OFFICE OF TEACHER EDUCATION
Nurturing Tomorrow’s Educators

BACHELOR OF ARTS / SCIENCE (EDUCATION)
INTRODUCTION

The National Institute of Education, (NIE) Singapore is a founding member of the International Alliance of Leading Education Institutes and an integral part of Singapore’s education system for the past 60 years. NIE prepares new teachers, provides ongoing professional development to existing teachers and school leaders, and conducts extensive educational research. We aim to nurture tomorrow’s educators.

NIE’s programmes provide student teachers with a strong educational foundation, pedagogies for effective teaching and specialized subject knowledge in at least one academic discipline. Our initial teacher preparation programmes offer three teaching tracks at the primary, secondary and junior college levels. There are multiple pathways catering to student teachers with diverse educational backgrounds. NIE offers the Bachelor of Arts/Science (Education) programmes and Diploma in Education for those with pre-university qualifications, and the Postgraduate Diploma in Education for university graduates.

BACHELOR OF ARTS (EDUCATION) / BACHELOR OF SCIENCE (EDUCATION)

The degree programmes integrate the best of an academic degree with a good foundation in the field of education to produce graduates with the values, skills and knowledge to excel in careers both in education and various academic discipline-related fields.

The Bachelor of Arts (Education) and the Bachelor of Science (Education) programmes are four-year programmes for which an honours degree may be awarded based on excellent overall performance.

Candidates have a choice of either the primary or the secondary teaching track.

TIME FRAME

The duration of the programme is 4 years and spans over 8 semesters.

PROGRAMME STRUCTURE FOR BACHELOR OF ARTS (EDUCATION)/ BACHELOR OF SCIENCE (EDUCATION)

The degree programmes comprise the following areas of study:

- **Academic Subjects (AS)**
  This area of study covers knowledge of the content and fundamental concepts and principles of either one or two subjects depending on the programme enrolled for.

- **Education Studies (ES)**
  This area of study covers the key concepts and principles of education that are necessary for effective teaching and reflective practice in schools.

- **Curriculum Studies (CS)**
  These are designed to give student teachers the pedagogical skills in teaching specific subjects in Singapore schools.

- **Subject Knowledge (SK)**
  This group of courses helps to reinforce subject content mastery for primary school teaching.

- **Practicum**
  Student teachers will be attached to schools in blocks of up to 10 weeks so that they can develop teaching competencies in a variety of contexts and at different levels. Student teachers will be closely supervised by university lecturers and will also learn from experienced teachers in the schools about the schooling process.

- **Language Enhancement and Academic Discourse Skills (LEADS)**
  The courses in this component equip student teachers with the basic language and voice skills that they require for teaching, as well as for successfully engaging in academic writing of assignments and theses.

- **Group Endeavours in Service Learning (GESL)**
  GESL seeks to empower student teachers with the skills of conducting service-learning projects while getting in touch with the community around us.

- **Essential Course**
  This course introduces student teachers to the implications of living in a diverse society.

- **General Electives (for Secondary track only)**
  Student teachers enrolled in the Secondary track will read one General Elective.
The award of BA(Ed) or BSc(Ed) is dependent on the choice of Academic Subject(s) taken.

In the case of a BA(Ed) (Primary) student teacher, the choice of the first Academic Subject must be an Arts subject while in the case of a BSc(Ed) (Primary) student teacher, the Academic Subject must be a Science subject.

All BA(Ed) (Secondary) student teachers must read an Arts subject as Academic Subject 1 but can choose an Arts or Science subject as Academic Subject 2 except where restrictions are specified. Similarly, all BSc(Ed) (Secondary) student teachers must choose a Science subject as Academic Subject 1 but can choose an Arts or Science subject as Academic Subject 2 except where restrictions are specified. The list of subjects for the different programmes is shown on the next page. However, due to the nature of workload for some subjects, the subject combinations allowed will have to be necessarily limited and may vary for different intakes.

<table>
<thead>
<tr>
<th>BA (Ed) (Primary)</th>
<th>BA (Ed) (Secondary)</th>
<th>Academic Subjects (AS)</th>
<th>BSc (Ed) (Primary)</th>
<th>BSc (Ed) (Secondary)</th>
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<td>PE and Sports Science***</td>
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<td>Physics</td>
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* Chinese Language and Chinese Literature must be offered as AS1 and AS2 together and not with another Academic Subject in both the primary and secondary specialisations in the BA(Ed) Programme. Chinese Language and Chinese Literature are not offered in the BSc(Ed) Programme.

** In the BA(Ed) Programme, Malay Language and Malay Literature must be offered as AS1 and AS2 together and not with another Academic Subject in the primary specialisation. In the secondary specialisation, Malay Language must be offered as AS1 and Malay Literature as AS2. However, student teachers can opt to offer Malay Language as AS1 and any other Arts subject as AS2 but they will then not be considered as specialising in Malay Language & Literature. Malay Language and Malay Literature are not offered in the BSc(Ed) Programme.

*** PE and Sports Science must be offered as AS1 only in the BSc(Ed) Programme.
ENTRY REQUIREMENTS FOR THE
BA/BSC (EDUCATION) PROGRAMMES

1.1 For GCE ‘A’ Level Holders
(for Examinations taken in Year 2006 or before)
Applicants who have taken the Singapore-Cambridge GCE ‘A’ Level Examination or Higher School Certificate Examination must have obtained:
(a) passes in at least two subjects at ‘A’ level and two subjects at ‘AO’ level including a pass in General Paper (English) taken at one and the same sitting of the examination;
(b) a minimum grade of C6 in at least five subjects including English as a First Language taken at the GCE ‘O’ Level Examination;
(c) a minimum grade of D7 in a second language (Chinese/Malay/Tamil) taken at the GCE ‘A’ Level Examination, or a minimum grade of D7 in a first language (Higher Chinese/Higher Malay/Higher Tamil) taken at the GCE ‘O’ Level Examination;
(d) a pass in Mathematics obtained either at the GCE ‘O’ Level Examination or at least at ‘AO’ level in the GCE ‘A’ Level Examination.

Note: Applicants who have taken commercial subjects in the Singapore-Cambridge GCE ‘A’ Level Examination or equivalent examination must meet the requirements stipulated in paragraph 1.1 above. However,
(a) Office Administration and Principles and Practice of Office Administration are not subjects acceptable for admission to the University, AND
(b) Office Administration and Stenography, Shorthand and Typing, and Office Administration and Shorthand/Typewriting duties are counted as subjects at ‘O’ level irrespective of the level at which the applicant has passed the examination.

1.2 For GCE ‘A’ Level Holders
(for Examinations taken from Year 2007 onwards)
Applicants who have taken the Singapore-Cambridge GCE ‘A’ Level Examination must have obtained:
(a) passes in at least two subjects at H2 level and two subjects at H1 level including a pass in General Paper (or Knowledge and Inquiry at H2 level) taken at one and the same sitting of the examination;
(b) where applicable, a minimum grade of C6 in at least five subjects including English as a First Language taken at the GCE ‘O’ Level Examination;
(c) a minimum ‘S’ grade in a Mother Tongue Language (Chinese/Malay/Tamil) taken at the H1 level or pass in Mother Tongue Language ‘B’ taken in the GCE ‘A’ Level Examination, or a minimum grade of D7 in a first language (Higher Chinese/Higher Malay/Higher Tamil) taken at the GCE ‘O’ Level Examination;
(d) a pass in Mathematics obtained either at the GCE ‘O’ Level Examination or at least at H1 level in the GCE ‘A’ Level Examination.

1.3 For International Baccalaureate Diploma Holders
Applicants who have taken the International Baccalaureate (IB) Diploma Examination must have obtained:
(a) a good overall IB Diploma score; AND
(b) a pass at least at grade 4 in English and Mathematics done at standard level; AND
(c) where applicable, a minimum grade of C6 in at least five subjects including English as a First Language taken at the GCE ‘O’ Level examination.

1.4 For NUS High School Diploma Holders:
Applicants who have taken the NUS High School Diploma Examination must have obtained:
(a) Major CAP of 2.0 in Mathematics; AND
(b) Overall CAP of 2.0 in English Language.

1.5 For Polytechnic Diploma Holders:
(a) Any polytechnic diploma with good results; AND
(b) Same as (b) under paragraph 1.1; AND
(c) Same as (d) under paragraph 1.1.

ACADEMIC SUBJECT PRE-REQUISITES FOR THE BA/BSC (EDUCATION) PROGRAMMES
Special Academic Subject Requirements

ART
• A pass at GCE ‘A’ Level in Art; OR
• A pass in H2 level in Art; OR
• A pass at Higher level in Art (IB Diploma); OR
• At least a major CAP of 2.0 for NUS High School Diploma in Fine Art; OR
• Art-Related Diploma from recognised colleges and polytechnics; OR
• Candidates with ‘A’ Level or H2 level or Higher level (IB Diploma) from any discipline with strong art portfolios will be considered.

Art Focused interview is compulsory for all applicants.

BIOLOGY
• A pass at GCE ‘A’ Level in Biology; OR
• A pass at H2 level Biology; OR
• A pass at Higher level in Biology (IB Diploma); OR
• At least a major CAP of 2.0 for NUS High School Diploma in Biology; OR
• A good pass at GCE ‘O’ Level in Biology; OR
• At least an overall CAP of 3.5 for NUS High School Diploma in Biology; OR
• A good polytechnic diploma in the approved Biology-related disciplines.
CHEMISTRY
- A pass at GCE ‘A’ Level in Chemistry AND GCE ‘AO’ Level in Mathematics; OR
- A pass at H2 level in Chemistry AND a pass in H1 level in Mathematics; OR
- A pass at Higher level in Chemistry (IB Diploma) AND a pass at standard level in Mathematics (IB Diploma); OR
- At least a major CAP of 2.0 for NUS High School Diploma in Chemistry AND an overall CAP of 2.0 for NUS High School Diploma in Mathematics; OR
- A good polytechnic diploma in Chemical Process Technology, Chemical Engineering, Chemical and Biomolecular Engineering or Chemical & Pharmaceutical Technology.

Students may pursue Chemistry as AS2 if they hold a good polytechnic diploma in Applied Food Science & Nutrition, Biotechnology, Biomedical Laboratory Technology, Biomedical Science, Materials Science, or Medical Technology.

CHINESE LANGUAGE AND CHINESE LITERATURE
- A pass at GCE ‘A’ Level in Higher Chinese or Chinese Language; OR
- A pass at H2 level Chinese Language; OR
- At least a Grade B4 pass at GCE ‘AO’ Level in Chinese Language; OR
- At least a D grade at H1 level in Chinese Language; OR
- At least a Grade B4 pass at GCE ‘O’ Level in Higher Chinese; OR
- A pass at Higher level Chinese (IB Diploma) or at least a grade 4 at Standard level Chinese (IB Diploma); OR
- At least an overall CAP of 3.0 for NUS High School Diploma in Higher Chinese; OR
- A pass in the Chinese Qualifying Test conducted by NIE if the above requirements are not met.

ENGLISH LANGUAGE
- A pass at GCE ‘A’ Level in General Paper; OR
- A pass in Knowledge & Inquiry at H2 level; OR
- A pass at Standard or Higher Level in English (IB Diploma); OR
- At least a Grade B3 pass at GCE ‘O’ level in English Language; OR
- At least an overall CAP of 3.0 for NUS High School Diploma in English Language.

ENGLISH LITERATURE
- A pass at GCE ‘A’ Level in General Paper AND English Literature at H1 or H2 level; OR
- A pass in Knowledge & Inquiry at H2 level AND English Literature at H1 or H2 level; OR
- A pass at Higher level in English (IB Diploma); OR
- At least a Grade B4 pass at GCE ‘O’ level in English Language AND English Literature; OR
- At least an overall CAP of 3.0 for NUS High School Diploma in English Language AND English Literature.

FAMILY AND CONSUMER SCIENCES
- A pass at GCE ‘A’ Levels or H2 level or Higher level (IB Diploma) in any science subject; OR
- At least a major CAP of 2.0 for NUS High School Diploma in any science subject; OR
- A Polytechnic diploma (in a related Family and Consumer Sciences area).

GEOGRAPHY
- No pre-requisites.

HISTORY
- No pre-requisites.

MALAY LANGUAGE AND MALAY LITERATURE
- A pass at GCE ‘A’ Level in Higher Malay or Malay Language; OR
- A pass at H2 level Malay Language; OR
- At least a Grade A2 pass at GCE ‘AO’ Level in Malay Language; OR
- At least a Grade B pass at H1 level in Malay Language; OR
- At least a Grade B3 pass at GCE ‘O’ Level in Higher Malay; OR
- At least a Grade A2 pass at GCE ‘O’ Level in Malay Language; OR
- A pass at Higher level Malay (IB Diploma) or at least a grade 6 at Standard level Malay (IB Diploma); OR
- At least an overall CAP of 3.5 for NUS High School Diploma in Higher Malay; OR
- At least an overall CAP of 4.0 for NUS High School Diploma in Malay; OR
- At least a Grade B4 at Sijil Pelajaran Malaysia (SPM) in Malay Language; OR
- A pass in the Malay Qualifying Test conducted by NIE if the above requirements are not met.

DRAMA
- No academic pre-requisites.
- Candidates will be required to pass a group workshop-interview.
- The interview will explore interest in and past experience of Drama.
- Candidates are required to be adventurous, imaginative and spontaneous.

MALAY LANGUAGE AND MALAY LITERATURE
- A pass at GCE ‘A’ Level in Higher Malay or Malay Language; OR
- A pass at H2 level Malay Language; OR
- At least a Grade A2 pass at GCE ‘AO’ Level in Malay Language; OR
- At least a Grade B pass at H1 level in Malay Language; OR
- At least a Grade B3 pass at GCE ‘O’ Level in Higher Malay; OR
- At least a Grade A2 pass at GCE ‘O’ Level in Malay Language; OR
- A pass at Higher level Malay (IB Diploma) or at least a grade 6 at Standard level Malay (IB Diploma); OR
- At least an overall CAP of 3.5 for NUS High School Diploma in Higher Malay; OR
- At least an overall CAP of 4.0 for NUS High School Diploma in Malay; OR
- At least a Grade B4 at Sijil Pelajaran Malaysia (SPM) in Malay Language; OR
- A pass in the Malay Qualifying Test conducted by NIE if the above requirements are not met.
ENTRY REQUIREMENT FOR INTERNATIONAL CANDIDATES

In addition to the entry requirements above, international applicants must submit either the International English Language Testing System (IELTS) or Test of English as a Foreign Language (TOEFL) test scores together with their application.

APPLICATION PROCEDURES

Application through the Nanyang Technological University
For those seeking sponsorship from the Ministry of Education (MOE), applications for admission must be submitted online through the Nanyang Technological University (NTU) website at www.ntu.edu.sg. In addition, applicants must submit their application to MOE at www.moe.gov.sg/careers/teach/.

Application to NIE (Full-Fee Paying)
For applicants seeking full-fee paying admission, applications for admission must be submitted online through the Nanyang Technological University (NTU) website at www.ntu.edu.sg. In addition, please complete the application form obtainable from www.nie.edu.sg/teacher-ed/admissions. Completed forms should be submitted to NIE Office of Academic Administration and Services (Admissions and Student Records).

MATHEMATICS

- At least a Grade C at GCE ‘A’ level in Mathematics (Syllabus C); OR
- At least a Grade C at H2 level Mathematics; OR
- At least a Grade C at GCE ‘A’ level in Further Mathematics; OR
- At least a Grade 5 pass at Higher Level Mathematics for IB holders; OR
- At least a major CAP of 3.0 for NUS High School Diploma in Mathematics. Students from the polytechnics will have to sit for and perform satisfactorily in the Mathematics Qualifying Test.

MUSIC

All interested applicants will attend an interview and audition comprising of:
- One or two prepared pieces amounting to between 3 and 5 minutes from any genre/style.
- Sight-singing and aural tests.

Evidence of music certification at the higher levels and/or of significant music performing experience will need to be presented:

- For those trained in Western Art Music:
  - Certification from ABRSM, Trinity, Guildhall, London College of Music (Grade 6) or Australian Music Examination Boards (Grade 5).

- For those with different training and performing experience:
  - Performance Certification from Yamaha Technics or Hammond in pop piano, pop organ, percussion or any other instrument; OR
  - Musical experience in Pop, Rock, Jazz, Symphonic Band, choral groups, Indian, Chinese, Malay, Japanese or any other traditional/folk instruments.

PHYSICAL EDUCATION & SPORTS SCIENCE

- A pass in the Physical Proficiency Test conducted by NIE.
  Candidates should preferably also have strong CCA/Sports involvements in secondary school/JC/Polytechnic.

PHYSICS

- A pass at GCE ‘A’ Level in Physics AND a pass at GCE ‘AO’ Level in Mathematics; OR
- A pass at H2 level in Physics AND a pass in H1 level in Mathematics; OR
- A pass in Higher level in Physics (IB Diploma) AND a pass at standard level in Mathematics (IB Diploma); OR
- At least a major CAP of 2.0 for NUS High School Diploma in Physics AND an overall CAP of 2.0 for NUS High School Diploma in Mathematics; OR
- A good polytechnic diploma in approved Physics-related disciplines.