

**ADMISSION REQUIREMENTS AND SELECTION CRITERIA FOR BEng PROGRAMMES FOR 2019**  
*Conditional admission and selection is based on final school results in Grade 11, while final admission and selection is based on the student's results in the Grade 12 final examination.*

**1. MINIMUM ADMISSION REQUIREMENTS**

*Prospective students who meet the below-mentioned admission requirements are nonetheless subject to the selection criteria below (refer to point 2).*

**1.1 NSC or IEB**

Students may only be considered for admission if they:

- Have a National Senior Certificate or IEB with admission to bachelor's studies or an exemption certificate issued by the Matriculation Board; and
- Have obtained an average of at least 70% in the relevant school final examination; and
- Have passed the National Senior Certificate or equivalent examination in Mathematics with a minimum of 70% and Physical Sciences with a minimum of 60%; and
- Have, in the National Senior Certificate examination, or equivalent, obtained the following minimum achievements in language subjects:
  - English Home Language: 40% or
  - English First Additional Language: 60% or
  - English First Additional Language: 50%, together with Afrikaans Home Language: 40% or Afrikaans Second Additional Language: 60%.

**1.2 FOREIGN SCHOOLS**

MINIMUM REQUIREMENTS FOR ADMISSION TO THE BEng PROGRAMME: CANDIDATES APPLYING WITH FOREIGN SCHOOL QUALIFICATION					
CURRICULUM	GERMANY - ABITUR	IB DIPLOMA	CAMBRIDGE AS LEVEL + IGCSE/GCSE/O LEVEL	CAMBRIDGE A LEVELS + IGCSE/GCSES/O LEVEL	Namibia (HL/OL)
Matriculation board requirements	Matriculation Board requires: ABITUR	Matriculation Board requires: 3 HL (pass marks 4 - 7); 3 SL (pass marks 4 - 7). At least 24 points required.	Matriculation Board requires: 4 AS Levels (pass marks A - D) + 1 IGCSE (pass marks A - C).	Matriculation Board requires: 2 A Levels (Pass marks A - E) + 3 IGCSE/GCSE/O Levels (Pass marks A - C).	Matriculation Board requires: Higher and Ordinary Levels: 4 HL (pass marks 1-3); 1 OL (pass marks A-C).
Faculty of Engineering requirements to be considered for admission to BEng	Matric Exemption with at least 70%+ (Gr 08 +) average. Maths, Physical Science (Physics and Chemistry) of at least Gr 12/09 is required to be considered.	Matric Exemption with at least 70%+ average. Maths, Physical Science (Physics and Chemistry) of at least 6/5 HL is required to be considered.	Matric Exemption with at least 70%+ average. Maths, Physical Science (Physics and Chemistry) of at least A/B at AS level is required to be considered.	Matric Exemption with at least 70%+ average. Maths, Physical Science (Physics and Chemistry) of at least A-C at A level is required to be considered.	Matric Exemption with at least 70%+ average. Maths, Physical Science (Physics and Chemistry) of at least 1/2 HL is required to be considered.

## 2. SELECTION CRITERIA

Only students that meet the minimum admission requirements are considered for selection. The National Benchmark Tests (NBTs) are taken into account for students near the admission and selection thresholds, but prospective first year students in engineering are selected mainly according to a selection formula. The selection score is calculated as follows:

Selection score = Mathematics mark + Physical Science mark + 6 x Average mark

The percentages obtained for Mathematics and Physical Science, as well as the average of the six best matric subjects (excluding Life Orientation, but normally including Mathematics and Physical Science), are used to calculate the selection score.

Foreign schools (Cambridge): the marks of 5 school subjects are used to calculate the average mark and this average is then multiplied with 6 when calculating the selection score.

The selection process is as follows:

- **BEFORE 30 JUNE (before the closing date of applications)**

Applicants that meet the following selection thresholds are selected upon receipt of a complete application (conditional, if based on Grade 11 results):

4 Year Programme	BEng (Chemical)	BEng (Civil)	BEng (E&E)	BEng (Industrial)	BEng (Mechanical)	BEng (Mechatronics)
Minimum selection score	630	610	620	640	640	650
Minimum Mathematics	75%	75%	75%	75%	75%	75%
Minimum Physical Science	65%	65%	65%	65%	65%	65%

Applicants with selection scores below 520 that otherwise meet the requirements for admission to the extended degree programmes, as well as all other applicants with selection scores below 560, will be informed that their applications were unsuccessful. The remaining applicants that do not meet the requirements for immediate acceptance will be considered after 30 June. Since the number of places in each BEng programme is limited, the final selection thresholds for the respective BEng programmes are only determined after the closing date for applications.

- **AFTER 30 JUNE (after the closing date of applications)**

After the final selection thresholds have been determined (considering the number of places and applicants), applicants whose applications are still under consideration and that meet the selection thresholds of the particular programme are informed that they have been selected (conditionally, if based on Grade 11 results). Alternatively they remain on the waiting list. Acceptance of late applications and further consideration of applicants on the waiting list are determined by the availability of places in the programme concerned.

- **AFTER THE MATRIC RESULTS HAVE BEEN RELEASED**

The status of applicants that were previously finally selected remains unchanged. Applicants that were conditionally selected with Matric results the same or better than in Grade 11, are awarded final selection. Other applicants that were conditionally selected, together with the applicants on the waiting list and late applicants, are thereafter considered for the places available in each of the programmes.

## 3. EXTENDED DEGREE PROGRAMMES

A limited number of applicants that had not been selected for a BEng programme, will be considered for admission to the Extended Degree Programmes. These programmes' admission and selection requirements differ from the above.