Mathematics Requirements for Admissions to selected NUS Programmes

Applicants applying with a Diploma from one of the following Polytechnics or institutions in Singapore are required to fulfil the corresponding Mathematics requirements in order to be considered for the respective NUS programmes in Table 1.

- Nanyang Polytechnic
- Ngee Ann Polytechnic
- Republic Polytechnic
- Singapore Polytechnic
- Temasek Polytechnic
- BCA Academy
- LASALLE College of the Arts
- Nanyang Academy of Fine Arts (NAFA)
- Institute of Technical Education (Work-Study Diploma [WSDip])

Table 1: List of Single Degree Programmes with Mathematics requirements

<table>
<thead>
<tr>
<th>NUS Degree Programme</th>
<th>GCE O-Level Mathematics Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Architecture</td>
<td>At least a pass in Mathematics</td>
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<tr>
<td>Industrial Design</td>
<td>At least a pass in Mathematics</td>
</tr>
<tr>
<td>Landscape Architecture</td>
<td>At least a pass in Mathematics</td>
</tr>
<tr>
<td>Computer Engineering</td>
<td>At least a B4 grade in Additional Mathematics</td>
</tr>
<tr>
<td>Business Analytics</td>
<td>• At least a A2 grade in Mathematics; or</td>
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<tr>
<td></td>
<td>• At least a B3 grade in Additional Mathematics</td>
</tr>
<tr>
<td>Computer Science</td>
<td>At least a B3 grade in Additional Mathematics</td>
</tr>
<tr>
<td>Information Security</td>
<td>• At least a A2 grade in Mathematics; or</td>
</tr>
<tr>
<td></td>
<td>• At least a B4 grade in Additional Mathematics</td>
</tr>
<tr>
<td>Information Systems</td>
<td>• At least a A2 grade in Mathematics; or</td>
</tr>
<tr>
<td></td>
<td>• At least a B4 grade in Additional Mathematics</td>
</tr>
</tbody>
</table>

Applicants who do not fulfill the GCE O-Level Mathematics requirements for the programmes listed in Table 1 but have obtained one of the programme transcripts/certificates listed in Table 2 would be deemed as having met the Mathematics requirements for these programmes.

Table 2: List of additional certificates to meet Mathematics requirements

<table>
<thead>
<tr>
<th>Polytechnic</th>
<th>Additional Certificate(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nanyang Polytechnic</td>
<td>Graduate DPP Transcript consisting of the following three Diploma Plus modules:</td>
</tr>
<tr>
<td></td>
<td>• Analytical Geometry,</td>
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<td></td>
<td>• Applied Calculus and</td>
</tr>
<tr>
<td></td>
<td>• Advanced Calculus.</td>
</tr>
<tr>
<td>Ngee Ann Polytechnic</td>
<td>• Diploma Plus Programme (Certificate in Advanced Computing Mathematics)</td>
</tr>
<tr>
<td></td>
<td>• Diploma Plus Programme (Certificate in Advanced Engineering Mathematics)</td>
</tr>
<tr>
<td>Republic Polytechnic</td>
<td>• Diploma Plus Certificate in Mathematics</td>
</tr>
<tr>
<td></td>
<td>• University Mathematics Preparatory Course (Certificate in Mathematics)</td>
</tr>
</tbody>
</table>
Polytechnic | Additional Certificate(s)
---|---
Singapore Polytechnic | • Certificate in Advanced Mathematics


Temasek Polytechnic | Certificate in University Preparatory Mathematics

Notes:

- Applicants who are offered admission to Business Analytics, Computer Engineering, Computer Science, Information Security and Information Systems and have fulfilled the GCE O-Level Mathematics requirement in Table 1 are required to sit for MA1301 Mathematics Proficiency Test upon admission or read MA1301 as a bridging course for fulfilment of their degree requirements. Please visit [here](#) for more information on MA1301 Mathematics Proficiency Test and exemption.

- Applicants who do not fulfil the Mathematics requirements indicated in Table 1 or the relevant additional certificate in Table 2 may still submit an application to be considered for the programmes. They will be assessed based on their polytechnic results and other additional results/certificates presented in the Achievements section. The University may evaluate these applicants on a case-by-case basis. Shortlisted candidates may be required to attend an admissions interview under the faculties’ discretion.

- Applicants who wish to fulfil the Mathematics requirement may use a certificate from a polytechnic that they did not graduate from and should have obtained the certificate by the application closing date.