

# MAGISTER TECHNOLOGIAE: BUSINESS INFORMATION SYSTEMS (Structured)

Qualification code: MTBIS1 - NQF Level 8

Campus where offered: Soshanguve South Campus (day classes offered during the week and on Saturdays)

Last year of new intake: 2016

Teach-out (phase-out) date: Not available. Please contact the Head of the Department

Students registered for this qualification should complete their studies according to the teach-out date prescribed for the qualification, subject to the stipulations of Regulation 3.1.11 and 3.1.13 in the Students' Rules and Regulations.

Information on phased-out programmes can be obtained from the TUT website, [www.tut.ac.za](http://www.tut.ac.za).

## CURRICULUM

Consult the 2019 Faculty Prospectus for the full contents of the qualification.

## 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. At time of publication, the syllabus content was defined as follows:

### B

#### **BUSINESS ANALYSIS V (BUA501T)** (Subject custodian: Department of Informatics)

#### **CONTINUOUS ASSESSMENT**

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)

**R****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 SYSTEMS V (DIX500T/R)****MINI-DISSERTATION ASSESSMENT****(Subject custodian: Department of Informatics)**

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

