

Engineering Access Programme

The University of KwaZulu-Natal Engineering Access Programme provides an additional, alternative access route into the Bachelor of Science in Engineering, for prospective candidates who have had a disadvantaged educational background. Applications for admission to the Engineering Access Programme must be made directly to the Central Applications Office. During the selection process, consideration is given to the academic record and personal circumstances of the applicant. Aptitude or other testing is frequently used, and the applicant may be required to attend an interview. Applicants for admission to the Engineering Access Programme may make funding applications directly to sponsoring companies, if financial support is required. It must be noted that the Engineering Access Programme has a very limited number of bursaries and financial aid packages which are awarded to the most deserving candidates.

AES-EA1 Admission Requirements

To be considered for admission to the Engineering Access Programme, applicants must have a National Senior Certificate for Degrees and must have obtained at least a level 4 (50%) for Mathematics, Physical Science and English as a Home Language or First Additional Language.

AES-EA2 Engineering Access Curriculum

Candidates shall obtain credit for the following modules in the course of one academic year. Numbers in brackets indicate the number of credits.

Year 1

Semester 1	Semester 2
MATH160 Augmented Engineering Mathematics 1A (16)	
PHYS160 Augmented Engineering Physics 1A (16)	
ENME160 Augmented Engineering Drawing* (8)	ENAG161 Augmented Engineering Materials* (8)
ENCH160 Augmented Technical Communication* (8)	ENAG160 Augmented Engineering Design 1* (8)
* 8 credit modules	

The student is thus required to enrol for 64 degree credits and 64 foundation credits in their first year.

Year 2

Semester 1	Semester 2
Augmented Engineering Mathematics 1B	
Augmented Engineering Physics 1B	
Applied Mathematics 1A	Applied Mathematics 1B
Chemistry for Engineers 1A* 16 credits of level 2 programme specific modules	Chemistry for Engineers 1B* 16 credits Elective Module or Zulu 1

* 8 credit modules

112 degree credits and 32 foundation credits

Year 3

Level 2 modules

128 degree credits

Year 4

Level 3 modules

128 degree credits

Year 5

Level 4 modules

144 degree credits

AES-EA3 Progression in the Engineering Access Programme**Augmented Progression Thresholds**

No of Sem Completed	Min Progression Req	Normal Progression	75%
1	0	16	0
2	32	64	48
3	56	104	78
4	104	176	132
5	160	240	180
6	216	432 (3yr degree)	324
7	336	504	378
8	384	576 (4yr degree)	432
9	432		
10	480		
11	528		
12	576		

These thresholds are in accordance with the Academic Monitoring and Exclusions Policy.

Students in the Engineering Access programme shall be required to attend at least 80% of all timetabled Lifeskills workshops, lectures and presentations