

MAGISTER TECHNOLOGIAE: ARCHITECTURAL TECHNOLOGY
(Field of specialisation: Technology)
(Structured)
Qualification code: MTAD96 - NQF Level 8

Campus where offered: Pretoria Campus (block-mode classes and research)
 Last year of new intake: 2017
 Teach-out (phase-out) date: 31 December 2020

CURRICULUM

Consult the 2017 Faculty Prospectus for the full contents of the qualification.

SUBJECTS PRINTED IN BOLD ARE NOT FOR REGISTRATION PURPOSES.

YEAR SUBJECTS

CODE	SUBJECT	CREDIT	PREREQUISITE SUBJECT(S)
ARM500T	Architectural Management V		
ARM50PT	Architectural Management: Construction Methods V	(0,200)	Construction and Detailing: Construction Methods IV
ARM50QT	Architectural Management: Construction Materials V	(0,200)	Construction and Detailing: Construction Materials IV
ATG500T	Research Report: Architectural Technology: Technology V	(0,500)	
ATG500R	Research Report: Architectural Technology: Technology V (re-registration)	(0,000)	
RMD510D	Research Methodology V	(0,100)	
RMD510R	Research Methodology V (re-registration)	(0,000)	
TOTAL CREDITS FOR THE QUALIFICATION:		1,000	

SUBJECT INFORMATION (OVERVIEW OF SYLLABUS)

The syllabus content is subject to change to accommodate industry changes. Please note that a more detailed syllabus is available at the Department or in the study guide that is applicable to a particular module. On 01 October 2019, the syllabus content was defined as follows:

A

ARCHITECTURAL MANAGEMENT: CONSTRUCTION MATERIALS V (ARM50QT) **CONTINUOUS ASSESSMENT**
(Subject custodian: Department of Architecture and Industrial Design)
 Contemporary building materials based on case studies. Research paper relating to a specific field of interest. (Total tuition time: ± 45 hours)

ARCHITECTURAL MANAGEMENT: CONSTRUCTION METHODS V (ARM50PT) **CONTINUOUS ASSESSMENT**
(Subject custodian: Department of Architecture and Industrial Design)
 The performance criteria of detailing. Post-construction analyses using case studies. Building standards, specifically Part XA of SANS 10400. Intelligent buildings and building automation. Complex structures. (Total tuition time: ± 45 hours)



**RESEARCH REPORT: ARCHITECTURAL TECHNOLOGY:
TECHNOLOGY V (ATG500T/R)** **MINI-DISSERTATION ASSESSMENT**

(Subject custodian: Department of Architecture and Industrial Design)

The mini-dissertation investigates a relevant research problem. A review paper and a research paper based on the research have to be accepted for publication in a DHET accredited journal. (Total tuition time: ± 252 hours)

RESEARCH METHODOLOGY V (RMD510D/R) **PROJECT ASSESSMENT**

(Subject custodian: Department of Architecture and Industrial Design)

This module/subject explores the scope and nature of the dissertation, administrative procedures, research topics, the problem and its setting, research proposals, applications for funding, research protocols and research planning. The module includes the technical structure of a dissertation: format, layout, numbering system, typography, bibliography and referencing. The product of this module/subject is a well-formulated research proposal. (Total tuition time: ± 30 hours)

