Chinese studies (NUS) / Chinese (NTU)	NUS	At least B4 for <ul style="list-style-type: none"> ▪ Higher Chinese at GCE 'O' level ▪ Chinese Language at 'AO' level OR A pass for <ul style="list-style-type: none"> ▪ Chinese at GCE 'A' level ▪ Higher Chinese at GCE 'A' level OR <ul style="list-style-type: none"> ▪ At least C grade for Chinese Language (H1CL) at GCE 'A' level OR A pass for <ul style="list-style-type: none"> ▪ Chinese Language and Literature (H2CLL) at GCE 'A' level ▪ Chinese Language and Literature (H3CLL) at GCE 'A' level Students with other similar qualifications should approach the department for clarification	
		NTU	Pass in H2 level Chinese or good pass in H1 level Chinese or 'O' level Higher Chinese or distinction in 'O' level Chinese	On a selective basis
	Communications And New Media (NUS)/ Communication Studies (NTU)	NUS	Open to all registered students of the Faculty. However, to major, students must obtain at least a B- grade in the exposure module NM1101E or do well in a placement exam, or have a creative portfolio assessed.	
		NTU	Good pass in General Paper or Knowledge & Inquiry (at least B in order to be considered)	
	English language/ English literature/ Theatre studies (NUS) / English literature (NTU)	NUS	Exempted from NUS Qualifying English Test (at least C in General Paper (GP) or D in Knowledge & Inquiry (KI)) OR Passed NUS Qualifying English Test OR Exempted from further CELC Remedial English modules	
		NTU	A good grade in H1 Level English Literature or General Paper or Knowledge & Inquiry or H2 level History	Yes
	Malay Studies	NUS	A pass in Higher Malay Language at GCE 'O' level OR A H1 pass in Malay Language OR H2/H3 pass in Malay Language and Literature Students with other similar qualifications should approach the department for clarification	

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Arts and Social Sciences	Psychology	NUS	A pass in Mathematics at GCE 'O' level or its equivalent. However, to major, students must obtain at least a B- grade in relevant exposure modules PL1101E and PL2131.	
		NTU	A good grade in H1 Level Mathematics, and a good grade in General Paper or Knowledge & Inquiry	On a selective basis
	Economics	NUS	Open to all registered students of the Faculty	
		NTU	A good grade in H1 Level Mathematics, and a good grade in General Paper or Knowledge & Inquiry	On a selective basis
		SMU*	A good pass in Mathematics at H2 Level/A-Level/Additional Mathematics at O-Level or have an alternative Mathematics background.	
	European Studies	NUS	Open to all registered students of the Faculty (Previous knowledge of European languages is not required)	
	Geography	NUS	Open to all registered students of the Faculty	
	History	NUS	Open to all registered students of the Faculty	
	Japanese studies	NUS	Open to all registered students of the Faculty (Previous knowledge of Japanese is not required)	
	Philosophy	NUS	Open to all registered students of the Faculty	
		NTU	A good grade in General Paper or Knowledge & Inquiry or H1 English Literature or H2 History.	On a selective basis
	Political Science	NUS	Open to all registered students of the Faculty	
	Social Work	NUS	Open to all registered students of the Faculty (Must have the aptitude for, and a strong interest in, working with people)	
	Sociology	NUS	Open to all registered students of the Faculty	
NTU		Good pass in General Paper or Knowledge & Inquiry	Yes	

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Arts and Social Sciences	Social Science	SMU*	See Annex A	
	Southeast Asian Studies	NUS	Open to all registered students of the Faculty	
	South Asian Studies	NUS	Open to all registered students of the Faculty	
	Art, Design & Media	NTU	<p>'O' level or equivalent pass in Mathematics and a good grade in General Paper or Knowledge & Inquiry. In addition, candidates are required to produce and submit the following materials for admission assessment: a portfolio, a personal statement, a creative film/photo sequence/sound piece, and three drawings.</p> <p>For specific submission instructions and details, please refer to http://www.adm.ntu.edu.sg/ProspectiveADM/UndergraduateProgrammes/ApplicationProcedures/Pages/ApplicationProcedures.aspx</p>	
	Linguistics & Multilingual Studies*	NTU	A good grade in H1 English Literature, Geography, or History; or a good grade in General Paper, Knowledge & Inquiry or H1 Mother Tongue Language	Yes
School of Business	Business Administration (NUS)/ Business (NTU)	NUS	H1 pass in Mathematics or pass in 'O' Level Additional Mathematics.	No
		NTU	H1 level pass in Mathematics or 'O' level or equivalent pass in Additional Mathematics	On a selective basis
	Business Administration (Accountancy)/ NTU Accountancy	NUS	H1 pass in Mathematics or pass in 'O' Level Additional Mathematics.	No
		NTU	H1 level pass in Mathematics or 'O' level or equivalent pass in Additional Mathematics	On a selective basis
	Business Management	SMU*	A good pass in Mathematics at H2 Level/A-Level/Additional Mathematics at O-Level.	
School of Computing	Computer Science (incl. Communications and Media)	NUS	H2 pass in Computing or Mathematics or Physics; <u>OR</u> a good pass in H1 Mathematics	Yes
	Information Systems (incl. Electronic Commerce)	NUS	H2 pass in Computing; <u>OR</u> a good pass in H1 Mathematics.	Yes
	Computational Biology	NUS	H2 pass in Computing or Mathematics or Physics; or a good pass in H1 Mathematics.	Yes

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Dentistry	Dentistry	NUS	H2 pass in Chemistry and either Biology or Physics.	Yes
School of Design & Environment	Architecture	NUS	H1 pass in Chemistry or Mathematics or Physics; OR pass in 'O' level Additional Mathematics.	Yes
	Industrial Design	NUS	H1 pass in Chemistry or Mathematics or Physics; OR pass in 'O' level Additional Mathematics	Yes
	Project & Facilities Management	NUS	H1 pass in Chemistry or Mathematics or Physics.	No
	Real Estate	NUS	H1 pass in Chemistry or Mathematics or Physics.	No
Engineering	Engineering [†] (common)	NUS	H2 pass in Mathematics and either Physics or Chemistry.	No
	Bioengineering [†]	NUS	H2 pass in Mathematics and either Physics or Chemistry. Candidates who do not have a H2 pass in Biology will have to read the Biology Bridging Module (LSM1301) in the 1st year. Those without a H2 pass in Chemistry will have to read the Chemistry Bridging Module (CM1417) in the 1st year.	No
		NTU	H2 pass in Mathematics, and H2 pass in either Physics, Chemistry, Biology or Computing, and H1 or 'O' level pass in Physics or equivalent.	
	Chemical Engineering [†] (NUS) / Chemical & Biomolecular Engineering (NTU)	NUS	H2 pass in Mathematics, Chemistry and Physics.	No
		NTU	H2 pass in Mathematics and Chemistry, and H1 or 'O' level pass in Physics or equivalent.	
	Computer Engineering [†]	NUS	H2 pass in Mathematics and either Physics or Chemistry. (Jointly Conducted by Faculty of Engineering & School of Computing)	No
		NTU	H2 pass in Mathematics, and H2 pass in either Physics, Chemistry, Biology or Computing, and H1 or 'O' level pass in Physics or equivalent.	
	Computer Science	NTU	H2 pass in Mathematics, and H2 pass in either Physics, Chemistry, Biology or Computing, and H1 or 'O' level pass in Physics or equivalent.	

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Engineering	Information Engineering & Media	NTU	H2 pass in Mathematics, and H2 pass in either Physics, Chemistry, Biology or Computing, and H1 or 'O' level pass in Physics or equivalent.	
	Civil Engineering [‡]	NUS	H2 pass in Mathematics and either Physics or Chemistry.	No
		NTU	H2 pass in Mathematics, and H2 pass in either Physics, Chemistry, Biology or Computing, and H1 or 'O' level pass in Physics or equivalent.	
	Electrical Engineering [‡] (NUS)/ Electrical and Electronics Engineering (NTU)	NUS	H2 pass in Mathematics and either Physics or Chemistry.	No
		NTU	H2 pass in Mathematics, and H2 pass in either Physics, Chemistry, Biology or Computing, and H1 or 'O' level pass in Physics or equivalent.	
	Environmental Engineering [‡]	NUS	H2 pass in Mathematics, Chemistry and Physics.	No
		NTU	H2 pass in Mathematics, and H2 pass in either Physics, Chemistry, Biology or Computing, and H1 or 'O' level pass in Physics or equivalent.	
	Engineering Product Development	SUTD [◇]	See Annex A	
	Engineering Science	NUS	H2 pass in Mathematics and Physics.	No
	Industrial & Systems Engineering [‡]	NUS	H2 pass in Mathematics and either Physics or Chemistry.	No
	Engineering Systems and Design	SUTD [◇]	See Annex A	
	Materials Science & Engineering [‡] (NUS)/ Materials Engineering (NTU)	NUS	H2 pass in Mathematics and either Physics or Chemistry.	No
		NTU	H2 pass in Mathematics, and H2 pass in either Physics, Chemistry, Biology or Computing, and H1 or 'O' level pass in Physics or equivalent.	
	Information Systems Technology and Design	SUTD [◇]	See Annex A	
Mechanical Engineering [‡]	NUS	H2 pass in Mathematics and either Physics or Chemistry.	No	
	NTU	H2 pass in Mathematics, and H2 pass in either Physics, Chemistry, Biology or Computing, and H1 or 'O' level pass in Physics or equivalent.		

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Eng	Aerospace Engineering	NTU	H2 pass in Mathematics, and H2 pass in either Physics, Chemistry, Biology or Computing, and H1 or 'O' level pass in Physics or equivalent.	
Law	Law	NUS	Good overall A level results, with at least a B grade in H1 General Paper (GP), or a good pass in H2 Knowledge & Inquiry (KI), or a SAT I / Critical Reading score of at least 700 accompanied by a minimum E grade for GP/KI.	Yes
		SMU	B grade and above for GP/KI.	Yes
School of Medicine	Medicine	NUS	H2 pass in Chemistry and either Biology or Physics.	Yes
		NTU	<p>H2 Level pass in Chemistry and Biology/Physics. In addition, candidates are required to submit the following materials for admission assessment:</p> <ol style="list-style-type: none"> 1. Academic results 2. Personal statement 3. Co-curricular accomplishments (if the applicant would like to be considered under Non-Academic Achievements/Exceptional Individual Scheme) 4. Official testimonial issued by school 5. Two online reference reports 6. Any other supporting documents <p>BioMedical Admissions Test (BMAT) Applicants will have to register for the Biomedical Admissions Test (BMAT) and take the BMAT as part of the criteria for entry to the Lee Kong Chian School of Medicine (LKC Medicine) programme. Applicants take the BMAT around November each year, prior to their application to the LKC Medicine. Only results of the BMAT taken in the 12-month period prior to admission to LKC Medicine will be considered in the selection process. For more details on the BMAT, please refer to www.bmat.org.uk. For further details, please visit www.lkcmedicine.ntu.edu.sg/Admissions/Pages/index.aspx.</p>	Yes
	Nursing	NUS	Pass in any two of the following H2 subjects: Biology, Chemistry, Computing, Physics and Mathematics.	Yes
Conservatory of Music	Music	NUS	'A' Level certificate. Students applying for a major in Recording Arts and Science need to have H2 passes in Mathematics and Physics.	Yes

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National Institute of Education	Arts (Education)	NTU	<p>2 subjects taken at H1 level, including a pass in General Paper or Knowledge & Inquiry, taken at one and the same sitting.</p> <p>Pass in at least 5 subjects including English as a First Language taken at 'O' levels</p> <p>Pass in Mathematics at either 'O' level or at least at H1 level in the 'A' level examinations</p> <p>(This degree programme offers many courses which may require further subject prerequisites. Please refer to NIE website for details: http://www.nie.edu.sg/studynie/initial-teacher-preparation-programme/degree-programmes)</p>	Yes
	Science (Education)	NTU	<p>2 subjects taken at H1 level, including a pass in General Paper or Knowledge & Inquiry, taken at one and the same sitting.</p> <p>Pass in at least 5 subjects including English as a First Language taken at 'O' levels</p> <p>Pass in Mathematics at either 'O' level or at least at H1 level in the 'A' level examinations</p> <p>(This degree programme offers many courses which may require further subject prerequisites. Please refer to NIE website for details: http://www.nie.edu.sg/studynie/initial-teacher-preparation-programme/degree-programmes)</p>	Yes

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	Faculty	University	Pre-requisites	Test / Interviews
Science	Information Systems Management	SMU*	See Annex A	
	Pharmacy	NUS	Very good H2 passes in Chemistry, and Biology or Physics or Mathematics.	No
	Environmental Studies, specialising in Environmental Biology or Geography (NUS) / Environmental Earth Systems Science (NTU)	NUS	H1 pass in Mathematics and H2 pass in either Biology or Chemistry. Students who do not meet the criteria but have a keen interest may be interviewed for suitability.	
		NTU	Good passes in H2 Mathematics and Physics/Chemistry/Biology/Economics/Computing	On a selective basis
	Architecture and Sustainable Design	SUTD [◇]	See Annex A	
	Science	NUS	Pass in any two of the following H2 subjects: Biology, Chemistry, Computing, Physics and Mathematics. Please refer to www.science.nus.edu.sg for respective subjects.	No
	Chemistry (NUS) / Chemistry & Biological Chemistry (NTU)	NUS	Good H2 pass in Chemistry and at least a good 'O' level pass in Mathematics.	
		NTU	H2 pass in Chemistry and Mathematics or Physics	
	Applied Chemistry	NUS	Good H2 pass in Chemistry and preferably in Mathematics. Streaming of the Applied Chemistry track will only be carried out after Year 1.	
	Computational Biology	NUS	Good H2 passes in Mathematics and either Biology or Chemistry or Physics. Students without H2 pass or equivalent in any two of the three Science subjects (Biology/Chemistry/Physics) should have at least 'O' level or equivalent passes in them. (The first two years of this programme are jointly conducted by School of Computing and Faculty of Science.)	Yes
Food Science and Technology	NUS	Good H2 passes in Biology, Chemistry, and either Mathematics or Physics.	Yes	

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Faculty		University	Pre-requisites	Test / Interviews
Science	Life Sciences (optional specialisation in Environmental Biology or Biomedical Science or Molecular and Cell Biology) (Hons)	NUS	Good H2 passes or equivalent in Biology, Chemistry, and either Mathematics or Physics. Students without H2 passes in Biology or Chemistry may read the relevant bridging modules as entry requirements.	
	Biological Sciences	NTU	H1 level pass in Mathematics and H2 level pass in Physics or Chemistry or Biology	On a selective basis
	Mathematics / Applied Mathematics (NUS) / Mathematical Sciences (NTU)	NUS	Good H2 pass or equivalent in Mathematics.	
		NTU	H2 level pass in Mathematics	
	Computational/ Quantitative Finance	NUS	Good H2 pass or equivalent in Mathematics. Streaming into this track will be carried out after the first year.	On a selective basis
	Statistics (optional specialisation in Biostatistics or Finance and Business Statistics) (Hons)	NUS	Good H2 pass or equivalent in Mathematics.	
	Physics (optional specialization in Astrophysics or Physics-in-Technology) (Hons) (NUS) / Physics / Applied Physics (NTU)	NUS	Good H2 passes in Mathematics and Physics.	
		NTU	H2 level pass in Physics and Mathematics	
Maritime Studies	NTU	H1 pass in Mathematics or 'O' level pass in Additional Mathematics, and pass in H1 or 'O' level in a Science subject		
Sports Science & Management				
Sports Science & Management	NTU	H1 level pass in Mathematics or 'O' level or equivalent pass in Additional Mathematics	On a selective basis	

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‡ **For NUS:** Students without H1 or H2 Physics need to have an 'O' Level pass in Physics or its equivalent and they are required to take Physics bridging modules.

^ **For NTU:** 'O' Level pass in Physics is only applicable to applicants who have not read Physics at H2 or H1 Level.

Please note that the list of university courses above is not exhaustive. There is an increasing trend of double major and double degree programmes offered by the various universities. Examples include Physics & Life Sciences, Mathematics & Economics, Economics & Business, Materials Science and Engineering & Physics, Engineering & Economics, Business Administration & Law, Law & Life Sciences, Mathematics/Applied Mathematics & Computer Science, among many others.

The requirements for these programmes are often more stringent than those reflected for the individual majors. For more details, please refer to the individual university websites:

NUS:<http://www.nus.edu.sg/registrar/edu/UG/spugp-double-degree.html>

NTU:<http://www.ntu.edu.sg/academics/Pages/UndergraduateProgrammes.aspx#dbl>

SMU:<http://admissions.smu.edu.sg/content/double-degree>

(SUTD does not offer any undergraduate double degree programmes at present.)

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* **SMU Admission Criteria 2012/2013**

For applicants with H1/H2/H3 subjects

- Good passes in at least 3 H2 content-based subjects, 1 H1 content-based subject, Project Work and General Paper (GP) or Knowledge & Inquiry (KI). Other acceptable subject combinations include : 4 H2 content-based subjects, Project Work and GP; or 3 H2 content-based subjects, Project Work and KI.
- Law applicants must have A or B grade for GP/KI.
- A good pass in Mathematics at O-level (for Accountancy and Economics Programmes).
- A minimum of "S" grade in H1 Mother Tongue Language, or D7 or better at O level, or a pass in Mother Tongue Language Syllabus B at A level. Successful applicants who have not met the Mother Tongue requirement can still be admitted on a Conditional Offer but must satisfy the requirement before graduating from SMU.
- SAT is optional but an added advantage for those with strong scores (see Notes on SAT below).
- Interview/essay writing for shortlisted applicants.

Notes on SAT (previously known as SAT Reasoning Test)

SAT is not compulsory. High scores can be an added advantage, but they do not replace your A-Level grades. Scores must reach SMU by 31 May to be considered. A score of 1900 or more will be minimally sufficient for applicants to make a competitive application. Please note that meeting the SAT guideline does not guarantee admission as admission to SMU is competitive and selective. The more competitive schools will usually require scores of more than 2000.

SMU will consider SAT scores for tests up to and including the May SAT. For example, to be considered for 2014, the last test to be considered will be the May 2014 SAT. Applicants should therefore take their SAT early and be responsible for ensuring that SAT scores are sent to SMU on time. For the 2014 admission, only the SAT scores obtained in the 5 years up to 31 May 2014 will be considered, that is, SAT scores from tests taken before May 2009 will not be considered. Please visit the College Board website at <http://www.collegeboard.com> for details on SAT and registration. Applicants should indicate 2861 (SMU Institution Code) on their online SAT registration forms, so that the scores will be sent directly to SMU by College Board.

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◇ SUTD Admission Criteria 2012/2013

SUTD has one intake in April of each year. Students who take a 'gap year' or who complete NS at a time that conflicts are encouraged to join the university's Campus Builder Programme that enables people to become involved in university activities before they start their full-time course.

Degree courses offered:

- Bachelor of Science with a major in Architecture and Sustainable Design (8 terms) – with an option to pursue two more terms to obtain Master of Architecture with a major in Architecture and Sustainable Design (i.e. a total of 10 terms)
- Bachelor of Engineering with a major in Engineering Product Development (8 terms)
- Bachelor of Engineering with a major in Engineering Systems and Design (8 terms)
- Bachelor of Engineering with a major in Information Systems Technology and Design (8 terms)

For more details, refer to http://www.sutd.edu.sg/curriculum_pillars.aspx

Criteria for Admission

Applicants (regardless of nationality) who have complete results for the Singapore-Cambridge GCE 'A' Level or are taking the Singapore-Cambridge GCE 'A' Level examinations in Year 2012 may apply.

a. New 'A' Level Curriculum (H1/H2/H3 Subjects)

Applicants should possess good passes in at least 3 H2 content-based subjects, 1 H1 content-based subject, Project Work and General Paper (GP) or Knowledge & Inquiry (KI). Other acceptable subject combinations include: 4 H2 content-based subjects, Project Work and GP; or 3 H2 content-based subjects, Project Work and KI.

SAT scores (optional) can be used to meet the minimum subject requirement for General Paper (GP) or Knowledge & Inquiry (KI).

Please visit the US College Board website at <http://www.collegeboard.org> for details on SAT and registration. Applicants should indicate 6532 (SUTD Institution Code) on their SAT registration forms, so that the scores will be sent directly to SUTD by US College Board.

b. Mother Tongue Language (MTL)

Applicants should meet the Mother Tongue Language (MTL) requirement for admission by having one of the following:

- minimum of D7 for the higher MTL paper taken at the 'O' Level examination
- minimum of 'S' grade for the H1 MTL paper or General Studies in Chinese
- minimum of 'S' grade for the H2 MTL paper taken at the 'A' Level examination
- a pass in the MTL 'B' Syllabus paper at the 'A' Level examination

Applicants who have been exempted from MTL as approved by MOE, the MOE-approved subject-in-lieu will be considered as your MTL subject.

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Potential applicants who meet the minimum admission requirements as indicated in items a) and b) above do not automatically gain admission to the University. Admission to the University is based on competition and merit. It would be dependent on the applicant's academic standing, competition amongst the applicants and other achievements.

c. In addition, the SUTD application consists of the following components:

- Essay (500 words) about your personal statement and portfolios including past three years' experience, leadership and creative achievement(s). Bear in mind that the emphasis at SUTD is very much holistic and there is clearly an interest in the student's all-round personality and inquisitiveness.
- In-person and/or Skype-based interview
- Name and contact of at least one referee i.e. teacher or lecturer from the Junior College/Polytechnic/High school that you are graduating or graduated from
- Records of co-curricular activities and
- Any other supplemental evaluation and information (e.g., blog details, video footage of projects completed, etc.)

For more details, refer to http://ugadmissions.sutd.edu.sg/study/undergraduate_faqs/

Computation of University Score

In computing the University Score, SUTD will take into consideration the following:

- The best three H2 and one H1 content-based subjects, of which one must be a contrasting subject
- GP or KI (taken in the same sitting as the H2 subjects)
- Project Work (PW)

A H1 subject will be counted as half of a H2 in terms of points computation.

MTL may be included in the computation of the University Score. The better of the two scores (i.e. with and without MTL) will be the University Score of the candidate.

For more details please visit MOE website at <http://www3.moe.edu.sg/cpdd/alevel2006/university/beyond.htm>.

We would also like to share with potential students that admission to the University is based on competition and merit. It would be dependent on the applicant's academic standing, competition amongst the applicants & other achievements.

Career prospects;

Graduates from SUTD will not be limited in employment to their respective fields of study and they will have opportunities working in various industries as well as participating in local and international internships.