

Entry test Science Programmes Academic Year 2021-2022

Admission to the Science programmes (Bachelor in Physics and Bachelor in Mathematics, specialisation in Data Science for Artificial Intelligence) are, by default, conditional admissions, the condition being to successfully complete the Foundation Year in Sciences (FYS).

Admission is very selective; the following are minimal criteria to apply

- High-School with a minimum average of 80% (Science, Advanced, Elite Stream, or equivalent)
- Recent EmSAT-Math with a minimum score of 800 (Following MOE regulations, the Emsat exam is required for specific applicants; please refer to the following link for more details)
- Recent EmSAT-English with a minimum score of 1250 or valid Academic-IELTS 5.5, or valid TOEFL-IBT 71

Important Notes

A - The following categories of applicants will be required to sit for a placement exam administered by the University before being considered for a conditional admission in the Science programmes:

- Applicants with no EmSAT score
- Applicants holding an EmSAT score between 800 and 1075

B - Applicants holding an EmSAT-Math score greater than or equal to 1100 do not have to sit the placement test and will be considered for a direct entry into the foundation year of Science

C - Admission is subject to capacity constraints. Applicants might, therefore, be placed on waiting list

D - Based on the recommendation of the admission committee, a selection of outstanding candidates might be either

- 1** - Offered direct and unconditional admission into the three year Bachelor programme of their choice (i.e. without having to successfully complete the FYS first)

or

- 2** - Offered the opportunity to sit a specifically designed placement test, based on which they might be considered for a direct and unconditional admission into the three-year Bachelor programme of their choice

Such applicants will be directly contacted and given all the needed details

Information about the Placement tests:

- 1** - Communication of the results

Applicants will receive a decision concerning their application (admitted, rejected or placed on a waiting list) within 30 days of submitting a complete application and/or sitting the placement test. Applicants having been placed on a Waiting List will receive a final decision (admitted or rejected), within 90 additional days.

A - Placement test for entry in FYS

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The test consists of 30 Multiple Choice Questions in Mathematics to be completed in 90 minutes.

- Applicants are tested on pre-calculus (polynomials, rational fractions, trigonometry, equalities and inequalities)
- A sample of questions is provided to applicants after registering to the test
- The assessment of the Placement Test includes different categories, and cannot be summarized by an overall score

Applicants will therefore receive only a decision concerning their application, as indicated in the section "Communication of the results" above.

B - Common Placement test for direct entry in the First year of both Bachelors

The test consists of 50 Multiple Choice Questions, 40 in Mathematics and 10 in Physics to be completed in 120 minutes.

- Applicants are tested on pre-calculus (polynomials, rational fractions, trigonometry, equalities and inequalities, complex numbers), calculus (limits, derivation and integration), and physics (mechanics, waves, optics, thermodynamics and electrical circuits)
- A sample of questions is provided to applicants after registering to the test

2 - Dates and time of both Placement tests

The tests will take place from 10 am to 12 noon on the following days:

6 March 2021
11 April 2021
22 May 2021
12 June 2021
19 June 2021
5 July 2021
20 July 2021