ECONOMIC SCIENCES AND INFORMATION TECHNOLOGY

POSTGRADUATE PROGRAMMES

JAARBOEK
2017
YEARBOOK

NWU®

Address all correspondence to:

The Campus Registrar

North-West University (Vaal Triangle Campus)

PO Box 1174

VANDERBIJLPARK

1900

Tel: (016) 910-3290

Fax: (016) 910-3292

Internet: http://www.nwu.ac.za

PLEASE MENTION YOUR UNIVERSITY NUMBER IN ALL CORRESPONDENCE

The Academic Rules of the University, to which all students have to subject themselves and which apply to all the qualifications offered by the University, appear in a separate publication and are available on the web page (http://www.nwu.ac.za).

Please note: Although the information in this Calendar has been compiled with the utmost care and accuracy, the Senate and the Council of the University accept no responsibility whatsoever for errors that may occur. Before students finally decide on the selection of modules, they must consult the class timetable. If a clash occurs in the planned selection of a student, the relevant module combination is not permitted.

WARNING AGAINST PLAGIARISM: Assignments are individual tasks and not group activities (unless explicitly indicated as group activities). For further details see: http://www.nwu.ac.za

TABLE OF CONTENTS

FACULTY OF ECONOMIC SCIENCES AND INFORMATION TECHNOLOGY

Executive Dean: Prof HJ van der Merwe

Director Research Development: Prof J Surujlal

DIRECTORS OF SCHOOLS AND SUBJECT CHAIRS:

SCHOOL OF ACCOUNTING SCIENCES
Director: Prof HH Janse van Vuuren

Auditing:	Ms J Volschenk
Accounting Non CA:	Ms B van der Niet
Chartered Accountancy (CA):	Ms A Mostert
Commercial Law:	Ms V Pelser-Carstens
Financial Accountancy (SAIPA):	Ms E Lubbe
Management Accountancy Training (CIMA):	Ms T De Jongh
Taxation:	Prof M Delport

SCHOOL OF ECONOMIC SCIENCES
Director: Prof WCJ Grobler

Economics:	Dr DF Meyer
Entrepreneurship:	Mr J Landsberg
International Trade:	Dr DF Meyer
Risk Management:	Dr D Viljoen
Marketing:	Prof N de Klerk
Sport Sciences:	Dr A Lennox

SCHOOL OF INFORMATION TECHNOLOGY
Director: Ms D Gerber

Information Technology:	Dr S Gilliland
Mathematics and Business Mathematics and Informatics:	Dr I Takaidza
Statistics and Operational Research:	Mr P Ntema

ADMINISTRATIVE MANAGER:	Ms A van der Elst

PROGRAMME MANAGERS AND SUBJECT CHAIRS IN THE FACULTY HUMANITIES:

SCHOOL OF BEHAVIOURAL SCIENCES
Director: Dr E Botha

Industrial Psychology:	Mr FW Stander
Labour Relations Management:	Dr L Moolman

FACULTY BOARD ECONOMIC SCIENCES AND INFORMATION TECHNOLOGY
Van der Merwe, HJ (Chair)
Barnard, E
Bevan-Dye, A
Blignaut, S
Davel, M
Delport, M
De Klerk, N
Fouchè, J
Gerber, D
Gilliland, S
Grobler, WCJ
Janse van Vuuren, HH
Jordaan, DB
Lucouw, P
Pretorius, PD
Surujlal, J
SRC Academic
Zaaiman, H
Mbijekana, W (Scribe)
Strydom ,E (Ex Officio)
Vermeulen, CW (Ex Officio)
Van der Elst , A (Ex Officio)

E.5 INTRODUCTORY FACULTY RULES

E.5.1 AUTHORITY OF THE A-RULES

The Faculty Rules contained in this calendar with respect to the various curricula offered by this Campus, are subject to the Academic Rules of the University, as periodically determined by the Council of the University on recommendation of the Senate, and should therefore be read in conjunction with those Academic Rules.

The Academic Rules appear on the home page of the University at http://www.nwu.ac.za .

E.5.2 CAPACITY STIPULATION

Please take cognisance of the fact that, owing to specific capacity constraints, the University reserves the right to select candidates for placement in certain fields of study. This means that prospective students who comply with the minimum requirements may not necessarily be admitted to the relevant courses

E.5.3 SCHOOLS AND RESEARCH ENTITIES IN THE FACULTY OF ECONOMIC SCIENCES AND INFORMATION TECHNOLOGY

The Faculty of Economic Sciences and Information Technology consists of three schools.The Director manages each school. In each school , there are different programmes, each with a subject chair.The schools are especially responsible for the teaching of undergraduate and postgraduate curricula.

The respective schools and subject groups are as follows:

School	Curriculum
School of Accounting Sciences	Accounting Chartered Accountincay (CA) Financial Accountancy (SAIPA) Management Accountancy (CIMA)
School of Economic Sciences	Business Management Economics Entrepreneurship and Marketing Risk Management Sport Sciences International trade Bank and Financial Risk Management
School of Information Technology	Business Mathematics and Informatics Information Technology Mathematics Statistics & Operational Research

This faculty conducts research and related postgraduate training in a co-ordinated way in the approved research focus areas of the University.

FOCUS AREA	NAME OF FOCUS AREA
UARM	Applied Risk Management
PoSER	Poverty and Social Economic Research
ProGenY	Profiling Generation Y
MUST	Multi Lingual Speech Technologies
Serious GamesInstitute-SA	Brige the gap between learning and fun
ROBOTICS	Building and programming robots in IT
Bhive	Port of call for all entrepreneurs
AppsFactory	Mobile Application Factory

E.5.4   QUALIFICATIONS, PROGRAMMES AND CURRICULA

a)   Various qualifications can be obtained at the Vaal Triangle Campus. A qualification, for example "Hons BA", is presented in more than one programme, for example "Humanities", and in every programme there is one or more than one curriculum(a), for example "History" that is structured in a specific format. Information on the rules for the various qualifications, programmes and curricula on **postgraduate** level are explained in this calendar. Where applicable, reference is made to specific focus areas in which post graduate training and research is conducted.

b)   A prospective student should first decide what qualification he/she would like to obtain, upon which the relevant programme and curriculum is selected. The student registers for a specific curriculum at the start of his/her study. Each curriculum has a curriculum code consisting of 5 characters, for example L621V. Should a student wish to change the curriculum after the start of his/her study, such a request should be directed via the director Administration to the relevant school director. Students may only change curricula with the written permission of the school director.

c)   The formats of the curricula in the different programmes set out below are composed of modules with a total credit value of **at least** 128 for a postgraduate qualification of which the minimum duration is one year. In case of a postgraduate qualification with a longer duration, the credit values may differ accordingly.

d)   The University is authorised to award the following postgraduate qualifications at the Faculty of Economic Sciences and Information Technology.

FACULTY OF ECONOMIC SCIENCES AND INFORMATION TECHNOLOGY

Method of Delivery	Qualification and Programme code	Curriculum	Curriculum code	HEQF level
Honours Bachelors of Science (Hons B Sc)				
Full-time and Part-time	202 134	Computer Science and Information Systems	N653V	**8**
Master of Science (MSc in Computer Science)				
Full-time and Part-time	203 180	Operational Research	N801V	**9**
Full-time and Part-time	2DB N01	Computer Science (From 2017)	N801V	**9**
Full-time and Part-time	203 180	Computer Science (Phasing out)	N802V	**9**
Doctor of Philosophy (PhD)				
Full-time and Part-time	2CC R14	Operational Research (from 2017)	N901V	**10**
Full-time and Part-time	204 131	Operational Research (phasing out)	N802V	**10**
Full-time and Part-time	2CB R02	Information Technology (from 2017)	N901V	**10**
Full-time and Part-time	204 130	Information Technology (phasing out)	N973V	**10**
Honours Bachelors of Commerce (Hons BCom)				
Full-time	504 126	Economics	E644V	**8**
Full-time	504 128	Risk Management	E646V	**8**
Full-time and Part-time	504 130	Entrepreneurship and Marketing	E654V	**8**
Full-time	504 123	Chartered Accountancy	E630V	**8**
Full-time	504 124	Financial Accountancy	E635V	**8**
Full-time and Part-time	504 112	Industrial Psychology	E660V	**8**
Full-time and Part-time	504 121	Human Resource Management	E662V	**8**
Full-time and Part-time	504 122	Labour Relations Management	E664V	**8**

Method of Delivery	Qualificationa nd Programme code	Curriculum	Curriculum code	HEQF level
Master of Commerce (MCom)				
Not presented in 2017	5CN N01	Tax	E801V	**9**
Full-time and Part-time	5CD N01	Economics (from 2017)	E801V	**9**
Full-time and Part-time	505 120	Economics 9Phasing out)	E803V	**9**
Full-time and Part-time	5CJ N01	Risk Management (from2017)	E801V	**9**
Full-time and Part-time	505 122	Risk Management (phasing out)	E805V	**9**
Full-time and Part-time	505 124	Entrepreneurship	E814V	**9**
Full-time and Part-time	5CK N01	Marketing Management (from 2017)	E801V	**9**
Full-time and Part-time	505 125	Marketing Management (phasing out)	E815V	**9**
Full-time and Part-time	505 128	Human Resource Management	E852V	**9**
Full-time and Part-time	5CH N01	International Trade	E801V	**9**
Full-time and Part-time	5CQ N01	Business Management (from 2017)	E801V	**9**
Full-time and Part-time	505 134	Business Management (phasing out)	E816V	**9**
Full-time and Part-time	5CL N01	Management Accountancy (from 2017)	E801V	**9**
Full-time and Part-time	505 129	Management Accountancy (phasing out)	E841V	**9**
Full-time and Part-time	5CM N01	Accountancy (from 2017)	E801V	**9**
Full-time and Part-time	505 130	Accountancy (phasing out)	E842V	**9**
Full-time and Part-time	505 126	Industrial Psychology	E850V	**9**

Method of Delivery	Qualification and Programme code	Curriculum	Curriculum code	HEQF level
Full-time and Part-time	5CF N01	Labour Relations Management (from 2017)	E801V	**9**
Full-time and Part-time	505 145	Labour Relations Management (phasing out)	E826V	**9**
Part-time	505 146	Banking and Financial Risk Management	E854V	**9**
Part-time	5AR N01	Applied Risk Management	E810V	**9**
Doctor of Philosophy (PhD)				
Not presented in 2017	5CA R09	Taxation	E901V	**10**
Full-time and Part-time	5CA R04	International Trade	E901V	**10**
Full-time and Part-time	5CA R06	Risk Management (from 2017)	E901V	**10**
Full-time and Part-time	506 122	Risk Management (phasing out)	E902V	**10**
Full-time and Part-time	5CA R03	Economics (from 2017)	E901V	**10**
Full-time and Part-time	506 120	Economics (phasing out)	E903V	**10**
Full-time and Part-time	5CA R07	Marketing Management (from 2017)	E901V	**10**
Full-time and Part-time	506 125	Marketing Management (phasing out)	E914V	**10**
Full-time and Part-time	506 124	Entrepreneurship	E915V	**10**

Method of Delivery	Qualification and Programme code	Curriculum	Curriculum code	HEQF level
Full-time and Part-time	5CA R02	Business Management (from 2017)	E901V	**10**
Full-time and Part-time	506 108	Business Management (phasing out)	E916V	**10**
Full-time and Part-time	506 134	Management Accountancy	E931V	**10**
Full-time and Part-time	5CA R01	Accountancy (from 2017)	E901V	**10**
Full-time and Part-time	506 130	Accountancy (phasing out)	E936V	**10**
Full-time and Part-time	5CC R01	Industrial Psychology (from 2017)	E901V	**10**
Full-time and Part-time	506 127	Industrial Psychology (phasing out)	E920V	**10**
Full-time and Part-time	5CA R05	Labour Relations Management	E901V	**10**

E.5.5   **MODULES AND CREDITS**

a)   A postgraduate qualification is obtained after the relevant module(s) within a chosen curriculum have been passed individually.

b)   Each module has a module code and descriptive name. The module code consists of a four-letter subject abbreviation, followed by 3 digits, for example: BYBL671.

E.5.6   **RECOGNITION OF PREVIOUS LEARNING**

a)   The North-West University accepts the principle underlying outcomes based, source based and life-long learning, in which considerations of articulation and mobility play a significant role and underscore the view that recognition of previous learning, whether in formal teaching curricula at this institution or a different institution, or acquired informally (through experience), forms an indefinable element in the decision on the admission to and allocation of credits in view of placement within an expressly chosen learning curriculum of the university.

b)   The recognition of previous learning concerns provable knowledge and learning acquired by an applicant, whether by following formal instruction curricula, or through experience. At all time the question remains what level of skills, evaluated within the context of the exit level skills required for the intended learning curriculum or modules within, or the status for which the applicant is applying, is necessary. Thus, it is not merely a question of the experience that can be proven by the applicant. Recognition of previous learning is therefore done in terms of the applied competencies demonstrated by the applicant in the application, taking into consideration the exit outcomes that are to be achieved with the chosen learning curriculum.

c)   The North-West University accepts that the recognition of previous learning within the normal, existing policy on the admission of credit allocation to prospective or existing students – whether from this or another institution – can and should take place in a valid, reliable and reasonable way.

d)   For the handling of an application for recognition of previous learning, a non-refundable administrative fee is payable, as determined periodically by the University.

E.5.7   **REGISTRATION**

a)   Registration for postgraduate qualifications takes place in terms of the following academic rules: Academic Rule 3.3 with regard to honours degrees, Academic Rule 4.3 with regard to master's degrees; Academic Rule 5.3 with regard to doctoral degrees; Academic Rule 2.3 with regard to diplomas.

b)   Registration is the prescribed completed process followed by a student to be registered as a student of the University.

c)   An admitted student registers annually for the duration of the study for a specific study curriculum at the time and place as determined by the University. The process involves payment of the prescribed registration fees, completion of the registration form and affecting this by means of the required signatures.

d)   The registration form is handed in to the registration department by the student, upon which proof of registration is issued.

E.5.8   EXAMINATION

The general rules regarding examination are regulated by rule Academic Rule 3.4 in the case of the Honours degree, Academic Rule 4.4 in the case of the Masters degree and Academic Rule 5.4 in the case of the Doctoral degree.

E.5.8.1   HONOURS STUDY

E.5.8.1.1   Participation mark

A participation mark is accumulated through assignments and other forms of evaluation, as set out in the relevant study guide.

E.5.8.1.2   Admission to the exam

a)   Admission to the exam in any module takes place by acquiring proof of participation.

b)   Proof of participation, which allows admission to the exam, will only be issued once the student has adhered to the requirements for the relevant module as specified in the study guide, and this to the satisfaction of the school director, in consultation with the relevant subject group chairperson.

E.5.8.1.3   Module mark

The module mark is calculated as a relation between the participation mark and examination mark as indicated in the study guide.

E.5.8.1.4   Requirements for passing a module and curriculum

a)   A curriculum is passed by individually passing all the modules which the curriculum consists of.

b)   The sub minimum for all modules in which an examination is written, is 40%.

c)   The pass requirement for a module in which (an) exam(s) is/are written, is 50%.

d)   A module is passed with distinction if a module mark of at least 75% is obtained.

e)   A student , who obtained at least 75% in the core modules of a curriculum obtains the qualification with distinction.

f)   As far as the Honours BCom (Chartered Accountancy) programme is concerned, the following additional rules (g) to (i) apply:

13

g) Students have to pass all of the modules in one examination opportunity to obtain the degree. Re-admission to the said programme is not automatic.

h) On obtaining the degree the Certificate in the Theory of Accounting (CTA) is awarded automatically.

i) If a student's progress during the year is not satisfactory, he/she will not be allowed to the final CTA examinations (end-of-year examination). If an average of 30% is not achieved by March, the student's CA honours studies will be terminated and the student can then convert to another suitable programme. If an average of 35% is not achieved by June, the student's CA honours studies will be terminated.

E.5.8.1.5 **Repeating of modules and second examination opportunities**

A once-off repeating of modules that were not passed takes place in terms of the conditions of Academic Rule 2.4.5 and 3.4.4.

A student that fail in one or more modules of the examination of a honours study may be allowed by the lecture in co-operation with the school director to write a second opportunity in this specific module(s) according arrangements in the specific study guide/class (A.3.4.4.1).

E.5.8.2 **MASTERS' DEGREES**

E.5.8.2.1 **Nomination of examiners**

a) For each paper of a module presented within a school on master's level, the school director, in consultation with the relevant research director, appoints at least one internal examiner and one moderator who can be internal or external.

b) For the evaluation of a mini-dissertation/dissertation, at least two examiners of which at least one should be external are appointed for each student by the school director in consultation with the relevant research director.

E.5.8.2.2 **Admission to the exam**

Admission to any exam is only granted to a student who has proven to the satisfaction of the school director that he/she has adhered to the requirements of the relevant curriculum and/or module.

E.5.8.2.3 **Examination**

The examination for the master's degree consists of:

a) only a dissertation, or

b) one or more exams and a mini-dissertation in the relevant field.

c) In instances where examination papers form part of the curriculum, the papers should be completed during the first year of study.

E.5.8.2.4 **Requirements in respect of the mini-dissertation/dissertation**

Apart from the following requirements that should be adhered to, a mini-dissertation or dissertation may only be submitted with the consent of the study leader:

a) A dissertation/mini-dissertation should prove that the student is familiar with the method of research.

b) With regard to technical requirements, a dissertation/mini-dissertation should adhere to the requirements set in this regard by the Faculty Board (cf. *Manual for Postgraduate Study*).

E.5.8.2.5   Participation mark

A participation mark is accumulated through assignments and other forms of evaluation, as set out in the relevant study guide.

E.5.8.2.6   Module mark

The module mark is calculated as a relation between the participation mark and the exam mark as indicated in the study guide.

E.5.8.2.7   Pass requirements

a) The pass requirement for a module in which (an) exam(s) is/are written, is 50%.

b) A module is passed with distinction if a module mark of at least 75% is obtained.

c) A student who obtained at least 75% in the core modules of a curriculum, obtains the qualification with distinction.

E.5.8.2.8   Repeating of modules

a) A dissertation or mini-dissertation can be referred back to the candidate only once and submitted again after re-working.

b) A student may within the maximum study period of three years, once repeat papers that do not exceed 25% of the papers of the relevant program.

E.5.8.3   DOCTORAL STUDY

For the evaluation of a thesis, at least three examiners (Academic Rules 5.4.3 and 5.4.3.1.) of whom two should be external are appointed for each student by the school director in consultation with the relevant research director.

E.5.8.3.1   Examination

a) The examination for a doctoral degree consists at least of a thesis containing the results of the candidate's research.

b) A thesis may only be submitted with the consent of the promoter.

c) A thesis should make a definite scientific contribution to the knowledge of and insight in the subject, and testify of originality, either through the discovery of new facts, or through exercising an independent critical capacity.

The Faculty Board may set additional requirements in the form of either a written exam and/or oral exam for the obtaining of a doctoral degree

E.5.8.3.2   Repeating of modules

A thesis can be referred back to the candidate only once and submitted after re-working.

E.5.8.4   PROCESS FOR POST-GRADUATE STUDIES

In the Faculty of Economic Sciences and Information Technology, the process for postgraduate studies consists of the following steps:

a)   The student reports to the school director for permission to apply for postgraduate studies with a proposed topic. (*The school director ascertains whether the student meets the requirements; there is supervisory capacity in the school on whether the topic is in line with the research focus.*)

b)   The student may apply for provisional admission at student administration by the latest end January each year. (*The student may only fully register (31 March) once a draft research proposal has been approved by the school director and supervisor – except in the case of full-time postgraduate students for which this requirement is waived. Non-registered students may apply at the library for database access for a prescrbed fee.*)

c)   After registration, the supervisor works with the student on the final research proposal. (*The faculty research proposal template may be used to draft the final proposal. The proposal must be fully complete within six months of registration of the student.*)

d)   When the proposal is complete, the *supervisor* submits it to the research leaders in the respective fields in the relevant school which will be placed on the agenda for discussion by the Faculty Research sub-committee. (*Proposals are to be submitted at least 10 working days prior to the Faculty Research sub-committee.*)

e)   The Faculty Research sub-committee meets and advises on ethical clearance, technical guidelines, etc. (*The supervisor is to be present at the Faculty Research sub-committee and is to give appropriate feedback to the student. Suggested changes (if any) to the proposals will also be minuted.*)

f)   The student makes changes (if any) and the supervisor/school director submits the final proposal to the Faculty Board for approval/title registration and appointment of examiners. (*Submission is to be done at least 7 working days before the Faculty Board.*)

g)   The student continues with the study. (*Each chapter is to be submitted to Turnitin by the supervisor. The supervisor is to sign a contract with the student on expectations and time frame.*)

h)   Final submission of dissertation. Student administration is to be informed of intention to submit in adherence with the NWU closing dates. (*Turnitin report is to be attached. Student administration sends out the dissertation for examination.*)

i)   Examiners' reports are approved/noted at the Faculty Board. (*Examiners' reports are to be in at least 2 weeks before the Faculty Board. The student must be informed of recommended changes and make these to the satisfaction of the Faculty Board.*)

j)   The Faculty Board approves changes made by the student as per the supervisor's report. (*The supervisor's report is to be in at least 1 week before Faculty Board. An extract of the minutes from the Faculty Board is to go to the Senate. (Marks of the student is not included on the Faculty Board minutes extract.)*)

Guidelines for submission of a master's degree in article format

The article model for master's degrees is implemented at the University (Academic Rule 4.4.1.4). A decision on whether a student should be required to submit his/her research work for his/her master's degree in the form of articles instead of the traditional dissertation should be made in conjunction with the student's supervisor.

Studies best suited to the article route would be:

- A study involving more than one focal/substantial research question. The questions are related, but each can 'stand alone' and has its own research report.

- A study involving mixed methods (e.g., qualitative and quantitative) for which the author does not want to aggregate findings (i.e., wishes to report findings separately for each approach/method).

- A study involving more than one experiment.

Whether or not the article route should be adopted, would also depend on the type of research project to be conducted, as well as the experience of the supervisor/promoter and is usually linked to research questions, but would typically consist of the following:

- Chapter 1 - Introduction. (Same as current research proposal.)

- Chapter 2 - Article 1.

- Chapter 3 - Article 2.

- Chapter 4 - Article 3.

- Chapter 5 - Conclusions, limitations, recommendations.

- References.

- Appendices.

The requirement in the Faculty would be three (3) articles for a master's degree. These articles must be submitted and at least one *accepted* for publication (not necessarily yet published) in order for the student to graduate via this method.

The submission and acceptance of the article, does not replace the traditional examination of the dissertation. The full manuscript in article form will still be submitted for examination as per the Academic Rule 4.4.

The general guidelines for submitting a dissertation in article format at the University are as follows:

- Title page as prescribed in the manual for postgraduate studies.

- Acknowledgement.

- Table of contents.

- Abstract with 5-10 key words.

- Preface comprising the following:

    - A statement that the article format has been selected.

- The student's share in the research in the case of co-authors for the article(s)/manuscript(s).
- An indication of the journal to which the article(s)/manuscript(s) was/were submitted if it/they has/have not yet been published.
- Permission from co-authors that the article(s)/manuscript(s) can be submitted for degree purposes.
- Permission from the editor of the technical journal if any copyright is involved.

- If more than one article/manuscript is used, the dissertation must be presented in a scientific unit format (Academic Rule 4.4.2.9). If more than one article/manuscript is used, the dissertation must be presented in a scientific unit format.

- Depending on the study field involved, the supervisor/promoter can also require other items like a literature review. Each article must be preceded by a copy of the guidelines for authors for the journal concerned

E.6 RULES FOR HONOURS DEGREES

This qualification can be obtained in one of the programmes and curricula described in rule E.5.3 (d) and can be taken full-time or part-time.

E.6.1 RULES FOR THE DEGREE HONOURS BACHELOR OF COMMERCE

This qualification can be obtained in one of the programmes and curricula described in rule E.5.3 (d) and can be taken full-time or part-time.

E.6.1.1 MINIMUM AND MAXIMUM DURATION

The minimum duration of study for this qualification is **one year** for full-time and **two years** for part-time students. The maximum duration is **two years** for full-time and **three years** for part-time students.

E.6.1.2 ADMISSION

a) A student should already be in possession of an applicable bachelor's degree, or equivalent qualification, as approved by Senate
b) There should be adhered to all the requirements related to majors for the primary part of the proposed Hons BCom study. An average of at least 60% for the relevant major in the final year is required.
c) The general capability and academic performance of the student in this/these major(s) for each of the modules included in the curriculum should be to the satisfaction of the relevant director.
d) B.Com. status is only conferred if the following modules have been passed or exemption on basis of specific assignments for curricula was granted by the director: ECON111, ECON121; BMAN111, BMAN121; ACCC111, ACCC121.
e) In addition to (d) above, the director may also require of a student to have passed relevant modules in the following programmes before B.Comstatus is conferred to the relevant student: Human Sciences, Mathematics, Statistics, Computer Studies.

E.6.1.3   **PROGRAMME: ECONOMICS**

The curriculum compiled in this programme, empowers students with high-level knowledge of concepts, structures, models, theories, principles, skills, research methodologies and applied competencies, to enable them to follow lucrative careers in the changing economic and business environment of the new millennium.

Furthermore, this curriculum enables the student to develop his/her intellectual and moral capacity in a more specialised way to understand the economic and business environment, as well as to think critically and innovatively.

E.6.1.3.1   **SPECIFIC ADMISSION REQUIREMENTS**

a)   The general guideline is a minimum of 60% per module or as required by the relevant school, obtained in the following modules: ECON211, ECON221, EKIP211, EKIP221, ECON311 and ECON321.

b)   For Risk Management:
60% for each of the following modules: EKRP211, EKRP221, EKRP311, EKRP321, ECON211, ECON321   **or**
60% for each of the following modules: EKRP311, BWIA221, BWIA271, ECON211, STTK321

E.6.1.3.2   **CURRICULUM: ECONOMICS (504 126 – E644V)**

E.6.1.3.2.1   **Curriculum outcomes**

On completion of this curriculum, the student should:
a)   display a profound knowledge of and insight into the economics and business environments and be able to solve problems resulting from this in conjunction with other disciplines;
b)   based on his/her knowledge of multidisciplinary concepts, structures, models, theories, principals and research methodologies, be able to identify and solve convergent and divergent economic and business related problems in a creative and critical manner;
c)   show an understanding for the need for maintaining competency and healthy practice to keep in step with the changing economic environment of new methods, techniques and competitive challenges;
d)   be sensitive to the socio-economic needs of our heterogeneous and multicultural business communities and that of the world in general.

E.6.1.3.2.2   **Articulation and exit point**

On vertical level, the Honours BCom qualification articulates with the possibility to apply for admission to NQF level 8 or HEQF level 9-qualifications, specifically the Magister qualifications within the student's chosen specialist discipline.

E.6.1.3.2.3   **Other rules**

Students register for all eight modules (16 credits each) that have to be completed successfully

E.6.1.3.2.4   Compilation of the curriculum (504 126 – E644V)

Module code	Descriptive name	Ct
	First semester	
ECON611	Micro Economics	16
ECON612	Macro Economics	16
ECON614	Economic Development	16
ECON618	Development Economics Research Methods	16
	Second semester	
ECON621	International Trade Relations	16
ECON622	Monetary and Fiscal Policy	16
ECON624	Economic Modelling	16
ECON627	Research Project	16
Credit total for the curriculum		**128**

E.6.1.3.3   CURRICULUM: RISK MANAGEMENT (504 128 – E646V)

E.6.1.3.3.1   Curriculum outcomes

On completion of this curriculum, the student should:
a)   display a profound knowledge of and insight into the economics and business environments and be able to solve problems resulting from this in conjunction with other disciplines;
b)   based on his/her knowledge of multidisciplinary concepts, structures, models, theories, principals and research methodologies, be able to identify and solve convergent and divergent economic and business related problems in a creative and critical manner;
c)   show an understanding for the need for maintaining competency and healthy practice to keep in step with the changing economic environment of new methods, techniques and competitive challenges;
d)   be sensitive to the socio-economic needs of our heterogeneous and multicultural business communities and that of the world in general.

E.6.1.3.3.2   Articulation and exit point

On vertical level, the Honours BCom qualification articulates with the possibility to apply for admission to NQF level 9 qualifications, specifically the Magister qualifications within the student's chosen specialist discipline.

E.6.1.3.3.3   Other rules

Prospective students in Hons Bcom Risk Management should adhere to the following admission requirements.

a)   Students register for all eight modules (16 credits each) that have to be completed successfully.

b)   Please take cognisance of the fact that, owing to spesific capacity contraints, the University reserves the right to select candidates for placement in this curriculum. This means that prospective students who comply with the minimum requirements may not necessarily be admitted to

the degree and may be subject to further selection criteria such as a selection test and/or selection interview;

c) Prospective students should have obtained a minimum of 60% in the relevant prerequisite undergraduate modules.

E.6.1.3.3.4 Compilation of the curriculum (504 128 – E646V)

Module code	Descriptive name	Ct
	First semester	
ECON610	Investment Management	16
ECON612	Macro Economics	16
ECON615	Derivatives	16
ECON617	Econometrics	16
	Second semester	
ECON621	International Trade Relations	16
ECON622	Monetary and Fiscal Policy	16
ECON623	Risk Management	16
ECON627	Research Project	16
Credit total for the curriculum		**128**
Prerequisite:		
A minimum of 60% for each of the following modules: EKRP211, EKRP221, EKRP311, EKRP321, ECON211, ECON321 **or**		
A minimum of 60% for each of the following modules: EKRP311, BWIA221, BWIA271, ECON211, STTK321		
Further selection criteria apply.		

E.6.1.3.4   PROGRAMME: ENTREPRENEURSHIP AND MARKETING

The curriculum compiled in this programme, empowers students with high-level knowledge of concepts, structures, models, theories, principles, skills, research methodologies and applied competencies, to enable them to follow lucrative careers in the changing economic and business environment of the new millennium.

Furthermore, this curriculum enables the student to develop his/her intellectual and moral capacity in a more specialised way to understand the economic and business environment, as well as to think critically and innovatively to form the basis for further specialisation through means of advanced qualifications.

E.6.1.3.4.1   SPECIFIC ADMISSION REQUIREMENTS

The general guideline is a minimum of 60% per module or as required by the relevant school, obtained in the following semester courses: BMAN121, BMAN211, BMAN221, BMAN311 and BMAN321.

E.6.1.3.4.2   CURRICULUM: ENTREPRENEURSHIP AND MARKETING (504 130 – E654V)

E.6.1.3.4.3   Curriculum outcomes

On completion of this curriculum, the student should:
a)   display a profound knowledge of and insight into the economics and business environments and be able to solve problems resulting from this in conjunction with other disciplines;
b)   based on his/her knowledge of multidisciplinary concepts, structures, models, theories, principles and research methodologies, be able to identify and solve convergent and divergent economic and business related problems in a creative and critical manner;
c)   show an understanding for the need of maintaining competency and healthy practice to keep in step with the changing economic environment of new methods, techniques and competitive challenges.

E.6.1.3.4.4   Articulation and exit point

On vertical level, the Honours BCom -qualification articulates with the possibility to apply for admission for NQF level 8 or HEQF level 9-qualifications, specifically the Magister qualifications within the student's chosen specialist discipline.

E.6.1.3.4.5   Other rules

Students register for the modules that have to be completed successfully.

E.6.1.3.4.6   Compilation of the curriculum (504 130 – E654V)

Module code	Descriptive name	Ct
	First semester	
BMAN611	Integrated Management Application	16
BMAN612	Advanced Entrepreneurship	16
BMAR611	Retail management	16
BMAR671	Marketing Research	16
	Second semester	
BMAN621 or BMAR621	Business plan / Marketing plan	16
BMAN622 or BMAR622	Financial Management / International Marketing	16
BMAR623	Sales Management	16
BMAR671	Marketing Research	16
Credit total for the curriculum		**128**

E.6.1.4   PROGRAMME: ACCOUNTING SCIENCES

The curriculum compiled in this programme, empowers students with high-level knowledge of concepts, structures, models, theories, principles, skills, research methodologies and applied competencies, to enable them to follow lucrative careers in the changing economic and business environment of the new millennium.

Furthermore, this curriculum enables the student to develop his/her intellectual and moral capacity in a more specialised way to understand the economic and business environment, as well as to think critically and innovatively to form the basis for further specialisation through means of advanced qualifications.

E.6.1.4.1   CURRICULUM: CHARTERED ACCOUNTANCY (504 123 – E630V)

E.6.1.4.1.1   Curriculum outcomes

On completion of this curriculum, the student should:

a)   display a profound knowledge of and insight into the economics and business environments and be able to solve problems resulting from this in conjunction with other disciplines;

b)   based on his/her knowledge of multidisciplinary concepts, structures, models, theories, principals and research methodologies, be able to identify and solve convergent and divergent economic and business related problems in a creative and critical manner;

c)   show an understanding for the need of maintaining competency and healthy practice to keep in step with the changing economic environment of new methods, techniques and competitive challenges.

E.6.1.4.1.2   Articulation and exit point

On vertical level, the Honours BCom qualification articulates with the possibility to apply for admission for NQF level 8 or HEQF level 9-qualifications, specifically the Magister qualifications within the student's chosen specialist discipline.

23

E.6.1.4.1.3   **Other rules**

To be admitted to the BCom Hons (CA) the student

a)   must have obtained a BCom, BAcc, or an equivalent degree as approved by the Faculty Board. This degree must, as a minimum, include the following modules (or equivalent courses): Accounting (ACCC371), Auditing (AUDT371), Management Accounting (MACC311) and Financial Management (FINM312), and Taxation (TAXC371), all at third year level i.e. NQF level 7; AND

b)   The student must have obtained an average of at least 57% in each of Accounting, Auditing, Management Accounting and Financial Management, and Taxation in his/her final year. If any of the above-mentioned modules was passed by adjustment or condonement (including through the utilisation of a "third opportunity" exam), then admission will be rejected; OR

c)   A student who obtained any BCom degree other than a BCom (CA) or equivalent, should obtain the BCom Hons (Financial Accountancy) to be admitted to the BCom Hons (CA). The same percentage requirements as stated in paragraph (b) above will then apply; AND

d)   The modules referred to in paragraph (b) must have been passed in the immediately preceding year, or the year before that (i.e. in the two years preceding enrolment for the BCom Hons (CA)). If any of these modules were passed longer than two years ago, the percentage requirements mentioned in paragraph (b) is increased to 65% for each affected subject. If any of these modules were passed longer than three years ago, the student may be required to write an admission test; alternatively will be rejected; AND

e)   If the applicant previously studied with another university, stricter requirements may be applied; OR

f)   Previously unsuccessful students wishing to repeat the BCom Hons (CA) may be allowed to do so once, but only if they achieved at least 45% for three of the four modules and at least 40% for the fourth one, or have already obtained the BCom Hons (Financial Accountancy); OR

g)   Applicants who previously, but not more than once, attempted the Certificate in the Theory of Accounting (CTA) or equivalent at any other university may be admitted to the BCom Hons (CA) if the applicant achieved at least 45% for three of the four main subjects and at least 40% for the fourth one; AND

h)   An application must be made on the prescribed form to the School Director/programme leader of the Programme for Chartered Accountants' Training (CA) on or before 30 November of the year preceding the BCom Hons (CA) studies; AND

i)   The number of students that can be admitted is limited to the available capacity. The applicant's average mark for the four subjects mentioned in paragraph (b) may be a decisive consideration. Preference will be given to students who studied at this university in the year immediately preceding the BCom Hons (CA), and thereafter to other applicants; OR

j)   Applicants not satisfying the admission or re-admission requirements may be advised to do an appropriate bridging course, e.g. the Honours BCom (Financial Accountancy).

E.6.1.4.1.4   Compilation of the curriculum (504 123 – E630V)

Module code	Descriptive name	Ct
RECP671	Financial Accounting	48
RECP672	Advanced Auditing	48
RECP673	Advanced Income Tax	48
RECP674	Management accounting and Financial management	48
Credit total for the curriculum		**192**

E.6.1.4.2   CURRICULUM: FINANCIAL ACCOUNTANCY (504 124 – E635V)

E.6.1.4.2.1   Curriculum outcomes

On completion of this curriculum, the student should:

a)   display in-depth knowledge of and insight into the economic and business environments and solve the problems resulting from these, also by making use of other disciplines;

b)   identify and solve convergent and divergent economic and business-related problems creatively and critically on the basis of his/her knowledge of multidisciplinary concepts, structures, models, theories, principles and research methods;

c)   display an understanding of the need for retaining competency and healthy practices in order to keep pace with the changing economic environment of new methods, techniques and competing challenges.

E.6.1.4.2.2   Other rules

a)   In order to be admitted to the Hons BCom (Financial Accountancy) curriculum, the student should be in possession of a BCom or other degree as approved by the Faculty Board, with the following modules (or equivalent): Financial Accounting (ACCF311, 321 or ACCC371); Finanial Auditing (AUDF 311, 321 or AUDT371); Management accounting and Financial Management (MACC 311 and FINM 321); Income tax (TAXF311, 321 or TAXC371) and Commercial law (MLAW121, 211/311).

b)   For ACCF311, 321 and TAXF311, 321 or equivalent courses an average module mark of 60% is required (or 50% for ACCC371 and TAXC371) and for MACC311 and FINM321 an average of 55%.

c)   In order to be admitted to the Financial Accountancy curriculum, the student should apply to the director of the School of Accounting Sciences on the prescribed form before the start of the academic year.

d)   Successful completion of this Hons BCom (Financial Accountancy) degree could provide access to the Hons BCom (Chartered Accountancy) degree. The same percentage requirements as stated in paragrapha (b) by Chartered Accountancy (E6.1.4.1.3 (b)) will then apply

.

E.6.1.4.2.3   Compilation of the curriculum (504 124 – E635V)

Module code	Descriptive name	Ct
REIP671	Advanced Taxation and Trusts	32
REKP671	Advanced IRFS and Group statements	32
REKP674	Audit and Corporate Governance	32
REKP675	Financial Management and Strategy	32
REKP676	Applied Research in Financial Accountancy	32
Credit total for the curriculum		**160**

E.6.1.5   PROGRAMME: BEHAVIOURAL SCIENCES

The curricula compiled in this programme provide specialist training in the Behavioural Sciences with strong consideration given to job opportunities and the manpower requirements of our country. These curricula also prepares the student for further postgraduate study in specific specialist curricula

See heading "Other rules" at the relevant curriculum.

E.6.1.5.1   CURRICULUM: INDUSTRIAL PSYCHOLOGY (504 112 – E660V)

E.6.1.5.1.1   Curriculum outcomes

On completion of this curriculum, the student should be able to apply advanced functions and skills through which psychological phenomena in the work context can be investigated and managed.

E.6.1.5.1.2   Articulation and exit point

Successful completion of this curriculum allows access to registration for the qualification Master of Commerce. There are no earlier exit points.

E.6.1.5.1.3   Other rules

a)   The student should be in possession of a BCom degree or had been granted BCom status as approved by the Faculty Board. Students should adhere to all the core module requirements of the primary part of the proposed Hons BCom study.

b)   The specific requirements for the relevant curriculum should also be met.

c)   The student's general competency and academic performance in each of these core modules must be to the satisfaction of the relevant school director.

E.6.1.5.1.4   Compilation of the curriculum (504 112 – E660V)

Module code	Descriptive name	Ct
	First semester	
IOPS611	Psychometrics	8
IOPS612	Psychological Evaluation and Forensic Psychology	8
IOPS613	Organisational Behaviour	8
IOPS614	Research methodology	8
IOPS615	Career Psychology	8
IOPS616	Work Wellness	16
IOPS617	Organisational Development	8
IOPS618	Authentic Helping	8
	Second semester	
HRMA622	Human Capacity Building	8
HRMA623	Human Resource Management Strategies	16
IOPS622	Research Report	16
IOPS624	Advanced Practical Work	48
Credit total for the curriculum		**160**

E.6.1.5.2   CURRICULUM: HUMAN RESOURCE MANAGEMENT (504 121 – E662V)

E.6.1.5.2.1   Curriculum outcomes

On completion of this curriculum, the student should be able to apply advanced functions and skills through which sociological phenomena in the work context can be investigated and managed.

E.6.1.5.2.2   Articulation and exit point

Successful completion of this curriculum allows access to registration for the qualification Master of Commerce. There are no earlier exit points.

E.6.1.5.2.3   Other rules

a)   The student should be in possession of a BCom degree or have been granted BCom status as approved by the Faculty Board. Students should adhere to all the core module requirements of the primary part of the proposed Hons BCom-study.

b)   The specific requirements for the relevant curriculum should also be met.

c)   The student's general competency and academic performance in each of these core modules must be to the satisfaction of the relevant school director.

d)   Prosepective students would be subjected to a selection process as determined by the relevant school director.

E.6.1.5.2.4   Compilation of the curriculum (504 121 – E662V)

Module code	Descriptive name	Ct
	First Semester	
HRMA612	Psychological Evaluation, Recruitment, Selection and Placement	8
IOPS613	Organisational Behaviour	8
IOPS614	Research Methodology	8
IOPS615	Career Psychology	8
IOPS616	Work Wellness	16
IOPS617	Organisational Development	8
IOPS618	Authentic Helping	8
LARM611	Industrial Sociological Theories	8
	Second semester	
HRMA621	Practical Work	16
HRMA622	Human Capacity Building	8
HRMA623	Human Resource Strategies	16
IOPS622	Research Report	16
LARM623	Applied Labour Relations	16
LARM624	Collective Bargaining and Negotiation	16
Credit total for the curriculum		**160**

E.6.1.5.3   CURRICULUM: LABOUR RELATIONS MANAGEMENT (504 122 – E664V)

E.6.1.5.3.1   Curriculum outcomes

On completion of this curriculum, the student should be able to apply advanced functions and skills through which sociological phenomena in the work context can be investigated and managed.

E.6.1.5.3.2   Articulation and exit point

Successful completion of this curriculum allows access to registration for the qualification Master of Commerce. There are no earlier exit points.

E.6.1.5.3.3   Other rules

a)   The student should be in possession of a BCom degree or have been granted BCom status as approved by the Faculty Board. Students should adhere to all the core module requirements of the primary part of the proposed Hons BCom -study.

b)   The specific requirements for the relevant curriculum should also be met.

c)   The student's general competency and academic performance in each of these core modules must be to the satisfaction of the relevant school director.

d)   Prospective students would be subjected to a selection process as determined by th erelevant school director.

28

E.6.1.5.3.4   Compilation of the curriculum (504 122 – E664V)

Module code	Descriptive name	Ct
	First semester	
IOPS613	Organisational Behaviour	8
IOPS616	Work Wellness	16
IOPS617	Organisational Development	8
LARM611	Industrial Sociological Theories and Social Change	8
LARM614	Research Methodology	8
LARM615	Advanced Labour Relations	16
LARM616	Labour Market Principles	16
	Second semester	
HRMA622	Human Capacity Building	8
HRMA623	Human Resource Management Strategies	16
LARM621	Group Dynamics	16
LARM622	Research Report	16
LARM623	Applied Labour Relations	16
LARM624	Collective Bargaining and Negotiation	16
Credit total for the curriculum		**168**

E.6.2   RULES FOR THE DEGREE HONOURS BACHELOR OF SCIENCE

This qualification can be obtained in the programme and curricula described in rule E.5.3 (d) and can be taken full-time or part-time.

E.6.2.1   MINIMUM AND MAXIMUM DURATION

The minimum duration of study for this qualification is **one year** for full-time and **two years** for part-time students; the maximum duration is **two years**, on condition that permission may be sought for extension of the period.

E.6.2.2   ADMISSION

A student should already be in possession of an applicable bachelor's degree or equivalent qualification, as approved by the Senate.

E.6.2.3   PROGRAMME: COMPUTER SCIENCE AND INFORMATION SYSTEMS

The curricula compiled in this programme offer advanced and career-focused training in Information Technology. In the compilation of the curricula consideration was given to career opportunities and the manpower requirements of our country. These curricula also prepare the student for further postgraduate study (HEQF level 9) in specific specialist fields.

E.6.2.3.1   SPECIFIC ADMISSION REQUIREMENTS

Admission to this qualification programme occurs in terms of the Academic Rules of the University.

E.6.2.3.3   CURRICULUM: COMPUTER SCIENCE AND INFORMATION SYSTEMS

(202 134–N653V)

E.6.2.3.3.1   Curriculum outcomes

At the end of the study, the student should be capable of identifying and evaluating certain convergent and divergent problems from the field of the Information Technology, and to integrate basic knowledge and techniques of Information Technology to solve problems creatively and innovatively.

E.6.2.3.3.2   Articulation and exit point

The Honours BSc can give admission to further learning for the MSc degree.

E.6.2.3.3.3   Articulation to and from other institutions

a)   Credit will be given for modules from other faculties and institutions, on condition that the outcomes and total credit requirements for this curriculum have been adhered to in full.

b)   With the basic and applicable skills acquired by the student with this qualification, the student will be equipped to continue with further learning at other institutions.

E.6.2.3.3.4   Other rules

The curriculum is compiled in a fixed format as explained in E.6.2.3.3.5 below. The project should be selected in consultation with the director of the School of Information Technology, and preferably be done in collaboration with industries.

E.6.2.3.3.5   Compilation of the curriculum (202 134 – N653V)

Module code	Descriptive name	Ct
First Semester		
*ITRI612	*Linear Programming I	*12
*ITRI617	*Image Processing I	*12
ITRI611	Data Warehouses I	12
ITRI613	Databases I	12
ITRI614	Information Systems Engineering I	12
ITRI615	Computer Security I	12
ITRI616	Artificial Intelligence I	12
ITRI618	Decision Support Systems I	12
ITRI671	Project	32
Second Semester		
*ITRI622	*Linear Programming II	*12
*ITRI627	*Image Processing II	*12
ITRI621	Data Warehouses II	12
ITRI623	Databases II	12
ITRI624	Information Systems Engineering II	12
ITRI625	Computer Security II	12
ITRI626	Artificial Intelligence II	12
ITRI628	Decision Support Systems II	12
Credit total for the curriculum		**128**

Please note: *An asterisk (*) indicates that the module won't be offered in 2017*

E.6.3   RULES FOR THE DEGREE MASTER OF COMMERCE (MCOM)

E.6.3.1   DURATION OF STUDIES

The minimum duration for all MCom degrees is one year, with the exceptions of MCom (Industrial Psychology) and MCom (Banking and Financial Risk Management) of which the minimum duration is two years. The maximum duration for the completion of the degree is three (3) years, with the understanding that this period may be extended as determined in Academic Rule 4.4.10. The study may be terminated by the Senate on the recommendation of the Faculty Board on the basis of unsatisfactory progress.

E.6.3.2   ADMISSION

Admission to Magister study occurs in accordance with Academic Rule 4.2.

a) A student must be in possession of a Hons BCom degree or the status of an Hons BCom degree as approved by the Faculty Board. The study contents of such a degree should be to the satisfaction of the director for the proposed MCom study.

b) A student should have obtained an average of at least 60% in the Hons BCom (with the exception of the Honours BCom (Chartered Accountancy) where only a pass is necessary.).

c) The student should have obtained a minimum of 60% in the relevant Hons BCom modules upon which the proposed study is based.

d) The research capability of the student should be to the satisfaction of the relevant director. Prospective Mcom (Human Resource Management), MCom (Industrial Psychology) and MCom (Banking and Financial Risk Management) students are subject to a selection programme which is available from the director.

e) B-Tech degrees and diplomas will not be acknowledged.

E.6.3.3   PROGRAMMES AND CURRICULA

E.6.3.3.1   Curriculum outcomes

On completion of the curriculum:

a) students will be equipped with the expertise and an advanced and in-depth knowledge, as well as a critical orientation in the selected programme or curriculum which will enable them to contribute in a responsible and meaningful way to the field of Economic and Management Sciences on local and national level;

b) the research capability and skills of students will be thus developed that they will be able to undertake original research which results in the writing of a dissertation or research article(s).

E.6.3.3.2   PROGRAMME AND CURRICULUM: ECONOMICS (5CG N01 – E801V)

Module code	Descriptive name	Ct
ECON871	Dissertation	180
Credit total for the curriculum		**180**

E.6.3.3.3   PROGRAMME AND CURRICULUM: INTERNATIONAL TRADE (5CH N01 – E801V)

Module code	Descriptive name	Ct
EKIP871	Dissertation	180
Credit total for the curriculum		**180**

E.6.3.3.4   PROGRAMME AND CURRICULUM: RISK MANAGEMENT (5CJ N01 – E801V)

Module code	Descriptive name	Ct
EKRP871	Dissertation	180
Credit total for the curriculum		**180**

E.6.3.3.5   PROGRAMME AND CURRICULUM: ENTREPRENEURSHIP (505 124 – E814V)

Module code	Descriptive name	Ct
ENTR872	Dissertation	144
ENTR874	Advanced Entrepreneurship	36
Credit total for the curriculum		**180**

E.6.3.3.6   PROGRAMME AND CURRICULUM: MARKETING MANAGEMENT(5CK N01-E801V)

Module code	Descriptive name	Ct
BMAR871	Dissertation	180
Credit total for the curriculum		**180**

E.6.3.3.7   PROGRAMME AND CURRICULUM: BUSINESS MANAGEMENT(5CQ N01 - E801V)

Module code	Descriptive name	Ct
BMAN871	Dissertation	180
Credit total for the curriculum		**180**

E.6.3.3.8 **PROGRAMME AND CURRICULUM: BANKING AND FINANCIAL RISK MANAGEMENT (505 146 – E854V)**

E.6.3.3.8.1 **Specific admission requirements**

Prospective students in *Banking and Financial Risk Management* should adhere to the following admission requirements:

a) A student should be in possession of a suitable honours degree or equivalent qualification at NQF level 8.

b) The student must have a minimum of two years' work experience in a risk related field.

c) Prospective students have to pass a selection process as set by the UARM Centre for Applied Risk Management.

d) As part of the abovementioned point c); the student will have to consent and partake in an assessment centre, which includes psychometric assessments and an interview.

e) A student will need to provide evidence that his/her employer supports him/her studying this degree.

f) BTech degrees will not be considered for admission to the Master's degree.

E.6.3.3.8.2 **Compilation of the curricula**

Module code	Descriptive name	Ct
UARM811	Applied Analysis and Research in Risk Management	16
UARM812	Fundamentals of Risk Management	16
UARM813	Risk Assessment and Quantification Tools	16
UARM814	Risk Data and Reporting	16
UARM821	Behavioural Risk Management	16
UARM822	Governance, Risk and Compliance	16
UARM873	Mini dissertation: Applied Research Project	84
Credit total for the curriculum		**180**

E.6.3.3.9   PROGRAMME AND CURRICULUM: APPLIED RISK MANAGEMENT (5AR N01 – E810V)

E.6.3.3.9.1   Specific admission requirements:

Prospectivestudents in *Applied Risk Management* should adhere to the following admission requirements:

a)   A student should be in possession of a suitable honours degree or equivalent qualification at NQF level 8.

b)   The student must have a minimum of two years' work experience in a risk related field.

c)   Prospective students have to pass a selection process as set out by UARM Centre for Applied Risk Management.

d)   As part of the abovementioned point c); the student will have to consent and partakein an assessment centre, which includes psychometric assessmenst and an interview.

e)   A student will need to provide evidence that his/her employer supports him/her studying this degree.

f)   Btech degrees will not be considered for admission to the Master's degree.

E.6.3.3.9.2   Compilation of the curricula

Module Code	Descriptive Name	Ct
UARM811	Applied Analysis and Research in Risk Manageme	16
UARM812	Fundamentals of Risk Management	16
UARM814	Risk Data and Reporting	16
UARM822	Governance, Risk and Compliance	16
UARM823	Risk Assessment Tools	16
UARM821	Behavioural Risk Management	16
MARM873	Dissertation	84
Credit total fr this curriculum		**180**

E.6.3.4   PROGRAMME: ACCOUNTING SCIENCES

The curriculum compiled in this programme, empowers students with high-level knowledge of concepts, structures, models, theories, principles, skills, research methodologies and applied competencies, to enable them to follow lucrative careers in the changing economic and business environment of the new millennium.

Furthermore, this curriculum enables the student to develop his/her intellectual and moral capacity in a more specialised way to understand the economic and

business environment, as well as to think critically and innovatively to form the basis for further specialisation through means of advanced qualifications.

E.6.3.4.1   CURRICULUM: MANAGEMENT ACCOUNTANCY (5CL N01 - E801V)

E.6.3.4.1.1   Specific rules

a)   Students may also choose to write only a dissertation of 180 credits .

b)   The subject of the dissertation should be approved by the Faculty Board on recommendation of the relevant director.

E.6.3.4.1.2   Compilation of the curricula

Module Codes	Descriptive name	Credits
MACC871	Dissertation	180
Credit total for the curriculum		**180**

E.6.3.4.2   CURRICULUM: ACCOUNTANCY (5CM N01 – E801V)

E.6.3.4.2.1   Specific rules

a)   The student should write a dissertation (180 credits).

b)   The subject of the dissertation should be approved by the Faculty Board on recommendation of the relevant director.

E.6.3.4.2.2   Compilation of the curriculum (5CM N01- E801V)

Module code	Descriptive name	Ct
ACCC871	Dissertation	180
Credit total for the curriculum		**180**

E.6.3.4.3   CURRICULUM: TAXATION

(5CN N01 – E801V) **Not offered in 2017**

E.6.3.4.3.1   Specific rules

a)   Students may only write a dissertation (188 credits).

b)   The subject of the dissertation should be approved by the Faculty Board on recommendation of the relevant director.

E.6.3.4.3.2   Compilation of the curriculum (5CN N01 – E801V)

Module code	Descriptive name	Ct
TAXM871	Dissertation	188
Credit total for the curriculum		**188**

E.6.3.4.4   CURRICULUM: HUMAN RESOURCE MANAGEMENT (505 128 – E852V)

E.6.3.4.4.1   Specific admission requirements

Prospective students in *Human Resource Management* should adhere to the following admission requirements:

a)   A student should be in possession of a BA honours or BCOM honours degree in Human Resource Management or Industrial Psyhology. The study content of this degree must be to the satisfaction of the dean and the director of the School for Behavioural Sciences. The degree should include the following subjects: Research methodology and research report and Practical Statistics.

b)   The student must have obtained an minimum average of *65%* in the honours degree in order to qualify to be invited to the selection process.

c)   The research ability of the student must be to the satisfaction of the school director and the director of the research entity. Students whose abilities in research methods (as determined during the selection process) are deemed not to be adequate will only be accepted into the master's programme after successfully completing a research methodology course. (Such a course is made available by Optentia Research Focus Area or any other course to the satisfaction of the director of the research entity).

d)   Prospective students should also pass a selection process directed at the measurement of the competencies set for Human Resource Practitioners. The selection process includes a competency examination in Scientific reasoning. Students whose abilities in Scientific reasoning are deemed not to be adequate will only be accepted into the master's programme after successfully completing a prescribed Scientific Reasoning course.

Students from other universities:
- Any other student will be judged based on the outcomes and content of the programme they studied at the particular university.
- Credits for prospective students may be considered on the basis of interviews, portfolios and/or tests that seek to identify experiential learning, skills and motivation.
- Students in possession of a NQF level 8 qualfication in Human Resource Management (or equivalent) will be considered on competence and experience for admission to the Masters degree.

E.6.3.4.4.2   Compilation of the curriculum (505 128 – E852V)

Module code	Descriptive name	Ct
HRMA872	Dissertation	148
HRMA874	Scientific Reasoning	16
HRMA875	People Development	16
Credit total for the curriculum		**180**

E.6.3.4.5   CURRICULUM: INDUSTRIAL PSYCHOLOGY (505 126 – E850V)

E.6.3.4.5.1   Specific admission requirements

Prospective students in *Industrial Psychology* should adhere to the following admission requirements:

a)   A student should be in possession of a BA honours or BCOM honours degree in Industrial Psychology from an accredited HPCSA university (this implies that the degree will lead to the registration as Psychometrist with the HPCSA after successfully completing the board exam). The study content of this degree must be to the satisfaction of the dean and the director of the School for Behavioural Sciences.

b)   The degree should include the following subjects: Psychometrics, Psychological evaluation (Psychometric testing), Career psychology, Research methodology and research report, Organisational development, Human resource strategies and Practical Statistics.

c)   The student must have obtained a minimum average of *65%* in the honours degree in order to qualify to be invited to the selection process.

d)   The research ability of the student must be to the satisfaction of the school director and the director of the research entity. Students whose abilities in research methods (as determined during the selection process) are deemed not to be adequate will only be accepted into the master's programme after successfully completing a research methodology course. (Such a course is made available by Optentia or any other course to the satisfaction of the director of the research entities).

e)   Prospective students should also pass a selection process directed at the measurement of the competencies set for psychologists by the Health Professions Council of South Africa (HPCSA). The selection process includes a competency examination in Statistics. Students whose abilities in Statistics are deemed not to be adequate will only be accepted into the master's programme after successfully completing a Statistics course. (Such a course is made available by Optentia or any other course to the satisfaction of the director of the research entities).

Students from other universities:
• Any other student will be judged based on the outcomes and content of the programme they studied at the particular university.
• Credits for prospective students may be considered on the basis of interviews, portfolios and/or tests that seek to identify experiential learning, skills and motivation.
• Diplomas or technikon degrees will not be acknowledged.
• Any other degree outside Industrial psychology will not be considered for admission to the Master's degree.

E.6.3.4.5.2 **Compilation of the curriculum (505 126 – E850V)**

Module code	Descriptive name	Ct
IOPS873	Mini-dissertation	100
IOPS874	Scientific Reasoning	16
IOPS875	People Development	16
IOPS876	Professional Industrial Psychology	16
IOPS877	Wellbeing	16
IOPS878	Applied Counselling	16
Credit total for the curriculum		**180**

E.6.3.4.6 **CURRICULUM: LABOUR RELATIONS MANAGEMENT (5CF N01 – E801V)**

E.6.3.4.6.1 **Specific rules**

a) A student must be in possession of a relevant and applicable Honours BCom degree or have the status of a relevant and applicable Honours BCom degree as approved by the Senate. The study content of this degree must be to the satisfaction of the Dean and the director involved with the intended MCom studies**.**

b) The student must have obtained an average of at least 65% in the relevant Honours BCom. The research ability of the student must be to the satisfaction of the School director and the Director of the research area/unit. Students whose ability in research methods are deemed not to be adequate by the school director and research director will only be accepted into a M-programme after successfully completing the faculty's short courses in research methodology. Students with an honours degree in Industrial Psychology or Human Resource Management, will when they have completed a preliminary oral examination to the satisfaction of the Subject chair of Labour Relations Management, be allowed to enrol for a master's degree in Labour Relations Management provided the academic requirements of the latter programme are complied with.

E.6.3.4.6.2 **Compilation of the curriculum (5CF N01 – E801V)**

Module code	Descriptive name	Ct
LARM871	Dissertation	180
Credit total for the curriculum		**180**

E6.4 RULES FOR THE DEGREE MASTER OF SCIENCE (MSC)

The M.Sc. degree is a degree which may follow on an Honours BSc degree or another recognised degree approved by the Senate, or once the status of a BSc or an Honours BSc degree has been conferred. The study can be undertaken on a full-time or part-time basis.

E.6.4.1 MINIMUM AND MAXIMUM DURATION

The minimum duration of the study is one year full-time and two years part-time and the maximum duration is three years, calculated from the date of first registration for the qualification programme, with the understanding that permission may be sought for extension of the period.

E.6.4.2 SPECIFIC ADMISSION REQUIREMENTS

A student who envisages enrolling for the master's degree should obtain permission to undertake the study from the director of the research unit for Business Mathematics and Informatics, who will act in consultation with the director of the School of Information Technology. Admission occurs according to the Academic Rules of the University.

E.6.4.3 CURRICULUM: COMPUTER SCIENCE (2DB N01 – N801V)

Barring high exceptions that must be approved by the Senate, the research required for a master's dissertation should be done within a research unit or one of the research focus areas. The master's programme presented in the School of Information Technology, resorts under the research unit for Business Mathematics and Informatics.

E.6.4.4 CURRICULUM OUTCOMES

The outcomes as described for the Honours Bachelor of Science are further refined and polished in this Master of Science. Furthermore, the qualifiers in this program will be familiar with the general scientific methods of research, with emphasis on the particular research methodology of the Information Technology.

E.6.4.4.1 ARTICULATION AND EXIT POINT

E.6.4.4.1.1 Articulation for further study

On the successful completion of the MSc qualification, the student will have immediate access to further learning for the doctoral degree on HEQF level 10.

E.6.4.4.1.2 Articulation to and from other institutions

a) Credit will be given for modules from other faculties and institutions, on condition that the outcomes and total credit requirements for this curriculum have been fully adhered to.

b) With the basic and applicable skills acquired by the student with this qualification, the student will be equipped to continue with further learning at other institutions.

E.6.4.4.1.3 Compilation of the curriculum (2DB N01 – N801V)

A student chooses in consultation with the director of the research unit for Business Mathematics and Informatics and the director of the School of Information Technology a suitable theme for a dissertation.

Module code	Descriptive name	Credits
ITWV871	Dissertation	180
Credit total for the curriculum		**180**

E.6.4.5 CURRICULUM: OPERATIONAL RESEARCH (203 180 – N801V)

Barring high exceptions that must be approved by the Senate, the research required for a master's dissertation should be done within a research unit or one of the research focus areas.

E.6.4.6 CURRICULUM OUTCOMES

The outcomes as described for the Honours Bachelor of Science are further refined and polished in this Master of Science. Furthermore, the qualifiers in this program will be familiar with the general scientific methods of research, with emphasis on the particular research methodology of the Information Technology.

E.6.4.6.1 ARTICULATION AND EXIT POINT

E.6.4.6.1.1 Articulation for further study

On the successful completion of the MSc qualification, the student will have immediate access to further learning for the doctoral degree on HEQF level 10 in the appropriate program.

E.6.4.6.1.2 Articulation to and from other institutions

a) Credit will be given for modules from other faculties and institutions, on condition that the outcomes and total credit requirements for this curriculum have been fully adhered to.

b) With the basic and applicable skills acquired by the student with this qualification, the student will be equipped to continue with further learning at other institutions.

E.6.4.6.1.3 Compilation of the curriculum (203 180 – N801V)

A student chooses in consultation with the director of the research unit for Business Mathematics and Informatics and the director of the School of Information Technology a suitable theme for a dissertation.

Module code	Descriptive name	Credits
ITWV874	Data MiningI	32
ITWV875	Data Mining II	32
ONAV872	Dissertation	64
Credit total for the curriculum		**128**

E.7 RULES FOR THE DEGREE DOCTOR OF PHILOSOPHY (PHD)

This qualification can be obtained in one of the programmes and curricula listed in E.5.3 (d) and which are described in more detail below, and can be taken either part-time of full-time.

E.7.1 RULES FOR THE DEGREE DOCTOR OF PHILOSOPHY (PHD)

E.7.1.1 MINIMUM AND MAXIMUM DURATION

The minimum duration for the degree study is two academic years and barring exceptions, a maximum of four academic years, with the understanding that this period can be extended as determined in Academic Rule 5.4.10. The study may be terminated by the Senate on the recommendation of the Faculty Board on the basis of unsatisfactory progress.

E.7.1.2 ADMISSION

a)   Admission to doctoral studies takes places in accordance with Academic Rule 5.2.

b)   A candidate should possess a master's degree in the curriculum for which the candidate would like to register for a PhD.

E.7.2 SCHOOL OF BEHAVIOURAL SCIENCES

E.7.2.1 CURRICULA

The student registers for **one** of the following curricula in consultation with the school and research directors:

Qualification Codes	Curriculum Codes	Module Codes	Descriptive Names	Ct
5CC R01	E901V	IOPS971	Thesis (Industrial Psychology)	360
5CA R05	E901V	LARM971	Thesis (Labour Relations Management)	360

E.7.2.2 PROGRAMME: INDUSTRIAL PSYCHOLOGY

E.7.2.2.1 Admission requirements:

Prospective students in *Industrial Psychology* should be in possession of Master's degree in Industrial Psychology. An average of 60% in the Master's degree is a prerequisite for PhD selection. All applications are subject to a selection process based on the student's CV and a scheduled interview during which the prospective research study of the student will be discussed.

E.7.2.2.2   Compilation of the curriculum (5CC R01 – E901V)

Module code	Descriptive name	Ct
IOPS971	Thesis	360
Credit total for the curriculum		360

E.7.2.3   PROGRAMME: LABOUR RELATIONS MANAGEMENT

E.7.2.3.1   Admission requirements:

Prospective students in *Labour Relations Management* should be in possession of Master's degree in Labour Relations. An average of 60% in the Master's degree is a prerequisite for PhD selection. All applications are subject to a selection process based on the student's CV and a scheduled interview during which the prospective research study of the student will be discussed.

E.7.2.3.2   SPECIFIC ADMISSION REQUIREMENTS

a)   The research ability of the student must be to the satisfaction of the School director and the director of the research area/unit.

b)   Students whose ability in research methods are deemed not to be adequate by the School director and Research director will only be accepted into a PhD-programme after successfully completing the faculty's short courses in research methodology.

c)   Part-time students may register for the PhD degree after a research proposal was accepted by the school and if a promoter is available for the study.

d)   A student must have a relevant and applicable M-degree or the status of a relevant and applicable M-degree as approved by the faculty's board and senate. The study field must be approved by the relevant School director and Research director.

e)   The student must at least passed the above mentioned M-degree with an average of 60%.

E.7.2.3.2   Compilation of the curriculum (5CA R05 – E901V)

Module code	Descriptive name	Ct
LARM971	Thesis	360
Credit total for the curriculum		360

E.7.3   SCHOOL OF ACCOUNTING SCIENCES

E.7.3.1   CURRICULA

The student registers for **one** of the following curricula in consultation with the school and research directors:

Qualification codes	Curriculum Codes	Module Codes	Descriptive Names	Ct
5CA R09	*E901V*	*TAXM971*	*Thesis (Taxation)*	*360*
506 134	E931V	BRKP971	Thesis (Management Accountancy)	360
5CA R01	E901V	ACCC971	Thesis (Accountancy)	360

Not offered in 2017

E.7.4 SCHOOL OF ECONOMIC SCIENCES

E.7.4.1 CURRICULA

The student registers for **one** of the following curricula in consultation with the school and research directors:

Qualification codes	Curriculum Codes	Module Codes	Descriptive Names	Ct
5CA R02	E901V	BMAN971	Thesis (Business Management)	360
5CA R03	E901V	ECON971	Thesis (Economics)	360
5CA R04	E901V	EKIP971	Thesis (International Trade)	360
5CA R08	E901V	EKRP971	Thesis (Risk Management)	360
506 124	E915V	ENTR971	Thesis (Entrepreneurship)	360
5CA R07	E901V	BMAR971	Thesis (Marketing Management)	360

E.7.5 SCHOOL OF INFORMATION TECHNOLOGY

Barring high exceptions that must be approved by the Senate, the research required for a PhD-thesis, should be done within a research unit or one of the research focus areas. The PhD-programme presented in the School of Information Technology, resorts under the research unit for Business Mathematics and Informatics.

E.7.5.1 SPECIFIC ADMISSION REQUIREMENTS

A student, who envisages enrolling for the doctoral degree, should obtain permission to undertake the study from the director of the research unit for Business Mathematics and Informatics, who will decide in consultation with the director of the School of Information Technology. Admission occurs according to the Academic Rule 5.2 of the University.

The area of research in which the thesis can be written, is determined by the research sub-programmes within the Research Unit for Business Mathematics and Informatics. The subject for a PhD-thesis should be chosen in consultation with the director of the research unit for Business Mathematics and Informatics and the director of the School of Information Technology, from one of the following research areas:

44

       i)   Decision Support Systems

       ii)   Data-mining

       iii)   Human-computer Interaction

       iv)   Speech Technology

       v)   Mobile Technology

       vi)   Serious Games

E.7.5.2 PROGRAMME: INFORMATION TECHNOLGY

E.7.5.2.1 CURRICULUM OUTCOMES

The outcomes as described for the Master of Science are further refined and polished in this curriculum to enable the student to make a specific contribution to the development of new knowledge and skills in the field of specialisation.

E.7.5.2.2 Articulation to and from other institutions

a) Credit will be given for modules from other faculties and institutions, on condition that the outcomes and total credit requirements for this curriculum have been adhered to in full.

b) With the basic, applicable and specialist skills, as well as research skills acquired by the student with this qualification, the student will be equipped to continue with further learning in related specialist areas at other institutions, national and international.

E.7.5.2.3 Compilation of the curriculum (2CB R01 – N901V)

Module code	Descriptive name	Credits
ITWV971	Thesis	360
Credit total for the curriculum		360

E.7.5.3 PROGRAMME: OPERATIONAL RESEARCH

E.7.5.3.1 Curriculum Outcomes

The outcomes as described for the Master of Science are further refined and polished in this curriculum to enable the student to make a specific contribution to the development of new knowledge and skills in the field of specialisation.

E.7.5.3.2 Articulation to and from other institutions

a) Credit will be given for modules from other faculties and institutions, on condition that the outcomes and total credit requirements for this curriculum have been adhered to in full.

b) With the basic, applicable and specialist skills, as well as research skills acquired by the student with this qualification, the student will be equipped to continue with further learning in related specialist areas at other institutions, national and international.

E.7.5.3.3   Compilation of the curriculum (2CC R21 – N901V)

Module code	Descriptive name	Credits
ONAV971	Thesis	360
Credit total for the curriculum		360

E.8 MODULE-OUTCOMES OF POSTGRADUATE MODULES

The module-outcomes postgraduate curricula presented on the Vaal Triangle Campus, are listed alphabetically. After each module code appears between brackets the credits as well as the HEQF-level and the descriptive name of the module. Module-outcomes that do not appear here can be found in the study guide for the relevant module.

Module Code: BMAN 611	Semester 1	NQF-Level: 8
Title: INTEGRATED MANAGEMENT APPLICATION		
Module Outcomes: Upon completion of this module, the student should be able to • demonstrate a systematic and theoretical knowledge of the elements that contribute to an effective business plan as well as the elements that contributes to a feasible business opportunity, • an understanding of the importance of composing functional plans as part of the business plan, • the skills to use the theoretical knowledge • to identify and analyse business opportunities and to compile and present a business plan.		
Method of delivery:		
Assessment Methods:		
Module Code: BMAN 612	Semester 1	NQF-Level: 8
Title: ADVANCED ENTREPRENEURSHIP		
Module Outcomes: Upon completion of module, the student should be able to • apply the role of entrepreneurship in the economy, the broad meaning of the term entrepreneurship, entrepreneurial mindset and success skills in different contexts, • analyse the dominant themes for entrepreneurial success, • develop and present a personal entrepreneurial . career strategy, • apply the driving forces of entrepreneurship in the entrepreneurial process, • analyse various opportunities by means of the window of opportunity, • analyse opportunities by means of opportunity scanning, • know how to get access to various financing alternative, • analyse a franchise as opportunity, • know the basic principles of taxation for the individual and business, • write and analyse a case study, • know how to manage a business in the start-up and growth phase, work in groups on assignments and give effective feedback and make meaningful presentations.		
Method of delivery:		
Assessment Methods:		
Module Code: BMAN 621	Semester 2	NQF-Level: 8
Title: BUSINESS PLAN		
Module Outcomes: Upon completion of this module you should be able to • demonstrate the skills to use the theoretical knowledge to identify and analyse business opportunities, • the ability to do an industry and market analysis of a business venture, • the ability to identify a feasible business opportunities and • the ability to draw up and present a structured business plans.		
Method of delivery:		
Assessment Methods:		

Module Code: BMAN 622	Semester 2	NQF-Level: 8

Title: FINANCIAL MANAGEMENT

Module Outcomes:

After completion of this module, the student should be able to

- demonstrate a complete and systematic knowledge of financial statements and cash management, fixed assets, analysis of financial management and working capital, time value of money, valuation and the required rate of return, financial decisions and dividend policy, skills based upon an informed comprehension of theories and concepts, evaluating and analysing financial statement, calculating all calculations on the time value of money, financial aspects and making decisions based on these results,
- the ability to undertake a literature and environmental review, prepare a basic report on financial issues as individual or as a member of a team and to communicate in writing as well verbally the report to an audience and the ability to solve problems and case studies based on the above-mentioned aspects.

Method of delivery:

Assessment Methods:

Module Code: BMAR 611	Semester 1	NQF-Level: 8

Title: RETAIL MANAGEMENT

Module Outcomes:

Upon completion of this module, the student should be able to

- demonstrate knowledge regarding retailing management, do a situation analysis, target the right customer for a retail store, choose a location for a retail store, manage a retail store,
- demonstrate knowledge regarding the management of a retail store,
- demonstrate knowledge about the inventory and pricing structure used in retail store management, identify how to communicate with customers and write a retail plan.

Method of delivery:

Assessment Methods:

Module Code: BMAR 621	Semester 2	NQF-Level: 8

Title: MARKETING PLAN

Module Outcomes:

Upon completion of this module the student should be able to

- analyse the business 'current' situation, analyse markets and customers, perform a swot analysis, perform market segmentation, target marketing and positioning of business products, set financial, marketing and societal objectives,
- develop a marketing strategy, develop marketing programmes, draft a marketing plan covering all constructs as discussed above and present a marketing plan to stakeholders.

Method of delivery:

Assessment Methods:

Module Code: BMAR 622	Semester 2	NQF-Level: 8

Title: INTERNATIONAL MARKETING

Module Outcomes:

Upon completion of this module the student should be able to

- express a thorough understanding of the theory as set out in the prescribed textbook and apply this to case studies,
- to compile a profile from a marketing and possible international export point of view for a given country and or region in terms of specific criteria,
- to apply the factors of the socio-economic, legal, economic, political, physical and technological environment to an international marketing campaign, explain the importance of international marketing research,
- to formulate a product idea for a international marketing plan and discuss aspects of importance when incorporating the product in the marketing mix,
- to develop and submit a written international marketing plan and to present an international plan by means of a 15 minute sales presentation where the idea and its components are presented to management and other possible investors.

Method of delivery:

Assessment Methods:

Module Code: BMAR 623	Semester 2	NQF-Level: 8

Title: SALES MANAGEMENT

Module Outcomes:

After completion of this module the student should be able to
- develop a personal selling philosophy,
- a relationship strategy,
- a product strategy,
- a customer strategy and
- a presentation strategy.

Method of delivery:

Assessment Methods:

Module Code: BMAR 671	Year module	NQF-Level: 8

Title: MARKETING RESEARCH

Module Outcomes:

After completion of this module, the student should be able to
- demonstrate the ability to compile a research proposal, demonstrate the ability to compile a questionnaire, gather primary data by means of fieldwork under the target sample respondents, capture and analyse data obtained from the fieldwork
- demonstrate the ability to write an academic article.

Method of delivery:

Assessment Methods:

Module Code: ECON 610	Semester 1	NQF-Level: 8

Title: INVESTMENT MANAGEMENT

Module Outcomes:

After completion of this module, you should be able to design or develop a rigorous process for an investment management firm utilising the following knowledge:
- top down aspects of portfolio management
- asset allocation
- risk assessment and risk management
- equity analysis
- government, corporate and inflation-protected bonds in portfolio management
- industry analysis
- style analysis
- tax-efficient investing
- trading
- socially responsible investing and corporate engagement
- alternative investments
- hedge fund strategies.

Module Code: ECON 611	Semester 1	NQF-Level: 8

Title: MICRO-ECONOMICS

Module Outcomes:

After completion of this module the student should be able to
- demonstrate the ability to solve micro-economic problems using logical and quantitative skills, the ability to think critically and analytically on "real world" issues
- to analyse critically a range of micro-economic policy issues,
- the ability to evaluate micro-economic arguments and evidence
- the ability to present micro-economic arguments orally in writing.

Method of delivery:

Assessment Methods:

49

Module Code: ECON 612	Semester 1	NQF-Level: 8

Title: MACRO-ECONOMICS

Module Outcomes:

After completion of this module the student should be able to

- demonstrate a thorough understanding of the functioning of the macro-economy over both the long- and short-term,
- demonstrate the ability to analyse the address macro-economic problems, such as growth, inflation and unemployment, using various analytical methods,
- apply knowledge of the different viewpoints concerning the interrelationships and interdependencies of the economy as a whole to evaluate macro-economic policy recommendations in the South African context.

Module Code: ECON 614	Semester 1	NQF-Level: 8

Title: ECONOMIC DEVELOPMENT

Module Outcomes:

After completion of this module, the student should be able to

- demonstrate a solid knowledge of the principles and application of economic development, participate intelligently as an economist in the development debate, interpret, understand and express the interrelated aspects and applications of economic development within the theoretical framework, understand the practical circumstances in less developed countries
- formulate consistent economic policy advice that could address the economic problems of less development countries, especially for African countries of the Sahara, including South Africa, draft a socio-economic analysis of an area and write reports including the application of regression analysis and other techniques that were studied in other related disciplines
- to apply and explain various aspects of economic development phenomena and suggest an economic policy framework.

Method of delivery:

Assessment Methods:

Module Code: ECON 615	Semester 1	NQF-Level: 8

Title: DERIVATIVES

Module Outcomes:

After completion of the module the student should be able to

- apply derivative instruments of cbot, lme, saffex and related markets to solve risk management scenarios,
- demonstrate practical knowledge of how to hedge price risks of plastic, selected metals, gold, maize, wheat, sunflower, shares on the JSE, bonds, interest rate and foreign exchange with derivate instruments.

Method of delivery:

Assessment Methods:

Module Code: ECON 617	Semester 1	NQF-Level: 8

Title: ECONOMETRICS

Module Outcomes:

After completion of this module the student should be able to

- demonstrate well-rounded and systematic knowledge of time series regression models and specification testing of the results
- demonstrate as an individual and/or part of a group the practical skills to estimate and test time series regression models with eviews software, undertake specification testing, including testing for stationarity, structural breaks, multico;
- linearity, heteroscedasticity, autocorrelation and co-integration and formulate for practical problems in the field of economic analyses and demonstrate the competence to identify a research question in the fields of economics, risk management or international trade, retrieve relevant information, apply time series econometric methods to analyse and interpret the research results and communicate the findings in an ethically oral presentation using the appropriate it as well in report/article of 20 pages.

Method of delivery:

Module Code: ECON 618	Semester 1	NQF-Level: 8

Title: RESEARCH METHODS

Module Outcomes:

After completion of this module you should be able

- to demonstrate well-rounded and systematic knowledge of the research process construction of questionnaires, conducting surveys and analysis of survey data,
- demonstrate as individual and/or part of a group, the practical skills to plan a research project, design a questionnaire, undertake a pilot study, analyse the results using SPSS and disseminate them and demonstrate competence to identify a research question in the fields of economics, risk management or international trade, retrieve information, apply basic statistics and economic methods to analyse and interpret the research results and then communicate the findings in an ethically sound oral presentation using the appropriate it as well as in project report/article of 20 pages.

Method of delivery:

Module Code: ECON 621	Semester 2	NQF-Level: 8

Title: INTERNATIONAL TRADE RELATIONS

Module Outcomes:

After completion of this module you should be able to

- demonstrate well-rounded and systematic knowledge of the changing face of the world economy and the factors influencing international competitiveness,
- demonstrate the competence to evaluate the underlying causes of economic wellbeing as reflected in a country's economic growth and development as well as the role of the balance of payments and other selected indicators in highlighting a country's general economic performance and potential, analyse as an individual and/or part of a group the macro-economic policies that a country's national authorities implement to maximise savings and investment control inflation and currency fluctuations and enhance a country's competitiveness,
- demonstrate well-rounded and systematic knowledge of the composition of the international monetary system and analyse as an individual and/or as a group the exosmic events and decisions-both locally and internationally, that have moulded South Africa environment in recent years.

Method of delivery:

Module Code: ECON 622	Semester 2	NQF-Level: 8

Title: FISCAL AND MONETARY POLICY

Module Outcomes:

After completion of this module the student should be able to

- demonstrate well-rounded and systematic knowledge of current fiscal and monetary policies issues in South African context, demonstrate as an individual and/or as part of a group, the practical skills to identify current policy issues (e.g. fiscal rules or monetary targets) and to recommend the appropriate policy action and to
- demonstrate the competence to evaluate different forms of government intervention in the economy and to communicate recommendations to policymakers and stakeholders in written reports and oral presentations using the appropriate it.

Method of delivery:

Assessment Methods:

Module Code: ECON 623	Semester 2	NQF-Level: 8

Title: RISK MANAGEMENT

Module Outcomes:

After the completion of this module the student should be able to

- demonstrate a solid knowledge of bank risk management and regulation with the focus on strategic risk management strategies and less on the actual risk measurement.
- Demonstrate in depth knowledge of basel ii,
- discuss strategic risk management and the role of the alco, and
- To describe the management of interest rate risk, liquidity risk, credit risk, market risk, operational risk and foreign exchange risk in banks in written reports

Method of delivery:

Assessment Methods:

Module Code: ECON 624	Semester 2	NQF-Level: 8

Title: ECONOMIC MODELLING

Module Outcomes:

Upon completion of this module the student should be able to

- demonstrate well-rounded and systematic knowledge of general equilibrium and macro-economic models and their application to answer 'what if ' questions in economics,
- demonstrate as individual and/or as part of a group the practical skills to build 1-2-3 general equilibrium (in excel) and a small macro-economic model (in eviews) and run a simulation and demonstrate the competence to identify a research question in the field of economics retrieve relevant information, use small general equilibrium model or macro-econometric model to simulate the shock interpret the results and the communicate the findings in an ethically sound oral presentation using the appropriate it as well as in a report / article of 20 pages.

Method of delivery:

Assessment Methods:

Module Code: ECON 627	Semester 2	NQF-Level: 8

Title: RESEARCH PROJECT

Module Outcomes:

After completion of this module the student should be able to

- demonstrate well-rounded and systematic knowledge of the research process,
- demonstrate as an individual the practical skills to plan a research project, undertake the study, analyse the results and disseminate
- demonstrate the competence to identify a research question in the fields of economics, risk management or international trade, retrieve relevant information, apply basic statistics and econometric methods
- to analyse and interpret the research results, and the communicate the findings in an ethically sound oral presentation using the appropriate it as well as an honours dissertation.

Method of delivery:

Assessment Methods:

Module Code: HRMA 612	Semester 1	NQF-Level: 8

Title: PSYCHOLOGICAL EVALUATION, RECRUITMENT, SELECTION AND PLACEMENT

Module Outcomes:

After completion of this module the student should be able to

- Know and understand the principles of psychometric evaluation.
- Know and understand the responsibilities of assessment practitioners
- Know which tests registered psychometrists may use in the work and educational context at national and international level.
- Know and understand the ethics involved in the psychological evaluation of individuals.
- Know and understand the purposes of fair and ethical selection in assessment practices
- Understand the factors influencing candidates' perception of fair and ethical selection and assessment practices
- Know and understand the role of relevant legislation
- Be able to define the role of psychometric tests as part of the selection process
- Be able to manage the complete recruitment process.

Method of delivery: Full-time

Assessment Methods: The formative and summative assessment methods and weights will be indicated in the study guide and on Efundi.

Module Code: HRMA 621	Second semester module	NQF-Level: 8
Title: PRACTICAL WORK		

Module Outcomes:

After completion of this module the student should be able to

- Know and understand how to apply different ways of counselling individuals in the workplace (for different reasons, including retirement, organisational transformation, retrenchments and other crises) and f referring these individuals to the appropriate professional where necessary.
- Know and understand how to apply knowledge and skills to evaluate, present and develop career planning workshops and life skills workshops for students and adults in the workplace, know and understand how to practically determine the meaning(s) that work and to be working hold for the modern person, how optimal occupational choice should be facilitated, which career tasks have to be carried out in the different career stages (in relation to the specific career issues that come to the fore), and which learning experiences are involved when facilitating vocational adjustment.
- Apply knowledge and skills to investigate and facilitate adaptation of employees in the workplace.
- Apply contextual knowledge and skills to ensure that the diverse client population are evaluated in a scientific and fair manner.
- Apply knowledge and skills to analyse and compile posts according to specific criteria.
- Know and understand a job evaluation system and the conditions necessary for its effective implementation.
- Form part of a panel that evaluates these jobs; correctly analysing and grading these posts.
- Develop a remuneration system based on performance.
- Compile competency profiles of different posts at different levels.
- Compile a recruitment advertisement for a specific post.
- Develop an induction programme for new employees; present and evaluate the programme.
- Develop a structured interview for a specific post, train the line managers and interview candidates in a scientific and fair manner.
- Show competency in personnel administration.
- Apply skills to ensure a scientific and fair performance management process.
- Support and assist in the development of an affirmative action programme in the work context.
- Develop a training programme for line managers, present and evaluate the programme.
- Perform an organisation diagnosis in an organisation according to the prescribed model, diagnose problems and opportunities in the organisation in the correct manner; write a report and present a presentation regarding the diagnosis.
- Present a self-development programme to employees of an organisation and assist the members to deal with change and stress in the workplace.
- Make recommendations regarding organisational socialising mechanisms that can be used to ensure organisational efficiency.
- Use various instruments to investigate the motivation levels of employees and make suggestions regarding corrective actions.
- Facilitate a strategic planning session and write a report concerning the session.
- Select, implement and evaluate organisational development interventions.
- Present and evaluate a diversity training programme.
- Undertake leadership development according to the prescribed guidelines.
- Identify the lifecycle of an organisation according to the correct measures and make recommendations as to how the effectiveness of the organisation can be improved.

Method of delivery: Full-time		
Assessment Methods: The formative and summative assessment methods and weights will be indicated in the study guide and on Efundi.		
Module Code: HRMA622	Semester 2	NQF-Level: 8
Title: HUMAN CAPACITY BUILDING		

Module Outcomes:

After completion of this module the student should be able to

- Understand and evaluate the organisation's vision, values and strategic objectives.
- Direct human resource development activities while keeping in mind the national training strategy.
- Analyse the external and internal environmental forces which have an impact on training and development.
- Formulate a Human Resource Development mission, main values and strategic objectives (human resource development plan) which correlate with the organisation's strategy.
- Examine and obtain knowledge of the needs of clients of the human resource development department (capabilities of the training and development consultant, competency-based training and

development, performance management, models of identifying, training and development needs).
- The application of knowledge and skills about psychological strengths to evaluate individuals and the drafting of self-development programmes for employees at different levels of an organisation.
- Design and implement training strategies to close the gap between training needs and actual work ability.
- Understand and implement different evaluation strategies.
- Understand and sketch the different rolls of the training and development consultant.

Method of delivery:	Full-time / Part-time

Assessment Methods: The formative and summative assessment methods and weights will be indicated in the study guide and on Efundi.

Module Code: HRMA 623	Semester 2	NQF-Level: 8

Title: HUMAN RESOURCE MANAGEMENT STRATEGIES

Module Outcomes:

After completion of this module the student should be able to
- Know and understand the extent, realities and complexities of personnel psychology and strategic human resource management, the relationship between this study area and the other specialist fields within industrial psychology, as well as the application of this knowledge and understanding in terms of solving complex human resource management issues in order to contribute to the bottom-line of any organisation.
- Know and understand the nature of the utility theory and the systems theory for personnel psychology/strategic human resource management and planning, selection of management personnel (with assessment centres as selection and developmental instrument), strategic supply of personnel, strategic performance evaluation, strategic performance management and reward, evaluating personnel/human resource management activities/functions and the management of the personnel/human resource function.
- Understand the components of a strategic approach towards human resource planning.
- Know and understand the variables and changing tendencies at a global level that impact on human resource management in South Africa.
- Explain the tendencies and variables within the broad South African social, political and economic environment that have implications for the management of people working in South African organisations.
- Explain the current status of the South African economy (compared to international standards) and how it relates to human resource management.
- Demonstrate an understanding of the impact and effect of the international economy on South African organisations.
- Understand the dynamics of the South African labour market.
- Apply knowledge regarding environmental tendencies to understand, predict and manage human resource problems and opportunities.

Method of delivery:	Full-time

Assessment Methods: The formative and summative assessment methods and weights will be indicated in the study guide and on Efundi.

Module Code: HRMA873	Year module	NQF-Level: 9

Title: DISSERTATION

Module Outcomes:

After completion of this module the student should be able to
- Evaluate and integrate human resource literature to identify research opportunities and solutions to problems;
- Apply knowledge and skills to undertake scientific empirical research of limited scope, draw valid conclusions and suggest relevant recommendations.

Method of delivery:	Full-and part time

Assessment Methods: The formative and summative assessment methods and weights will be indicated in the study guide and on Efundi.

Module Code: HRMA 874	Year module	NQF-Level: 9

Title: SCIENTIFIC REASONING

Module Outcomes:

After completion of this module the student should be able to

- To familiarise the learner with the dimensions and methods of psychological research.
- To orient the learner to make an informed choice from the large number of alternative methods and experimental designs available.
- To enable the learner to present a good research proposal (e.g. his/her possible thesis/dissertation).
- To empower the learner with the knowledge and skills they need to undertake a research project, to present a conference paper and to write a scientific article.

Method of delivery: Full and part time

Assessment Methods: The summative assessment methods and weights will be indicated in the study guide and on Efundi

Module Code: HRMA 875	Year module	NQF-Level: 9

Title: PEOPLE DEVELOPMENT

Module Outcome

After having completed this course, the student must be able to critically discuss the role played by the Human Resources department in order to reach the goals of the organisation. It is important to display the necessary insight to form an own opinion regarding the strategic role of the Human Resource function.

At the end of the course you need to be able to:

- Know and understand the extent, realities and complexities of strategic human resource management, as well as the application of this knowledge and understanding in solving complex human resource management issues in order to contribute to the bottom-line of any organisation;
- Understand the components of a strategic approach towards people management;
- Know and understand the characteristics of a successful Strategic Human Resource Management (SHRM) professional;
- Know and understand which competencies have the most impact on the performance of the SHRM professional;
- Know and understand how SHRM competencies affect business performance;
- Evaluate your competence as a SHRM professional;
- Formulate a performance management strategy;
- Formulate a remuneration strategy;
- Formulate an HR ethics and risk management strategy;
- Formulate a talent management strategy;
- Formulate a leadership development strategy; and

Apply your knowledge in practice .

Method of delivery: Full-and part time

Assessment Methods: The formative and summative assessment methods and weights will be indicated in the study guide and on Efundi.

Module Code: IOPS 611	Semester 1	NQF-Level: 8

Title: PSYCHOMETRICS

Module Outcomes:

After completion of this module the student should be able to

- Know and understand the issues (e.g. ethics and fairness) involved in psychometric testing of human resources.
- Use the underlying principles of development, evaluation and application of psychometric measuring instruments which are used in the workplace for diagnoses, prognosis and prediction of work-related behaviour.
- Know and understand psychometrics, testing and assessment which form and support the process of testing.
- Use testing in a professional and ethical way by following good testing practices.
- The application of contextual knowledge and skills (relative to diverse client populations which can be evaluated).

Method of delivery: Full-time

Assessment Methods: The formative and summative assessment methods and weights will be indicated in the study guide and on Efundi

Module Code: IOPS 612	Semester 1	NQF-Level: 8

Title: PSYCHOLOGICAL EVALUATION AND FORENSIC PSYCHOLOGY

Module Outcomes:

Psychological Assessment

- Know which tests registered psychometrists may use in the work and educational context at national and international level.
- Know and understand the principles of psychometric evaluation.
- Know and understand the variety of psychological tests that registered psychometrists may use at national and international level to measure an individual's abilities, personality, interests and motivation.
- The application of knowledge and skills in order to provide feedback regarding individuals' functioning, by indicating treatment and/or referral options.
- The application of knowledge and skills in order to provide feedback to individuals and to stimulate growth.
- Know and understand the ethics involved in the psychological evaluation of individuals.
- The application of knowledge and skills to use technically reliable tests, to do the necessary preparations for a test session, to administer tests under standardised circumstances, to mark, analyse and interpret the test and to provide feedback.
- The application of contingent management skills to handle test-related problems.

Forensic Psychology

- To display knowledge of the practice of the forensic industrial psychologist as a field of expertise
- To display knowledge and insight of the biology of brain functioning in order to assess and predict mental competency.
- Know and understand legal processes and the justice system in South Africa with emphasis on civil procedural law and the judicator of courts and court rules.
- To compile forensic reports after analysing expert information in given case studies.

Method of delivery:	Full-time

Assessment Methods: The formative and summative assessment methods and weights will be indicated in the study guide and on Efundi.

Module Code: IOPS 613	Semester 1	NQF-Level: 8

Title: ORGANISATIONAL BEHAVIOUR

Module Outcomes:

After completion of this module the student should

- Have a complete and systematic knowledge of the world of Organisational Behaviour and of diversity management, and of the role of individuals, groups and group processes in Organisational Behaviour (learning objectives for each chapter).
- Demonstrate skills based upon an informed comprehension of theories and concepts, to identify challenges and issues dealing with the world of Organisational Behaviour, diversity management, the role of individuals and groups and group processes in Organisational Behaviour (exercises).
- Have the ability to undertake a literature and environmental review, prepare a basic report on challenges and issues dealing with the world of Organisational Behaviour, diversity management, the role of individuals and groups and group process in Organisational Behaviour, individually or as a member of a team, and to communicate the report in writing as well as orally (assignments).

Method of delivery:	Full-time

Assessment Methods: The formative and summative assessment methods and weights will be indicated in the study guide and on Efundi.

Module Code: IOPS 614	Semester 1	NQF-Level: 8

Title: RESEARCH METHODOLOGY

Module Outcomes:

After completion of this module the student should

- Know and understand the dimensions of social sciences research and the application of an integrated model of scientific research in industrial psychology research.
- Know and understand paradigm perspectives and identify central issues in the different paradigms.
- Know and understand the focus areas of research at the North-West university .
- Know and apply the instruments of research.
- Know the components of research problems and be able to formulate a problem statement and apply the knowledge and skills in order to develop a reference list according to APA guidelines.
- Formulate guidelines to ensure ethical psychological research.
- Know the components of a research proposal and be able to write a research proposal.
- Know and understand the different forms of research and demonstrate how valid conclusions can be promoted.
- Evaluate the different sampling methods and factors influencing the sample size.
- Evaluate the different research designs, show how bias in the design can be controlled for, demonstrate knowledge regarding the choice of/or development of measuring instruments and describe how results can be presented and
- Evaluate and integrate industrial psychology literature in order to identify research opportunities to come up with solutions for problems

Method of delivery: Full-time

Assessment Methods: The formative and summative assessment methods and weights will be indicated in the study guide and on Efundi

Module Code: IOPS 615	Semester 1	NQF-Level: 8

Title: CAREER PSYCHOLOGY

Module Outcomes:

After completion of this module the student should

- Know and understand the concept **career** and the historical roots, nature and bases of career psychology and to apply this knowledge and understanding to analyse the relationship between career psychology and other specialist fields of industrial psychology.
- Know and understand the meaning and functions of work and the relationship between work and relaxation of the present day employee and the application of this knowledge and understanding to obtain insight regarding the contemporary work ethic.
- Know and understand the different theories of career choice and adjustment and apply this knowledge and understanding to obtain insight into the dynamics of the improvement of the own and others' work/career choices and adjustment.
- Know and understand the dynamics of adolescent and adult career behaviour, career development and career self-management (including those of persons from minority groups and special groups, such as working women and employees with disabilities) and the role of the organisation in this regard and the application of this knowledge and insight to improve the own and others' entry into the world of work, socialisation, innovation, stabilisation, mid-career experiences, late career experiences and adjusting to retirement.
- Know and understand the dynamics underlying current career issues and the application of this knowledge and understanding in the handling of the own and others' career issues and problems.

Method of delivery: Full-time

Assessment Methods: The formative and summative assessment methods and weights will be indicated in the study guide and on Efundi.

Module Code: IOPS 616	Semester 1	NQF-Level: 8

Title: WORK WELLNESS

Module Outcomes:

After completion of this module the student should be able to

- Explain the shift in employee health and wellness provision.
- Explain and understand the holistic model of work-related well-being.
- Explain the philosophy of and shift towards managed wellness care.
- Apply knowledge to manage wellness in the organisation.
- Present employee health and wellness as a business case to management.

Method of delivery: Full-time

Assessment Methods: The formative and summative assessment methods and weights will be indicated in the study guide and on Efundi

Module Code: IOPS 617	Semester 1	NQF-Level: 8

Title: ORGANISATIONAL DEVELOPMENT

Module Outcomes:

After completion of this module the student should

- Understand and evaluate the concept, components and characteristics of organisational development.
- The application of knowledge and skills to explain organisational functioning and changes.
- Know and understand the nature of current and future changes that could impact on organisations, as well as the strategies that organisations can use to address these changes.
- Evaluate the role of paradigms in change management.
- Know and understand process consultation as an organisational developmental intervention and apply process consultation skills in diagnosing and intervening in organisations.
- The application of knowledge and skills regarding organisational diagnoses in order to address problems and identify opportunities within the organisation.
- The application of knowledge and skills to evaluate organisational development strategies (at individual, group and organisational level) and to intervene within organisations.

Method of delivery: Full-time

Assessment Methods: The formative and summative assessment methods and weights will be indicated in the study guide and on Efundi.

Module Code: IOPS 618	Semester 1	NQF-Level: 8

Title: AUTHENTIC HELPING

Module Outcomes:

After completion of this module the student should

- Have overall knowledge of the principles, theory and functioning of an appropriate facilitation model, to apply the knowledge by means of analysing and evaluating psychological problems such as emotional issues, and be able to paraphrase and clarify problems by applying facilitation skills in the employment of effective problem-solving goals as well as identifying relevant facilitation strategies to integrate into a strategic plan as part of a wellness promotional plan of an organisation and to generate solutions for problems based on proof-related arguments.
- Find, interpret, integrate and utilise relevant literature in order use relevant research methods and techniques to research a wide range of complex problems and issues, and to communicate the result in writing as well as orally by means of information technology.
- To apply the principles associated with this module in an ethical cognitive framework

Method of delivery: Full-time

Assessment Methods: The formative and summative assessment methods and weights will be indicated in the study guide and on Efundi.

Module Code: IOPS 622	Semester 2	NQF-Level: 8

Title: RESEARCH REPORT

Module Outcomes:

The application of knowledge and skills to do a scientific, empirical research project of limited range, where valid conclusions and relevant recommendations can be made.

Method of delivery: Fulltime

Assessment Methods: The formative and summative assessment methods and weights will be indicated in the study guide and on Efundi.

Module Code: IOPS 624	Semester 2	NQF-Level: 8

Title: ADVANCED PRACTICAL WORK

Module Outcomes:

After completion of this module the student should

- Know and can apply different ways of counselling people in the workplace.
- Be able to refer people to other professionals when needed.
- The application of knowledge and skills to counsel people who are retiring.
- The application of knowledge and skills to investigate and facilitate the adjustment of employees in the workplace.
- The application of skills to counsel people in need (e.g. during organisation transformation, retrenchments and other crises).
- Identify different symptoms of the different forms of psychopathology in the work context and be able to diagnose them according to an international model(e.g. DSM IV).
- Understand the psychodynamics underlying psychopathology.
- The application of knowledge and skills to ensure the application of ethics and fairness in the use of psychometric assessment instruments.

- The application of psychometric knowledge and skills to make a diagnosis, prognosis and prediction of work-related behaviour.
- Use tests and questionnaires in a professional and ethical way by following good testing practices.
- The application of conceptual knowledge and skills to ensure that the diverse client population is assessed scientifically and fairly.
- The application of knowledge and skills to provide feedback to individuals and to stimulate growth.
- Make use of technically reliable tests and questionnaires, make the necessary preparations for the test session, apply the tests and questionnaires under standardised circumstances, mark the tests, analyse the results and interpret the results according to the prescribed procedures and provide feedback.
- The application of contingent management skills to handle test-related problems.
- Use various instruments to examine the motivation levels of employees and suggest corrective actions; use the action research model effectively.

Method of delivery: Fulltime

Assessment Methods: The formative and summative assessment methods and weights will be indicated in the study guide and on Efundi.

Module Code: IOPS 873	Year module	NQF-Level: 8

Title: MINI-DISSERTATION

Module Outcomes:
After completion of this module the student should be able to
- Evaluate and integrate industrial psychology literature to identify research opportunities and solutions to problems; Apply knowledge and skills to undertake scientific empirical research of limited scope, draw valid conclusions and suggest relevant recommendations.

Method of delivery: Full-and part time

Assessment Methods: The formative and summative assessment methods and weights will be indicated in the study guide and on Efundi.

Module Code: IOPS 874	Year Module	NQF-Level:9

Title: SCIENTIFIC REASONING

Module Outcomes:
- To familiarise the learner with the dimensions and methods of psychological research.
- To orient the learner to make an informed choice from the large number of alternative methods and experimental designs available.
- To enable the learner to present a good research proposal (e.g. his/her possible thesis/dissertation).
- To empower the learner with the knowledge and skills they need to undertake a research project, to pr conference paper and to write a scientific article.
- Method of delivery: Full-and part time

Assessment Methods: The formative and summative assessment methods and weights will be indicated in the study guide and on Efundi.

Module Code: IOPS 875	Year Module	NQF-Level:9

Title: PEOPLE DEVELOPMENT

Module Outcomes:
During this module we will endeavour to make a thorough analysis of the role and function of training and de within the South African context. After having completed this module, the student must be able to
- critically discuss the role played by the training and development department in order to reach the goal organisation. It is important that students display the necessary insight to form their own opinion regard and development.

Method of delivery: Full-and part time

Assessment Methods: The formative and summative assessment methods and weights will be indicated in the study guide and on Efundi.

Module Code: IOPS 876	Year module	NQF-Level: 9

Title: PROFESSIONAL INDUSTRIAL PSYCHOLOGY

Module Outcomes:
After completion of this module learners must have insight into new developments in the field of Industrial Psychology and Human Resource Management.
Some topics, which have been known for some years, are included if it is still a major force impacting on organisations and the management of organisations.

Method of delivery:

Module Code: IOPS 877	Year module	NQF-Level: 9

Title: WELLBEING

Module Outcomes:
The purpose of this module is to assist students in the formulation of their own mental paradigms that will guide them in their role as business partners.
The essence is to provide the student with a safe environment to push his/her own mind and to develop a trust in own thinking.

Method of delivery: Full-and part time

Assessment Methods: The formative and summative assessment methods .and weights will be indicated in the study guide and on Efundi

Module Code: IOPS 878	Year module	NQF-Level: 9

Title: APPLIED COUNSELLING

Module Outcomes:
- To sensitise the student to constructive interpersonal functioning.
- Empower the learner with knowledge and skills needed to manage a helping process.
- To familiarise the learner with the dimensions of sensitive relations
- To orient the learner concerning the different models and processes of counselling.
- To enable the learner to be able to apply the basic skills of counselling and trauma management

Method of delivery: Full-and part time

Assessment Methods: The formative and summative assessment methods and weights will be indicated in the study guide and on Efundi.

Module Code: IOPS 971	Year module	NQF-Level: 9

Title: THESIS

Module Outcomes:
- Identifying the effects of work and the organisation on the state of well-being in individuals;
- Identifying the outcomes of work-related well-being for the individual, group and organisation;
- Identifying the effects of non-work on the state of well-being in individuals as well as the effect on the organisation;
- Applying various paradigms (including positive psychology) to our research and practice;
- Applying multicultural perspectives and methods in our research and practice; and
- Developing and evaluating the effectiveness and efficiency of interventions and applying the results to promote work-related well-being in South African organisations.

Method of delivery: Full-and part time

Module Code: ITRI 611	Semester 1	NQF-Level: 8

Title: DATA WAREHOUSES I

Module Outcomes:
Upon successful completion of the module the students will be able to:
- Discuss concepts of data warehousing, the data warehouse lifecycle, alternative data warehousing methodologies, dimensional modeling,   requirements collection and extract, load and transform (ETL) functions;
- Setup suitable software products; collect requirements and develop a dimensional model;
- Perform ETL;
- Create a data warehouse browser;
Develop suitable documentation

Method of delivering: Full time / Part time

Assessment methods:Formative and summative assessment (Tests, exams, practical evaluation).

Module Code: ITRI 613	Semester 1	NQF-Level: 8

Title: DATABASES I

Module Outcomes
Upon successful completion of the module the students will be able to:
More theoretically:
- Discuss the purpose and architecture of a typical Database Management System (DBMS);
- Write an SQL statement in Relational Algebra (RA), convert a RA to SQL and to discuss a Relational Algebra expression as basis for a query;
- Describe the way SQL and other approaches are supposed to execute;
- Explain the way very large files are managed and do calculations to determine the cost implications;
- Describe the organization and functioning of different index approaches and do calculations to determine the cost implications.

•	More practically (based on the Oracle DBMS):
•	Describe the Oracle Database Architecture and prepare the Database Environment according to Oracle's Administration Workshop I;
•	Apply the typical functions of a DBA to the Oracle Database Management System. The functions to apply include: Creating an Oracle Database; Managing the Oracle Instance; Managing the Oracle DB Storage; Administering User Security; Managing Oracle Schema Objects; Managing Data and Concurrency, Undo Data; Implementing Oracle DB Security and handles Database Maintenance.

Method of delivering: : Full time / Part time

Assessment methods:Formative and summative assessment (Tests, exams, practical evaluation).

Module Code: ITRI 614	Semester 1	NQF-Level: 8

Title: INFORMATION SYSTEMS ENGINEERING I

Module Outcomes:

Upon successful completion of the module the students will be able to:

- Understand and apply project management in the IT context;
- understand and manage project management process groups;
- understand and apply project integration management;
- understand and apply scope management;
- understand and apply time management;
- understand and apply cost management;
- understand and apply quality management;
- understand and apply human resources management;
- understand and apply communication management;
- understand and apply risk management;
- understand and apply procurement management; and
- understand and apply project stakeholder management.
- integrate project management skills to manage an IT project

Method of delivering: : Full time / Part time

Assessment methods:Formative and summative assessment (Tests, exams, practical evaluation).

Module Code: ITRI 615	Semester 1	NQF-Level:8

Title: COMPUTER SECURITY I

Module Outcomes

Upon successful completion of the module the learners will be able to:

- Discuss concepts of computer and information security and weaknesses in computerised environments and understand how the threats can be controlled.
- Know basic encryption and decryption schemes as well as the most important encryption systems generally used.
- Understand operating system controls, and reliable operating systems.
- Identify security problems in computer systems, programs and information in businesses and recommend measures to address these.
- Understand that security systems and controls should be completed meticulously and in the agreed manner and that confidential information should be handled as such.
- Understand that computer resources should be used ethically and responsibly

Method of delivering: : Full time / Part time

Assessment methods:Formative and summative assessment (Tests, exams, practical evaluation).

Module Code: ITRI 616	Semester 1	NQF-Level:8

Title: ARTIFICIAL INTELLIGENCE I

Module-outcomes:

After completion of this module, the students should be able to:

- describe the principles of knowledge-based agents;
- define propositional logic (both syntax and semantics);
- draw inferences in propositional logic;
- define predicate logic (both syntax and semantics);
- translate problem descriptions in predicate logic;
- draw inferences in predicate logic;
- construe resolution proofs;
- build a simple proof feeder for predicate logic;
- work together in groups;
- communicate effectively, orally as well as in writing, by using appropriate technology; and

Act in an ethical way in regard to all aspects concerning artificial intelligence

Method of delivering: : Full time / Part time

Assessment methods:Formative and summative assessment (Tests, exams, practical evaluation).

Module Code: ITRI 618	Semester 1	NQF-Level:8

Title: DECISION SUPPORT SYSTEMS I

Module Outcomes:

Upon successful completion of the module the students will be able to:

- Formulate models by means of spreadsheets;
- Perform sensitivity analysis;
- Formulate and solve Linear Programming models (including transportation and network models);
- Formulate and solve Integer Programming models;
- Formulate and solve Non-linear Programming models.

Method of delivering: : Full time / Part time

Assessment methods:Formative and summative assessment (Tests, exams, practical evaluation)

Module Code: ITRI 621	Semester 2	NQF-Level: 8

Title: DATA WAREHOUSES II

Module-outcomes:

Upon successful completion of the module the students will be able to:

- Demonstrate insight and a basic knowledge of the following concepts of data warehousing: technical data warehousing architecture more advance dimensional modeling, Business Intelligence (BI) applications and maintenance of BI systems.
- Create an OLAP cube;
- Use MDX;

Create end-user applications.

Method of delivering: Full time / Part time

Assessment methods:

Formative and summative assessment (Tests, exams, practical evaluation).

Module Code: ITRI 623	Semester 2	NQF-Level: 8

Title: DATABASES II

Module Outcomes

Upon successful completion of the module the students will be able to:

More theoretically:

- Discuss and do computations to illustrate the (time) cost implications regarding the sorting of large volumes of data;
- Describe the typical working of the different query operators and how it can be implemented by means of different approaches or algorithms;
- Do computations to compare different algorithms used to implement query operators;
- Analyze a given (SQL) query and to discuss the way a typical query optimizer would implement the query;
- More practically (based on Oracle SQL Tuning):
- Describe the Oracle Database Architecture;
- Describe what attributes of a SQL statement can make it perform poorly and list the tools (in Oracle) to tune SQL.
- Use "Oracle SQL Developer" for Database development tasks;
- Discuss the Oracle Optimizer and do exercises to test different approaches;
- Discuss/describe the different aspects of Optimization/Tuning based on the "*Oracle Database 11g:*

| *SQL Tuning Workshop*". These include things like: Execution Plans, tracing an Application; different Optimizer Operators (tables, indexes, Join's etc.); Optimizer Statistics; the use of Bind variables; the SQL Tuning Advisor and the SQL Access Advisor. |

Method of delivering: Full time / Part time

Assessment methods: Formative and summative assessment (Tests, exams, practical evaluation).

Module Code: ITRI 624	Semester 2	NQF-Level: 8

Title: INFORMATION SYSTEMS ENGINEERING II

Module-outcomes:

Upon successful completion of the module the students will be able to:

- Define and explain what Information System Engineering is.
- Define and explain system development methodologies.
- Understand and apply STRADIS (Structured Analysis, Design, and Implementation of Information Systems).
- Understand and apply IE (Information Engineering).
- Understand and apply RUP (Rational Unified Process).
- Understand and apply XP (Extreme Programming).
- Understand and apply SSM (Soft Systems Methodology).
- Understand and apply ETHICS (Effective Technical and Human Implementation of Computer-based Systems.
- Understand and apply MULTIVIEW 1 and 2.
- Give a critical review and comparison of the system development methodologies.
- Explain the acceptance and selection of system development methodologies in practice.

Method of delivering: Full time / Part time

Assessment methods: Formative and summative assessment (Tests, exams, practical evaluation

Module Code: ITRI 625	Semester 2	NQF-Level: 8

Title: COMPUTER SECURITY II

Module Outcomes

Upon successful completion of the module the students will be able to:

- Discuss database concepts regarding information security and understand how threats can be controlled.
- Discuss network security threats and possible countermeasures.
- Discuss administrative security within an IT environment and its economic aspects.
- Identify and discuss privacy and legal issues within computer security.
- Understand that security systems should be completed meticulously and in the agreed manner and that confidential information should be handled as such.
- Understand that computer resources should be used ethically and responsibly. The students should know social and ethical issues within computer and information security.

Method of delivering: Full time / Part time

Assessment methods: Formative and summative assessment (Tests, exams, practical evaluation).

Module Code: ITRI 626	Semester 2	NQF-Level: 8

Title: ARTIFICIAL INTELLIGENCE II

Module Outcomes:

After successful completion of this module, the students should be able to:

- define artificial intelligence and evaluate a definition critically;
- describe the historical bases and history of the subject;
- discuss logical agents and the environments in which they operate;
- define and apply the concept 'rationality' on intelligent agents;
- solve problems by using various informed and uninformed search methods;
- describe the history and applications of neural networks;
- explain the biological inspiration for neural networks;
- discuss various neural network models and architectures and use them to solve practical problems;
- integrate information from various modules and use them to solve practical problems (the outcome will be reached by means of one or more integrated evaluations);
- work together in groups;
- communicate effectively, orally as well as in writing, by using appropriate technology; and

Perform ethically in all aspects regarding artificial intelligence.

Method of delivering: Full time / Part time

Assessment methods: Formative and summative assessment (Tests, exams, practical evaluation).

63

Module Code: ITRI 628	Semester 2	NQF-Level:8

Title: DECISION SUPPORT SYSTEMS II

Module Outcomes:
Upon successful completion of the module the students will be able to demonstrate insight and knowledge of the following:
- Heuristics
- Goal Programming and the Analytical Hierarchy Process
- Simulations
- Project Management
- Forecasting models

Method of delivering: Full time / Part time

Assessment methods: Formative and summative assessment (Tests, exams, practical evaluation).

Module Code: ITRI 671	Year module	NQF-Level:8

Title: PROJECT

Module Outcomes:
This course provides the student with the opportunity to acquire practice-aimed knowledge with regard to:
- client management;
- project planning;
- project management;
- data acquisition;
- problem solving; and
- Implementation of a client's specific practical problem.
- Methods of reporting in the practice are learned, for example the way in which a written report, as well as an oral report or a paper, should be presented regarding the finished project.
- use decision support packages; develop user-friendly interfaces for easy interaction and navigation of decision support systems.

Module Code: ITWV671	Year module	NQF-Level: 8

Title: RESEARCH METHODOLOGY AND PROJECT

Module Outcomes:
The student should be able to demonstrate how a research project is approached;
- identifying a topic and the writing of the research proposal;
- research is designed and data collected; experimental design and the role of variables; instruments to collect data; the validity and reliability of instruments;
- modelling and simulation; the role played by statistics and statistical processing in research; how to arrange, summarise and present data; regression and how to apply curves to data; normal distortions and statistical estimates;
- various statistical tests to determine if data forms certain patterns; how to write a research project scientifically; style, language and editing, references, etc; and design, develop, implement and demonstrate a complete computer-based project of considerable scope.

Method of delivery:

Module Code: ITWV672	Year module	NQF-Level: 8

Title: DECISION SUPPORT SYSTEMS

Module Outcomes:
 The student should be able to demonstrate that decision support systems are computer-based systems that support choices by enabling the decision maker to arrange information and model outcomes; integrate information from various sources;
- help to arrange and analyse information; facilitate the development and evaluation of models for the decision process;
- use a good user-interface for easy interaction and navigation by the user;
- be able to develop decision support systems from a systems-thinking framework;

Method of delivery:

Assessment Methods:

64

Module Code: ITWV673	Year module	NQF-Level: 8

Title: DATA-MINING

Module Outcomes:

The student should be able to demonstrate that persons who practice data-mining, place just as much emphasis on comprehension as on model resultants, on processes as on technology; as well as be able to place data-mining in context:

- business context, technical context, social context; identify various approaches and methodologies of data-mining;
- identify and apply the three pillars (techniques and algorithms, data and building of effective prediction models) on which data-mining rests; set up a data-mining environment;
- apply various theories as well as master available technology.

Method of delivery:

Assessment Methods:

Module Code: ITWV674	Year module	NQF-Level: 8

Title: HUMAN-COMPUTER INTERACTION

Module Outcomes:

The student should be able to understand and demonstrate that human/computer interaction is a multi-disciplinary subject where human behaviour as well as principles of computer system design and computer interface design are studied;

- furthermore, be able to design and develop new interfaces, join various components in the creation of an interface and analyse user interaction with the interface;
- evaluate, compare and improve existing interfaces;
- differentiate between various types of applications and the restraints and/or needs these entail for the design of the interface.

Method of delivery:

Assessment Methods:

Module Code: LARM611	Semester 1	NQF-Level:8

Title AN INTRODUCTION TO SOCIOLOGICAL THEORIES AND CHANGE

Module Outcomes:

- Evaluate various sociological thought schools and theories and to apply such to sociological problems
- .Apply sociological theories to current and identified labour relations problems and to suggest possible solutions to such problems.
- Know and understand social change in society and the effect of this on organisations.
- Apply knowledge and skills regarding social change in order to identify, explain and solve problematic labour situations

Method of delivery: Full-time and part-time

Assessment Methods: See study guide

Module Code: LARM614	Semester 1	NQF-Level: 8

Title: RESEARCH METHODOLOGY

Module Outcomes:

- Know and understand various methods and strategies regarding data collection that will enable the student to make applicable and relevant conclusions in a research project.
- Know and understand the requirements for statistical measuring and analysis.
- Apply knowledge and skills in the drafting of a research proposal as part of a research project.

Method of delivery: Full-time and part-time

Assessment Methods: See Study guide

Module Code: LARM615	Semester 1	NQF-Level: 8

Title: ADVANCED LABOUR RELATIONS

Module Outcomes:

- Know and understand the various components related to labour relations and to nurture relevant skills in the effective management of labour relations.
- Know and understand how to practice as a labour relations specialist.

Method of delivery: Full-time and part-time

Assessment Methods:See study guide

Module Code: LARM616	Semester 1	NQF-Level: 8

Title: LABOUR MARKET PRINCIPLES

Module Outcomes:

Have a comprehensive understanding of the various principles, theories and functions of the labour market.

- To apply such by means of analysing and evaluating labour market concerns like labour demand and supply, wages, productivity, globalisation and human capital investment, labour market dispensations and discrimination, labour market organizations.
- To argue solutions to problems based on current factual proof of evidence. Geared with a range of research methods and techniques are able to search, interpret and integrate relevant literature concerning complex and concurrent problems, and to present such in a written and oral formatted presentation.
- To apply the contents of this module within an ethical thought paradigm.

Method of delivery:Full-time and part-time

Assessment Methods:See study guide

Module Code: LARM621	Semester 2	NQF-Level: 8

Title: GROUP DYNAMICS

Module Outcomes:

After completion of this module the student should be able to

- Know and understand the study area of Group Dynamics, the importance, structure and function of small groups as subsystems in interaction.
- Know the most prominent exponents and their relevant perspectives as reiterated in the field of Group Dynamics. Geared with the necessary capabilities, to explore and apply explanatory possibilities to empirical problems within an organization.
- To demonstrate knowledge and understanding of concepts like group communication, group cohesion, task groups, the importance and implications of small groups to the individual and the development of group dynamics.
- To apply gained knowledge of group dynamics by exploring explanatory possibilities regarding the individual and groups.

Method of delivery:Full-time and part-time

Assessment Methods:See study guide

Module Code: LARM622	Semester 2	NQF-Level: 8

Title: RESEARCH REPORT

Module Outcomes:

Evaluate and integrate industrial sociological literature with research opportunities to identify problem-solving methods

The application of knowledge and skills to undertake scientific research to determine reliable and relevant consequences to make the required recommendations.

Method of delivery: Full-time and part-time

Module Code: LARM623	Semester 2	NQF-Level: 8

Title: APPLIED LABOUR RELATIONS

Module Outcomes:

- To understand the external regulations that has an impact on labour relations.
- Integrate and manage labour relation procedures at different levels in the workplace. The application of external regulation requirements to improve the labour relations climate in the organization.
- The management of related workplace issues to the advantage of both management and labour.

Method of delivery:Full-time and part-time

Assessment Methods:See study guide

Module Code: LARM624	Semester 2	NQF-Level: 8

Title: COLLECTIVE BARGAINING AND NEGOTIATION

Module Outcomes:

Explain and comprehend the role of collective bargaining in the South African labour relations system:

- Understand the concept of the employer's duty to bargain with a trade union;
- Synthesise and evaluate the impact of conflict and power between the various key role-players to bargaining and negotiation within a labour relations context;
- Understand how duties concerned with collective bargaining and organisational rights are dealt with;
- Evaluate, apply and analyse the process of establishing a collective bargaining and/or negotiation relationship;
- Analyse, apply and generate/design various styles, structures and approaches related to collective

66

| bargaining and negotiation skills; |
| • Be aware of the legal status of collective agreements; and |
| • Describe and demonstrate the synthesised relationship between collective bargaining, negotiation and related South African legal precepts. |

Method of delivery: Full-time and part-time

Assessment Methods: See study guide

Module Code: RECP671	Year module	NQF-Level: 8

Title: ADVANCED FINANCIAL ACCOUNTING

Module Outcomes:

On completion of the module the student should:

- demonstrate the ability to compile advanced financial statements according to International Financial Reporting Standards and the Companies Act of South Africa, including consolidated financial statements, based on extensive and systematic knowledge of the subject.
- technically analyse, evaluate and selectively handle standards, individually as well as in an integrated manner, according to the demand of the problem (e.g. journal entry, ledger or financial statements) and theoretically motivate and discuss them.
- communicate academic, professional and vocational information effectively orally or in writing, with evidence of creative interpretation and solutions for problems applicable to the context.

Method of delivery:

Module Code: RECP672	Year module	NQF-Level: 8

Title: ADVANCED AUDITING

Module Outcomes:

On completion of the module the student should be able to display knowledge and apply this knowledge on cases with regard to:

- principles of Corporate Governance
- legislated and Regulatory Corporate Governance
- the Code of Corporate Practices and Conduct of the King II Report
- business ethics and SAICA Code of Professional Conduct
- risk management and internal control
- the legal and regulatory environment governing auditors and their responsibilities, functions and qualities
- the audit process
- competencies in applying IT in business/accounting
- competencies in managing IT
- competencies in evaluating IT

Method of delivery:

Module Code: RECP673	Year module	NQF-Level: 8

Title: ADVANCED INCOME TAX

Module Outcomes:

On completion of the module the student should be able to:

- interpret the Income Tax Act case law as well as practice notes issued by the South African Revenue Service
- demonstrate his/her ability to calculate the normal income tax payable by individuals on taxable income, including remuneration, fringe benefits, lump sum receipts and the operation of an enterprise or business
- deal with advanced tax questions on tax advice and planning covering the entire spectrum of taxpayers and sections and taxes
- demonstrate his/her ability to calculate employee tax to be deducted from remuneration as well as provisional tax payable on income other than remuneration.
- substantiate with reference to legislation and case law why items are taxable/deductible
- comply with all legislation and requirements of the attached SAICA syllabus
- make your decisions and applications in this course in an ethically accountable manner.

Method of delivery:

Assessment Methods:

Module Code: RECP674	Year module	NQF-Level: 8

Title: MANAGEMENT ACCOUNTING AND FINANCIAL MANAGEMENT

Module Outcomes:

MANAGEMENT ACCOUNTING

Upon completion of this module, the student should be able to:

General

- do planning, control and decision making to act as a responsible steward;
- apply profit planning and budgetary control in the planning process resulting in the optimum usage of available resources, but also supply in the needs of consumers;
- exercise control to ensure that that goals that have been set with planning, are achieved;
- take informed decisions by the conscious exercise of a choice between two or more alternatives;
- take into account and supply the necessary information in taking a decision; and
- obtain the necessary information by using methods, systems and techniques so that the goals of decision making, planning and control are met.

Specific

- Develop budgets using both traditional and contemporary techniques
- explain and apply the principles of standard costing, calculate variances in a variety of contexts and critically evaluate the worth of standard costing in the light of contemporary criticisms
- separate costs into their fixed and variable components and use these in break-even analysis and in decision-making under multiple constraints
- establish relevant cash flows for decision making and apply these principles in a variety of contexts including process/product viability and pricing including evaluation of the tension between short-term, "contribution based" pricing and long-term, "return on investment" pricing. and learning curves
- undertake sensitivity analysis and assess the impact of risk in decision models using probability analysis, expected value tables and decision trees as appropriate
- apply learning curves in forecasting future costs and the techniques of activity-based management target costing and value analysis is managing future costs
- prepare appropriate financial statements for cost, profit and investment centre managers, calculate appropriate financial performance indicators, assess the impact of alternative transfer pricing policies and discuss the behavioural consequences of management control systems based on responsibility accounting decentralization and delegation

FINANCIAL MANAGEMENT

Upon completion of this module, the student should be able to:

General

- obtain knowledge in order to understand complex investments, financing and dividend decisions, within the context of the company as well as the contexts of the environment
- to obtain the ability to make suggestions with regards to the responsible management of a company and its assets by effective use of financial aids within the boundaries of the strategic aim of the company

Specific

- Identify and interpret guidelines for performance, risk and uncertainty
- give advice on complex investing, financing and dividend decisions

•	apply the principles of financing to the valuation of a company and the valuation of financial assets by using the valuation techniques
•	advise management with regards to current asset management, foreign exchange and investments
•	give advice with regards to changes in ownership transactions
•	evaluate and choose financial instruments for effective minimizing of risk

Method of delivery:

Assessment Methods:

Module Code: REIP 671	Year module	NQF-Level: 8

Title: ADVANCED TAXATION AND TRUSTS

Module Outcomes:

After completion of this module, the student should be able to:

- interpret the Income Tax Act, Legal Opinions and Practice Notes issued by the South African Revenue Services
- demonstrate his/her ability to calculate normal taxation payable by individuals based on taxable income from remuneration, fringe benefits, lump sums and the carrying on of a trade or business
- demonstrate his/her ability to calculate normal taxation payable by companies and trusts
- solve advanced case studies relating to estate duty, donations tax, capital gains tax and value added tax
- Capita Selecta

Method of delivery:

Assessment Methods:

Module Code: REKP671	Year module	NQF-Level: 8

Title: ADVANCED IFRS AND GROUP STATEMENTS

Module Outcomes:

After completion of this module, the student should be able to:

- demonstrate his/her ability to identify and interpret transactions and related information in accordance with International Financial Reporting Standards
- demonstrate his/her ability to apply principles prescribed by International Financial Reporting Standards
- demonstrate his/her ability to compile financial statements in accordance with International Financial Reporting Standards
- Capita Selecta

Method of delivery:

Assessment Methods:

Module Code: REKP674	Year module	NQF-Level: 8

Title: AUDIT AND CORPORATE GOVERNANCE

Module Outcomes:

On completion of the module the student will demonstrate:

- Knowledge and understanding of corporate governance in South Africa
- Understanding and application of the ethical aspects of the professional accountant
- The ability to identify applicable auditing standards (e.g., ISAs), laws and regulations relevant to an audit engagement
- Knowledge and understanding of the key elements of assurance service engagements

Method of delivery:

Assessment Methods:

Module Code: REKP675	Year module	NQF-Level: 8

Title: FINANCIAL MANAGEMENT AND STRATEGY

Module Outcomes:

On completion of the module the student will demonstrate:

- Integrated knowledge and understanding of the underlying theories, methods and techniques available in the field of management accounting that inform decision-making and control practices
- The ability to apply contextualised knowledge of theories, methods and techniques in the field of financial management to solve complex investment, financing and dividend decisions and present finance opinions, arguments and recommendations
- The use of a range of specialised skills and the key elements in managing and evaluating an organisation's financial strategy
- An understanding of the entity's mission, vision and strategy

Module Code: REKP676	Year module	NQF Level: 8

Title: APPLIED RESEARCH IN FINANCIAL ACCOUNTANCY

Module Outcomes

On completion of the module the student will demonstrate:

- A critical understanding and application of appropriate research methodologies that are relevant to the field of accountancy
- Knowledge of appropriate research skills to critically interrogate multiple sources of knowledge and information
- The ability to present and prepare contextualised and empirically researched opinions in the field of accountancy

Method of delivery:

Assessment Methods

Module Code: RSPR 671	Year module	NQF-Level: 8

Title: RESEARCH PROJECT

Module Outcomes:

After completing this module, students demonstrate that they have acquired the knowledge, skill, disposition and values to:

- identify a research problem in a specific field of specialisation;
- prepare a proposal for a project to investigate the identified problem

Module Code: UARM 811	Year 1: Semester 1	NQF-Level: 9

Title: APPLIED ANALYSIS AND RESEARCH IN RISK MANAGEMENT

Module Outcomes:

A master's level student must learn how to do independent research. The student will be expected to do applied research assignments that show mastery of the requirements for academic research and critical insight. Research methods have application in the daily work environment and an improved understanding and mastery of research methods can be expected to contribute to the effectiveness of risk management in organisations. An employee who has learnt how to do scientific research can be expected to approach challenges and problems in the work environment in a critical, structured manner leading to more robust solutions.

Example topics:

- Philosophy of science – essential background to scientific research
- Research methodology
- Understanding of statistics and data analysis
- Communication of research results
- Research as risk management tool
- Critical thinking and problem solving skills

Systemic view of risk - Risk in complex systems

Method of delivery: Part-time

Assessment Methods: The formative and summative assessment methods .and weights will be indicated in the study guide and on Efundi

Module Code: UARM 812	Year 1: Semester 1	NQF-Level: 9

Title: FUNDAMENTALS OF RISK MANAGEMENT

Module Outcomes:

Programmes at master's level should prepare the student to be able to critically analyse and evaluate that which is on offer, i.e. provide a broader, philosophical background rather than just a tool set and subject knowledge. The aim of this module is to form the theoretical basis for critical analysis and application of risk methodology in the rest of the programme by providing the student with a solid understanding of the fundamentals of risk and risk management.

Example topics:

- Definition of risk and risk management
- History of risk management
- Need for risk management
- On developing a shared terminology in a fast developing field
- Risk management roles: Enterprise Risk Management, Operational Risk Management, Financial Risk Management and Compliance Risk Management
- Frameworks for risk analysis and management
- Current Issues in risk management

Method of delivery: Part-time

Assessment Methods: The formative and summative assessment methods .and weights will be indicated in the study guide and on Efundi

Module Code: UARM 813	Year 2: Semester 1	NQF-Level: 9

Title: RISK ASSESSMENT AND QUANTIFICATION TOOLS

Module Outcomes:
In this module the student will identify and critically evaluate the most suitable risk assessment tools for the different risk environments. The work in this module will also focus on increased understanding of the meaning of the results from risk assessment tools.

Method of delivery: Part-time

Assessment Methods: The formative and summative assessment methods .and weights will be indicated in the study guide and on Efundi

Module Code: UARM 814	Year 2: Semester 1	NQF-Level: 9

Title: RISK DATA AND REPORTING

Module Outcomes:
The risk manager needs to understand and critically evaluate the data required for risk analysis and reporting. A risk manager must also learn how to communicate effectively to risk stakeholders at all levels in an organisation.
Example topics:
- Data quality as applied to risk analysis and reporting
- Risk reporting tools and formats
- The advantages and disadvantages of different reporting formats

Method of delivery: Part-time

Assessment Methods: The formative and summative assessment methods .and weights will be indicated in the study guide and on Efundi

Module Code: UARM 821	Year 1: Semester 2	NQF-Level: 9

Title: BEHAVIOURAL RISK MANAGEMENT

Module Outcomes:
The aims of this module are to increase the student's understanding of the role and impact of people in risk and risk management, build the student's knowledge and insight into his/her own role in the risk management process and improve the student's management skills to allow for greater effectiveness in risk management.
This module will cover the role of people in risk and risk management including:
- Ethics and risk
- The role players in risk - Roles and responsibilities
- A systemic view of risk role players
- The psychology of risk and the behavioural components of risk management
Communication, change management and leadership skills

Method of delivery: Part-time

Assessment Methods: The formative and summative assessment methods .and weights will be indicated in the study guide and on Efundi

Module Code: UARM 822	Year 1: Semester 2	NQF-Level: 9

Title: GOVERNANCE, RISK AND COMPLIANCE

Module Outcomes:
The aim of this module is to provide a critical overview of the risk governance, compliance and regulatory environment.
Example topics are:
- Principles of corporate governance
- Corporate governance structures
- Regulatory and supervisory authorities
- Regulatory and legal requirements
- The role of risk management in governance and compliance
Governance and regulatory challenges in the risk environment

Method of delivery: Part-time

Assessment Methods: The formative and summative assessment methods .and weights will be indicated in the study guide and on Efundi

Module Code: UARM 823	Year 1: Semester2	NQF-Level:9
Title: Risk Assessment Tools		
Module Outcomes: In this module the student will identify and critically evaluate the most suitable risk assessment tools for the different risk environments. The work in this module will also focus on increased understanding of the meaning of the results from risk assessment tools.		
Method of delivery: Part-time		
Assessment Methods: The formative and summative assessment methods and weights will be indicated in the study guide and omm Efundi.		
Module Code: UARM 873	**Year 2 module**	**NQF-Level: 9**
Title: MINI-DISSERTATION		
Module Outcomes: The student will plan, execute and document a research project on a topic relevant to her/his own work environment.		
Method of delivery: Part-time		
Assessment Methods: The formative and summative assessment methods .and weights will be indicated in the study guide and on Efundi		
Module Code: MARM873	**Year2 module**	**NQF- Level:9**
Title: Dissertation		
Moduule Outcomes:The student will plan , execute and document a research project on a topic relevant to his/her own work environment.		
Method of delivery: Part-time		
Assessment Methods: The formative and summative assessment methods and weights will be indicated in the study guide and on Efundi		

FACULTY OF ECONOMIC SCIENCES AND INFORMATION TECHNOLOGY – Curricula