

# MAGISTER TECHNOLOGIAE: BUSINESS INFORMATION SYSTEMS (Structured)

Qualification code: MTBIS1 - NQF Level 8

Campus where offered: Soshanguve South Campus

Please note that a moratorium was placed on new intakes as from 2017 until further notice.

## REMARKS

- a. *Admission requirement(s):*  
A four-year bachelor's degree or honours degree in information systems or a related discipline from a South African university. A minimum of at least 60% for all the subjects are required. A candidate should preferably have passed Principles of Research IV or a Research Methodology subject before registration, and if not, definitely have to pass that subject before his/her dissertation is accepted.
- Holders of any other equivalent South African or international qualification may also be considered, see Chapter 1 of Students' Rules and Regulations.
- b. *Selection criteria:*  
Selection is based on a personal interview with a departmental selection panel and the approval of a study field with an acceptable research proposal idea, following the guidelines of the Postgraduate Policy and Procedures. These procedures will be fully explained to the prospective student during the personal interview.
- c. *Duration:*  
A minimum of one year and a maximum of three years.
- d. *Intake for the qualification:*  
January and July.
- e. *Exclusion and readmission:*  
See Chapter 2 of Students' Rules and Regulations.
- f. *Presentation:*  
Day classes (offered on Saturdays) and research. The qualification consists of structured semester subjects and a research report. The six subjects are presented during the first 12 months through part-time study (on Saturdays). The second part of the Magister Technologiae (minimum of six months) comprises the research report, which carries a weight of 50% of the degree.
- g. *Rules on postgraduate studies:*  
See Chapter 8 of Students' Rules and Regulations.
- h. *Subject credits:*  
Subject credits are shown in brackets after each subject.

## CURRICULUM

### ATTENDANCE

CODE	SUBJECT	CREDIT
DIX500T	Research Report: Business Information Systems V (year subject)	(0,500)
DIX500R	Research Report: Business Information Systems V (re-registration)	(0,000)



## FIRST SEMESTER

BIF501T	Business Information Systems V	(0,080)
KNT501T	Knowledge Technologies V	(0,080)
RMD511B	Research in Business Information Systems V	(0,100)

## SECOND SEMESTER

BUA501T	Business Analysis V	(0,080)
DEV501T	Digital Enterprise V	(0,080)
SPV501T	IT Services and Projects V	(0,080)

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 subject. On 02 August 2018, the syllabus content was defined as follows:

#### B

##### **BUSINESS ANALYSIS V (BUA501T)**

##### **CONTINUOUS ASSESSMENT**

*(Subject custodian: Department of Informatics)*

Analysis of different business information systems in companies and the application of different business models in an IT environment. (Total tuition time: not available)

##### **BUSINESS INFORMATION SYSTEMS V (BIF501T)**

##### **CONTINUOUS ASSESSMENT**

*(Subject custodian: Department of Informatics)*

This subject introduces the student to the operation of different business information systems, exploring the broader context within which information systems operate as well as investigating their implications. After studying this subject, students will be able to identify and apply the relevant business information system based on industry-related technology for the organisational needs and recommend the relevant choice, selection and implementation of the business information system. (Total tuition time: ± 54 hours)

#### D

##### **DIGITAL ENTERPRISE V (DEV501T)**

##### **CONTINUOUS ASSESSMENT**

*(Subject custodian: Department of Informatics)*

An analysis of how businesses are changing in the digital era. (Total tuition time: ± 54 hours)

#### I

##### **IT SERVICES AND PROJECTS V (SPV501T)**

##### **CONTINUOUS ASSESSMENT**

*(Subject custodian: Department of Informatics)*

Understanding the character of managing IT department offering. (Total tuition time: ± 54 hours)

#### K

##### **KNOWLEDGE TECHNOLOGIES V (KNT501T)**

##### **CONTINUOUS ASSESSMENT**

*(Subject custodian: Department of Informatics)*

This subject deals with Knowledge engineering and technologies underpinning knowledge systems, such as decision support systems, group support systems, expert systems, data warehousing, data mining, document management and information searches. (Total tuition time: ± 54 hours)



**RESEARCH IN BUSINESS INFORMATION SYSTEMS V (RMD511B)      CONTINUOUS ASSESSMENT**  
**(Subject custodian: Department of Informatics)**

It covers the basics of paradigms, methodologies, and techniques of research. Also how to conceptualise and plan research, and structure and complete a research-based project in the form of a dissertation or thesis. It provides a holistic overview of the research process and practical methods of implementing the knowledge obtained in the business information systems industry or environment. (Total tuition time: not available)

**RESEARCH REPORT: BUSINESS INFORMATION      MINI-DISSERTATION ASSESSMENT**  
**SYSTEMS V (DIX500T/R)**

**(Subject custodian: Department of Informatics)**

Syllabus content not available. Please contact the Head of Department.

