

BACCALAUREUS TECHNOLOGIAE: FINANCIAL INFORMATION SYSTEMS

Qualification code: BTFI08 - NQF Level 7

Campus where offered: Ga-Rankuwa Campus (day and Saturday classes)
Last year of new intake: 2019
Teach-out (phase-out) date: 31 December 2022

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.

CURRICULUM

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

FIRST SEMESTER

CODE	SUBJECT	CREDIT
FIR40AT	Financial Reporting IVA	(0,100)
FIS40AB	Financial Information Systems IVA	(0,100)
FMN44AD	Financial Management IVA	(0,100)
MGA40AT	Management Accounting IVA	(0,100)
RMD111J	Research Methodology	(0,100)
TOTAL CREDITS FOR THE SEMESTER:		0,500

SECOND SEMESTER

CODE	SUBJECT	CREDIT
FIR40BT	Financial Reporting IVB	(0,100)
FIS40BB	Financial Information Systems IVB	(0,100)
FMN44BD	Financial Management IVB	(0,100)
ISV401T	Information Systems Auditing IV	(0,100)
MGA40BT	Management Accounting IVB	(0,100)
TOTAL CREDITS FOR THE SEMESTER:		0,500
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:

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FINANCIAL INFORMATION SYSTEMS IVA (FIS40AB)

1 X 3-HOUR PAPER

(Subject custodian: Department of Finance and Investment)

Students are introduced to the various database concepts and the design, implementation and management of a database system. The subject will prepare the student for practical applications in the design, implementation and management of database systems. The student should be competent in the principles of developing and implementing small IT systems. On completion, the student should be able to create, maintain and administer databases according to the DBLC. Students should also be able to grasp how the database design fits into the software development life cycle. (Total tuition time: ± 59 hours)



FINANCIAL INFORMATION SYSTEMS IVB (FIS40BB)**1 X 3-HOUR PAPER*****(Subject custodian: Department of Finance and Investment)***

The subject focuses on decision support systems and business intelligence, human decision-making processes, decision-making systems, modelling and support, decision support systems, concepts, methodologies and technologies, modelling and analysis, data mining for business intelligence, artificial neural networks for data mining, text and web mining, data warehousing and the CART algorithm. (Total tuition time: ± 26 hours)

FINANCIAL MANAGEMENT IVA (FMN44AD)**1 X 3-HOUR PAPER*****(Subject custodian: Department of Finance and Investment)***

Advanced single-asset and portfolio risk, financial statement analysis, efficient marketing theory and portfolio construction, advanced cost-of-capital methods. (Total tuition time: ± 60 hours)

FINANCIAL MANAGEMENT IVB (FMN44BD)**1 X 3-HOUR PAPER*****(Subject custodian: Department of Finance and Investment)***

Long-term investment decisions, advanced security valuation, cash flow analysis and economic value added, value-based management. (Total tuition time: ± 60 hours)

FINANCIAL REPORTING IVA (FIR40AT)**1 X 3-HOUR PAPER*****(Subject custodian: Department of Accounting)***

Framework for financial reporting. Conceptual framework and standards of financial reporting. Generally Accepted Accounting Practice (GAAP) standards. Analysis and interpretation techniques. (Total tuition time: not available)

FINANCIAL REPORTING IVB (FIR40BT)**1 X 3-HOUR PAPER*****(Subject custodian: Department of Accounting)***

Defining qualitative characteristics and applying them to the presentation and measurements issues to enhance the usefulness of financial reporting in decision-making. (Total tuition time: not available)

I**INFORMATION SYSTEMS AUDITING IV (ISV401T)****1 X 3-HOUR PAPER*****(Subject custodian: Department of Auditing)***

Information systems strategies. Hardware, platforms, networks and communications. Data processing. Systems development, acquisition and maintenance. Information systems security and contingency planning. (Total tuition time: ± 60 hours)

M**MANAGEMENT ACCOUNTING IVA (MGA40AT)****1 X 3-HOUR PAPER*****(Subject custodian: Department of Finance and Investment)***

Segment reporting and decentralisation, relevant costs for decision-making, income tax in capital budgeting decisions, service department costing: an activity approach. (Total tuition time: not available)

MANAGEMENT ACCOUNTING IVB (MGA40BT)**1 X 3-HOUR PAPER*****(Subject custodian: Department of Finance and Investment)***

Statements of cash flows, financial statement analysis, pricing products and services, cost of quality. (Total tuition time: not available)

R**RESEARCH METHODOLOGY (RMD111J)****1 X 3-HOUR PAPER*****(Subject custodian: Department of Economics)***

Students are introduced to research, how to identify a research problem, formulate a hypothesis, how to conduct literature review, research design: population and sampling techniques, and identifying methods of conducting research such as qualitative, quantitative, historical and descriptive research. (Total tuition time: ± 60 hours)

