

Minimum Subjects Requirements for International & Other Qualifications

| Programme | Minimum Subject Requirement | Selection Test/ Interview |
|--|--|------------------------------|
| Engineering | | |
| <p>Aerospace Engineering, Civil Engineering, Electronic & Electrical Engineering, Environmental Engineering, Engineering, Information Engineering & Media, Mechanical Engineering, Engineering [^] with Business Minor <i>[^] in a specific field of Engineering as listed above</i></p> <p><u>Double Degree</u> Business & Computing, Business & Computer Engineering, Engineering [^] & Economics <i>[^] in a specific field of Engineering as listed above, except Engineering.</i></p> <p><u>Integrated Programmes</u> * BEng [EEE] & MSc [ECE] [EEE] – Electrical & Electronic Engrg [ECE] – Electrical & Computer Engrg</p> <p>* With National Infocomm Scholarship. Programmes are only open to Singapore Citizens and Permanent Residents.</p> | <p>Mathematics <u>AND</u> Physics/Chemistry/Biology at Senior High School Level / IB Higher Level <u>OR</u> IB Higher Level Computer Science <u>AND</u> Physics at Junior High School Level ⁺</p> | |
| <p>BioEngineering Computer Engineering Computer Science Engineering [^] with Business Minor <i>[^] in a specific field of Engineering as listed above</i></p> <p><u>Double Degree</u> Engineering [^] & Economics <i>[^] in a specific field of Engineering as listed above</i></p> <p><u>Integrated Programmes</u> * BEng [CS] & MSc [CS], BEng [CE] & MSc [CS], [CS] – Computer Science [CE] – Computer Engineering</p> <p>* With National Infocomm Scholarship. Programmes are only open to Singapore Citizens and Permanent Residents.</p> | <p>Mathematics <u>AND</u> Physics/Chemistry/Biology/Computer Science at Senior High School Level/IB Higher Level <u>AND</u> Physics at Junior High School Level ⁺</p> | |

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|---|---|---------------------------|
| Chemical & Biomolecular Engineering, Chemical and Biomolecular Engineering & Economics (Double Degree) | Mathematics and Chemistry at Senior High School Level / IB Higher Level <u>AND</u> Physics at Junior High School Level + | |
| Materials Engineering Materials Engineering & Economics (Double degree) | Mathematics and Physics/Chemistry/Biology at Senior High School Level/IB Higher Level <u>AND</u> Physics at Junior High School Level + | |
| Maritime Studies [#] , Maritime Studies with Business Major [#] | Additional Mathematics <u>AND</u> Physics/Chemistry/ Biology/Science at Junior High School Level | |
| Science | | |
| Biological Sciences, Biological Sciences with Business Minor | Mathematics at Junior High School Level/ IB Standard Level <u>AND</u> Physics/Chemistry/Biology at Senior High School Level/IB Higher Level | On a selective basis |
| Biomedical Sciences and Chinese Medicine (Double Degree) | Mathematics and Chinese at Junior High School Level/IB Standard Level <u>AND</u> Physics/Chemistry/Biology at Senior High School Level/IB Higher Level | On a selective basis |
| Chemistry & Biological Chemistry | Chemistry and Mathematics/Physics at Senior High School Level/IB Higher Level | |
| Mathematical Sciences, Mathematics & Economics (Combined Degree), Mathematical Sciences with Minor in Finance | Mathematics at Senior High School Level/IB Higher Level | |
| Physics / Applied Physics, Physics with Mathematical Sciences Major | Physics and Mathematics at Senior High School Level/IB Higher Level | |
| Integrated (Engineering and Business) | | |
| Renaissance Engineering Programme ▲ | Mathematics <u>AND</u> Physics/Chemistry/Biology at Senior High School Level / IB Higher Level <u>OR</u> IB Higher Level Computer Science <u>AND</u> Physics at Junior High School Level + <u>AND</u> A good grade in General Paper or English at Senior High School Level/IB Standard Level | Yes |
| Business | | |
| Accountancy, Business, Accountancy & Business (Double Degree) | Additional Mathematics at Junior High School Level/Mathematics at IB Standard Level | On a selective basis |
| Humanities, Arts, & Social Sciences | | |
| Art, Design & Media | Mathematics at Junior High School Level/ Mathematics at IB Standard Level. In addition, candidates are required to prepare and submit the following materials for admission assessment: 1. A Portfolio 2. A Personal Statement 3. A Creative Writing/Film 4. Three Drawings For specific submission instructions and details, please refer to ADM Admission Requirements . | |

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| Chinese | A good grade in Chinese at Junior High School Level/IB Standard Level | <i>On a selective basis</i> |
| Economics, Psychology | A good grade in Additional Mathematics at Junior High School or Mathematics at IB Standard Level and a good grade in English at Senior High School Level/ IB Standard Level | <i>On a selective basis</i> |
| Communication Studies | A good grade in General Paper or English at Senior High School Level/IB Standard Level | Yes |
| English Literature, Linguistics & Multilingual Studies, Sociology | A good grade in General Paper or English at Senior High School Level/IB Standard Level | Yes |
| History | A good grade in General Paper or English at Senior High School Level/IB Standard Level | <i>On a selective basis</i> |
| Education | | |
| Arts (Education) ^{>} , Science (Education) ^{>} | Pass in English and Mathematics at Senior High School Level/IB Standard Level. Pass in at least 5 subjects including English as a First Language taken at Junior High School Level. Preferably a good score for IELTS or TOEFL. ^{>} <i>These degree programmes offer many courses which may require further subject prerequisites. Please refer to the NIE website for details.</i> | Yes |
| Sport Science | | |
| Sport Science & Management [#] | Additional Mathematics at Junior High School Level/Mathematics at IB Standard Level | <i>On a selective basis</i> |

+ Junior High School Level in Physics is only applicable to applicants who have not read Senior High School Physics.

Programmes leading to Bachelor of Science degree.

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

Updated as of 11 January 2012

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