

MASTER OF ENGINEERING IN POLYMER TECHNOLOGY

Qualification code: MEPT17 - NQF Level 9 (180 credits)

SAQA ID: 96919, CHE NUMBER: H16/2180/HEQSF A

Campus where offered:

Pretoria Campus

REMARKS

a. *Admission requirement(s):*

A Baccalaureus Technologiae in Polymer Technology, or a Bachelor of Engineering in Polymer, or a Bachelor of Engineering Technology Honours in Polymer Engineering, or a Bachelor of Science in Engineering in Materials Engineering/Polymer Engineering/Plastics Technology/Polymer Sciences or related field, obtained from a South African university, with an aggregate of 60% for the final year of study.

Candidates with a Baccalaureus Technologiae will be required to complete bridging modules: Engineering Data analysis, Research Methodology and Systems Modelling, (or their equivalents) at NQF Level 8. Candidates who have not completed these bridging modules before registration, will be required to complete them concurrently with this qualification.

Holders of any other equivalent South African or international qualifications may also be considered, but will have to apply at least six months in advance for the recognition of such qualifications. Candidates will be required to submit an evaluation of their qualifications by the South African Qualifications Authority (SAQA) with their application forms for admission. The University and/or Faculty reserves the right to assess these qualifications and the applicant's suitability and/or competence for admission to the programme. Depending on the nature of such an equivalent qualification, the completion of certain additional subjects may be required. Proof of English proficiency may be required.

b. *Selection criteria:*

Admission will be subject to approval of a project proposal by the Departmental Research Committee (DRC). Applicants who do not meet the 60% minimum academic requirement, will be invited for a selection interview with a Departmental Selection Committee.

c. *Duration:*

A minimum of one year and a maximum of three years.

d. *Presentation:*

Research.

e. *Intake for the qualification:*

January and July.

f. *Structure:*

This programme comprises a research project with a dissertation, provided the student passes Research Methodology first. In the dissertation, the candidates must prove that they understand a particular problem in the industry in which they have done research and are able to analyse it, set it out logically, arrive at logical conclusions or a diagnosis, and make proposals for the solution or elimination of the problem. The dissertation should comply with the usual general technical requirements and rules relating to scope, quality and layout.

g. *Rules on postgraduate studies:*

See Chapter 8 of the Students' Rules and Regulations for more information.

h. *Module credits:*

Module credits are shown in brackets after each module.



CURRICULUM

CODE	MODULE	NQF-L	CREDIT
POY109M	Dissertation: Engineering Polymer Technology	(9)	(180)
POY109R	Dissertation: Engineering Polymer Technology (re-registration)	(9)	(0)
POY119R	Dissertation: Engineering Polymer Technology (re-registration) (semester option)	(9)	(0)
TOTAL CREDITS FOR THE QUALIFICATION:			180

