

**CALENDAR 2013**  
FACULTY OF COMMERCE AND  
ADMINISTRATION  
UNDERGRADUATE PROGRAMMES  
**Mafikeng Campus**



## 1 ADDRESS

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PLEASE MENTION YOUR UNIVERSITY NUMBER IN ALL CORRESPONDENCE.

The General 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 at: <http://www.nwu.ac.za>

**Please Note:** Although the information in this Calendar has been compiled with the utmost care and accuracy, the Council and the Senate 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 by a student, the relevant module combination is not permitted.

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### 3 OFFICE BEARERS

Executive Dean	Professor S Swanepoel, B.Com, B.Com (Hons), MCom HRM, DCom HRM (UP), HED (Unisa), Registered Industrial Psychologist (HPCSA)
Research Professor	Professor MA Petersen, BSc, BSc HDE (UCT), BSc Hons, MSc, PhD (UWC)
Faculty Administrator	DR Mheta, B.Com (Unibo)
Research Officer	D Vorster, BA (UP), BA Hons Soc (NWU)

#### Directors of Schools and Programme Managers

##### School of Accounting

Director	Professor AAI Bootha, B.Com (UNISA), MCom Forensics (NWU), CIA, CA (SA)
Programme: Chartered Accountancy and Financial Accountancy	FK Kgotle, B.Com (NWU), Hons B.Compt (UNISA), CTA (UNISA), CA (SA)

##### School of Economic and Decision Sciences

Director	MN Sikwila, BA (Zambia), MA (Acadia), PhD (Bath)
Programme: Economics	MJ Khumalo, BA, MSc (NUL) MBA (NWU)
Programme: Transport Economics & Logistics Management	K Visser, B.Com (Stellenbosch), B.Com Hons (RAU), MCom (NWU)
Programme Information Systems	M Velempini, MSc (Comp Sc) (NUST), PhD (Elec Eng) (UCT)
Programme Statistics	ND Moroke, B.Com B.Com Hons (UNW), M Com (NWU)

##### School of Management Sciences

Director	Professor JB van Lill MA (Stellenbosch), DLitt et Phil (UNISA), MBL (Unisa), Registered Psychologist (HPCSA)
Programme: Management	KFR Kadama, BSc Hons (Makerere University, Uganda), MBA, PhD (NWU)
Programme: Industrial Psychology	EN Barkhuizen, B.Com, B.Com Hons, MCom (PU for CHE), PhD (NWU)
Programme: Public Administration	LM Masilo, BPA (Unibo), B.Admin Hons (Unisa), MPA (Northern Arizona)

## **Graduate School of Business and Government Leadership**

Director	TG Pelsler, B.Com, B.Com Hons, MCom, PhD ( <i>PU for CHE</i> )
Postgraduate Division Director	GD Setsetse, B.Admin ( <i>Unin</i> ), B.Admin Hons ( <i>Unisa</i> ) – MHRP
Programme Manager	PT Mpete, B.Admin B.Admin Hons ( <i>UNW</i> ) RTA ( <i>SHL</i> ), MAdmin ( <i>NWU</i> )

## **Faculty Board Members**

Chairperson	Professor S Swanepoel, B.Com, B.Com (Hons), MCom HRM, DCom HRM ( <i>UP</i> ), HED ( <i>Unisa</i> ), Registered Industrial Psychologist (HPCSA)
Research Professor	MA Petersen, BSc, BSc HDE ( <i>UCT</i> ), BSc Hons, MSc, PhD ( <i>UWC</i> )

## **Accounting**

Professor	AAI Bootha, B.Com ( <i>UNISA</i> ), MCom Forensics ( <i>NWU</i> ), CIA, CA (SA)
Senior Lecturers	N Chitima, B.Compt ( <i>UNISA</i> ), B.Compt Hons ( <i>UNISA</i> ), CIA, CA (SA) KM Meko, B.Com ( <i>Unin</i> ), MBA ( <i>District of Columbia</i> ) J Hanna, B.Admin ( <i>Brock</i> ), CA ( <i>Canada</i> ) J van der Merwe, B.Com, CTA ( <i>UOFS</i> ), CA (SA) TE Triegaardt, B.Com, CTA ( <i>Wits</i> ), CA (SA) FK Kgotle, B.Com ( <i>NWU</i> ), Hons B.Compt ( <i>UNISA</i> ), CTA ( <i>UNISA</i> ), CA (SA)
Lecturers	A Pieterse, B.Com ( <i>PU for CHE</i> ), B.Compt Hons ( <i>Unisa</i> ), MCom ( <i>NWU</i> ), Professional Accountant (SA), Tax Practitioner (SA) T Mashoene, BAacct ( <i>UKZN</i> ), B.Compt Hons ( <i>Unisa</i> ) T Odendaal, B.Com ( <i>UP</i> ), B.Com (Hons) ( <i>UP</i> ), CIA

## **Economics**

Associate Professor	J Mukuddem-Petersen, BSc BSc Hons ( <i>UWC</i> ), MSc, PhD ( <i>PU for CHE</i> )
Senior Lecturers	FP Lembede, B.Com ( <i>Unizul</i> ), B.Com Hons ( <i>Unisa</i> ), M.A. ( <i>Williams</i> ) SJH Louw, B.Com ( <i>UOFS</i> ), B.Com Hons ( <i>UP</i> ), MA ( <i>Pennsylvania</i> ) MN Sikwila, BA ( <i>Zambia</i> ), MA ( <i>Acadia</i> ), PhD ( <i>Bath</i> )



Lecturers	OD Daw, BPA ( <i>Unibo</i> ), MSc DP ( <i>Wits</i> ), PhD ( <i>SWUFE, China</i> ) MJ Khumalo, BA, MSc ( <i>NUL</i> ), MBA ( <i>NWU</i> ) NE Molatsana, B.Com ( <i>Unisa</i> ), B.Com Hons, MCom ( <i>UP</i> ) IP Mongale, B.Com, B.Com Hons, MCom ( <i>NWU</i> ) TJ Mosikari, B.Com, B.Com Hons, MCom ( <i>NWU</i> )
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### **Information Systems**

Professor	S Lubbe, B.Com, B.Com (Hons), MCom (IS) ( <i>UCT</i> ), PgD (IS) ( <i>WITS</i> )
Senior Lecturer	N Mavetera, BSc (Engineering) Hons ( <i>UZ</i> ), PM (Geomatics) ( <i>ITC, NL</i> ), PhD (IT) ( <i>UP</i> )
Lecturer	M Velepini, MSc (Comp Sc) ( <i>NUST</i> ), PhD (Elec Eng) ( <i>UCT</i> )
Junior Lecturers	ME Nhlapo, B.Com, BSc Hons ( <i>UNW</i> ) F Mosejja, BSc, BSc Hons ( <i>UNW</i> ) CG Mavetera, B.Com, B.Com Hons ( <i>UNW</i> ) L Ditibane, B.Com, B.Com Hons ( <i>UNW</i> )

### **Statistics**

Professor	PAE Serumaga-Zake, BSc ( <i>Makerere</i> ), MSc ( <i>Rhodes</i> ), PhD ( <i>PU for CHE</i> )
Senior Lecturers	MS Sedupane, BSc, BSc Hons ( <i>UCT</i> ), M Com ( <i>UNW</i> ) NN Maruma, BSc Hons ( <i>Unin</i> )
Lecturers	LD Metsileng, B.Com B.Com Hons, MCom ( <i>UNW</i> ) ND Moroke, B.Com B.Com Hons ( <i>UNW</i> ), M Com ( <i>NWU</i> ) PG Seaketso, BSc BSc Hons, MSc ( <i>NWU</i> )
Junior Lecturer	DL Xaba, B.Com Hons ( <i>NWU</i> )

### **Transport Economics and Logistics Management**

Associate Professor	JN Cronjé, B.Com ( <i>RAU</i> ), B.Com HONS ( <i>Unisa</i> ), MCom ( <i>Unisa</i> ), DCom ( <i>Unisa</i> )
Lecturer	HC Kuun, B.Com Hons ( <i>RAU</i> ), MCom ( <i>Unisa</i> )
Junior Lecturers	A Mooketsi, B.Com ( <i>NWU</i> ), B.Com Hons ( <i>UJ</i> ) KW Motatsa B.Com ( <i>NWU</i> ) B.Com Hons ( <i>UJ</i> ) K Visser, B.Com ( <i>Stellenbosch</i> ), B.Com Hons ( <i>RAU</i> ), MCom ( <i>NWU</i> )

### **Industrial Psychology**

Professor	JB van Lill MA ( <i>Stellenbosch</i> ), DLitt et Phil ( <i>UNISA</i> ), MBL ( <i>Unisa</i> ), Registered Psychologist ( <i>HPCSA</i> )
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Associate Professor	EN Barkhuizen, B.Com, B.Com Hons, MCom (PU for CHE), PhD (NWU)
Senior Lecturer	KRF Mokgele, BA PM, BA PM Hons (Fort Hare), MBA (UNW)
Lecturers	TJ Maubane, BPA BPA Hons (Unibo), MBA (NWU), CHRP (SABPP), P&M (APM(SA)) ND Makgala, B.Admin Hons (Unibo), MAdmin, PGDM (NWU) DL Lesenyeho, B Soc Sc B.Admin Hons, M Admin (UNW) AM Molefi, B.Com B.Com Hons, MCom (UNW)

### **Management**

Associate Professor	JJ Prinsloo, B.Com B.Com Hons, MCom (UP), PhD (PU for CHE)
Senior Lecturers	LJK Godji, BA Hons (Cape Coast), MBA (Ghana) AS Pelser, B.Com B.Com Hons (PU vir CHE), MCom (UniVen)
Lecturers	KFR Kadama, BSc Hons (Makerere University, Uganda), MBA, PhD (NWU) MA Matlabe, B.Com B.Com Hons, MCom (NWU) KL Motlhabane, Entrepreneur Diploma (Wits Business School), Advanced Diploma in Taxation (University of Pretoria), B.Com (Unibo), MBA (UNW) JSM Legodi, B.Com, UED (Unin), B.Com Hons (Vista), MBA (De Mont Fort) W du Toit, B.Com Hons (PU for CHE), MCom (Stellenbosch University) S Kopung, BSc Ed (Unibo), BEd (NWU), BMin (CFCI), MBA (TVU), GDE (Wits) S Ngobeni, B.Com (UL), B.Compt Hon (Unisa), MCom (NWU)

### **Public Administration**

Senior Lecturers	LM Masilo, BPA (Unibo), B.Admin Hons (Unisa), MPA (Northern Arizona) AI Tabane, B.Admin Hons (Unisa), MPA (UP)
Lecturers	TE Mabile, BPA BPA Hons (Unibo), MPA (Stellenbosch), PhD (NWU) LP Bogopane, BPA BPA Hons (Unibo), MPA (Texas), PhD (NWU)

### **Graduate School**

Professor	AG Frank, BA (Copenhagen), MDPA (SA), MBA (Buckinghamshire), MCom, DCom ( <i>Unisa</i> )
Associate Professors	CO Miruka, BSc ( <i>Nairobi</i> ), MMan, PhD ( <i>Wits</i> ) TG Pelsler, B.Com, B.Com Hons, MCom, PhD ( <i>PU for CHE</i> )
Postgraduate Division Director	GD Setsetse, B.Admin ( <i>Unin</i> ), B.Admin Hons ( <i>Unisa</i> ) – MHRP

## **4 FACULTY RULES**

### **4.1 Authority of the General Rules**

- 4.1.1 The faculty rules valid for the different qualifications, programmes and curricula of this faculty and contained in this faculty calendar, are subject to the General Rules of the University, as determined from time to time by the Council of the University on recommendation of the Senate. The faculty rules should therefore be read in conjunction with the General Rules. In instances where a faculty rule may contain provisions that are in conflict with the General Rules, the latter will prevail.

The *General Academic Rules*, which are published on the website of the University at <http://www.nwu.ac.za>, can be found under "Governance and Management"/"Policy and Rules"/"A-rules".

### **4.2 Application for Admission**

#### **4.2.1 Procedure**

A prospective student applies for admission to the University by completing the prescribed application form either on paper or electronically and submitting it to the Admissions Office together with the prescribed application documentation, fees for application and selection (where applicable), or proof of payment thereof.

#### **4.2.2 Faculty-specific requirements**

No application for admission is accepted if the applicant does not, in addition to the general admission requirements, also comply with faculty-specific requirements where applicable.

#### **4.2.3 Selection**

The University reserves the right to select students before admission to specific fields and not to admit applicants to the relevant qualification programmes if they do not satisfy the selection standards, even where such applicants do meet the minimum admission requirements. Where, in such a case, a student number is allocated to an applicant, it is done solely for administrative purposes, and does not constitute or create a right to admission.

### **4.3 Registration**

#### **4.3.1 Prior admission**

No one is registered as a student before such person is admitted to a specific qualification programme of the University or for non-degree purposes.

#### **4.3.2 Simultaneous registration at more than one institution**

A student may not be registered simultaneously at the University and at another higher education institution without written permission granted by the campus registrar on recommendation of the dean and with the concurrence of the other institution.

#### **4.3.3 Simultaneous registration for more than one qualification**

A student may not be registered simultaneously for more than one qualification within the University without prior written permission granted by the campus registrar on recommendation by the dean.

#### **4.3.4 Use of the University's facilities by registered students**

Subject to specific exceptions granted by the campus registrar only registered students are entitled to utilize the University's facilities.

#### **4.3.5 Submission to rules and resolutions**

By signing and submitting the application and registration forms either on paper or electronically a student agrees to be bound by all rules, policies and decisions of the University for the duration of the student's study at the University.

#### **4.3.6 Duration of registration**

A student who is admitted to and registered at the University continues to be a student of the University for the duration of the validity of the registration or until such time as the registration is validly terminated by the student or by the University.

#### **4.3.7 Erroneous registration**

The University reserves the right to cancel any erroneous registration and to withdraw any qualification that was awarded erroneously after the conclusion of a disciplinary process or the completion of a thorough administrative enquiry.

#### **4.4 Re-admission after interruption of studies**

Where a student's study is interrupted for a year or longer, such a student must apply anew for admission by completing the relevant form, obtaining the written permission of the dean to be re-admitted.

#### **4.5 Information on academic performance**

The University may provide information on students' academic performance to persons or institutions having a legitimate interest therein, including parents, guardians or grantors of bursaries or potential employers unless the student requests the University at registration in writing not to do so.

#### **4.6 Qualifications awarded posthumously**

Notwithstanding any other provision, Senate may on recommendation by the faculty board, award a degree posthumously if the student already complied with all the requirements of the qualification concerned before passing away, or if the student has, in the opinion of Senate, clearly proven that the final examinations or other assessments required for the completion of the degree would in all likelihood have been passed by the deceased student.

### **5 DEGREES**

#### **5.1 Admission requirements**

The admission requirements for all formal academic qualifications offered by the University are set out in the Admission Policy as approved by Senate and Council ([http://www.nwu.ac.za/webfm\\_send/24749](http://www.nwu.ac.za/webfm_send/24749)).

## **5.2 Registration**

### **5.2.1 Annual registration**

- 5.2.1.1 A student who has been admitted to the University registers for a specific qualification programme per annum or per semester for the duration of the study at the time determined in the annual calendar for that purpose, by paying the prescribed registration fee, completing the registration form either on paper or electronically, acquiring the required approval from faculty advisers and other functionaries concerned and submitting the form to the campus registrar concerned, upon which proof of registration is issued to the student.
- 5.2.1.2 Students who attend lectures, write tests, submit assignments and who write examinations without officially being registered, receive no credits, even if the prescribed fees have been paid.
- 5.2.1.3 A student registers on the date of registration in accordance with the rules relating to the qualification programme, curriculum and module concerned as provided for in these rules.
- 5.2.1.4 It is the personal responsibility of the student to ensure that all requirements for registration for the qualification programme, curriculum and module are complied with and that no class, test or examination time table clashes between modules for which the student registers, will occur. The University reserves the right to refuse or cancel a registration where this condition is not met.

### **5.2.2 Recognition and exemption of modules**

- 5.2.2.1 A student who has studied at another recognised higher education institution and who applies to register in a qualification programme at the University, may apply in writing to the dean for recognition or exemption of modules required for the qualification programme for which the student wishes to register, provided that the dean may grant recognition or exemption for no more than half the credits, preferably regarding the modules in the junior year levels of the qualification programme concerned.
- 5.2.2.2 A student who has acquired a qualification from the University or any other recognized higher education institution and who applies for registration in a qualification programme at the University, may apply in writing to the dean for recognition or exemption of modules required for the qualification programme for which the student wishes to register, provided that the dean may grant recognition or exemption for no more than half of the credits, preferably regarding the modules in the junior year levels of the qualification programme concerned.
- 5.2.2.3 Any registered student who wishes to change to a different curriculum, may within the framework of these rules, apply in writing to the dean for the recognition or exemption of modules already passed which are included in the curriculum to which the student wishes to change.
- 5.2.2.4 The faculty may stipulate that recognition or exemption of modules will apply for a specific period or that the dean may grant exemption or recognition of only certain modules.
- 5.2.2.5 An undergraduate student who has written a module examination and has failed that module and has to repeat the module, may apply in writing to the dean to be exempted in the year after the module was failed from the practical work in the module, in which case the student registers for the module and makes the necessary arrangements with the lecturer concerned for the transfer of the mark for practical work from the previous year in order to form part of the participation mark.
- 5.2.2.6 A student who failed a module and has in the opinion of the relevant school director complied with the class attendance requirements in the previous year, may on the recommendation of the school director concerned be exempted once from class attendance in that module by the dean, subject to conditions provided for in these rules.

### **5.2.3 Progress requirements**

- 5.2.3.1 When a first semester module in a particular year level is set in these rules as assumed learning for a second semester module, a module mark of at least 40% must be achieved in the first

semester module concerned before the student may continue with the second semester module, subject however to higher requirements that may be set in these rules.

- 5.2.3.2 Where a module of one year level is set by these rules to be assumed learning for a module in the following year level, a pass mark (module mark) of at least 50% must be obtained in the module concerned before the student may register for the successive module.
- 5.2.3.3 Where these rules set a module as concurrent requirement for another module, such module is taken in the same semester as the module to which it is related.
- 5.2.3.4 A student registered for a degree that leads to professional or statutory registration may only register for final year modules after all preceding modules have been passed.

#### **5.2.4 Additional modules**

- 5.2.4.1 A student who registers for the first year level of a curriculum may only be allowed to register additionally for one module on first year level per semester not required for the curriculum concerned, provided that no timetable clashes are brought about thereby.
- 5.2.4.2 A student who has already passed the first year of a curriculum may, with the permission of the dean – which may be granted in accordance with these rules - register for a maximum of two modules per semester or two year modules or one semester module and one year module, additional to the modules required for the curriculum, provided that no timetable clashes are brought about thereby and that the student passed all the modules of the previous semester.
- 5.2.4.3 A student who failed modules may in accordance with these rules be allowed by the dean to register for a maximum of two modules per semester or two year modules or one semester module and one year module, additional to the modules required for the curriculum, provided that no timetable clashes are brought about thereby.
- 5.2.4.4 Where the dean is satisfied that a particular student should be allowed to register for more modules than provided for in 5.2.4.1, 5.2.4.2 or 5.2.4.3 above, the specific decision is subject to the approval of the faculty board.

#### **5.2.5 Exemption from registration**

Where a student must, in order to complete a qualification, write one outstanding examination that does not fall in the same semester as that in which all the requirements of the qualification are complied with, the student is exempted from registration for that semester.

#### **5.2.6 Amendment or cancellation of registration**

- 5.2.6.1 A student's registration may only be amended or cancelled on application in the prescribed manner and within the period annually indicated on the official calendar of the University.
- 5.2.6.2 The campus registrar may cancel a student's registration for a particular module where such registration was done contrary to the rules.

### **5.3 Examination**

#### **5.3.1 Examiners and moderators**

- 5.3.1.1 For every non-exit level module there is at least one internal examiner and at least one internal moderator.
- 5.3.1.2 Every exit-level module is moderated externally at least every second year by a person or persons with the required qualifications, provided that such a person or persons may not be a staff member or otherwise connected to the University by way of an extraordinary appointment.

#### **5.3.2 Requirements for admission to examination**

- 5.3.2.1 A student who achieved the required participation mark or proof of participation prescribed by these rules, is admitted to the examination in the module concerned. A participation mark of at least 40% is required for admission to the examination in all modules.
- 5.3.2.2 Composition of the participation mark: The participation mark for a module may be compiled from tests, assignments and practical work, amongst others.
- 5.3.2.3 Module mark: The module mark is calculated according to the ratio 1:1 between the participation mark and the examination mark.

#### **5.3.3 Pass requirements**

- 5.3.3.1 Subject to the requirements regarding an examination sub-minimum as provided for in these rules, a student passes the examination in a particular module if a module mark of at least 50% is attained in the assessment.
- 5.3.3.2 Where a first-time entering student who has registered for the first time for an undergraduate programme at the University fails any first-year module with no less than 40% in the first semester, but achieves an examination mark of at least 50% in that module, the school director concerned may allocate a pass mark of 50% to the student.
- 5.3.3.3 The sub-minimum for examinations in all modules is 40%.
- 5.3.3.4 If a first-time entering student is registered for a first semester module for the first time and fails that module with no less than 40%, and passes a second semester module in the same subject following on the first semester module for which the first semester module is prescribed as assumed learning, the school director concerned may retroactively award a pass mark of no more than 50% for the first semester module; provided that this may, at most, be done regarding one module.

#### **5.3.4 Number of examination opportunities**

- 5.3.4.1 There are two examination opportunities per module, of which the student may utilise one or both.
- 5.3.4.2 A student who utilises the second examination opportunity will be liable for the prescribed fee.
- 5.3.4.3 Where the student utilises both opportunities, the module mark is calculated with reference to the participation mark which gave admission to the first examination opportunity and the mark achieved in the second examination.
- 5.3.4.4 The faculty may exclude specific modules from a second examination opportunity.
- 5.3.4.5 A student who, having used all ordinary examination opportunities, has passed all modules but one required for a qualification, may apply to the dean to be granted a final assessment opportunity in the outstanding module, provided that the student was registered for that module in that academic year and had a participation mark that admitted him / her to the examination.



### **5.3.5 Repetition of modules**

If a student fails the examination in a particular module, the module must, barring possible exceptions provided for in these rules, be repeated in its entirety.

### **5.3.6 Extension of period of study**

5.3.6.1 A student who does not expect to complete the curriculum for a qualification programme within the prescribed number of years may, before the end of the penultimate academic year, apply to the school director concerned for an extension of the study period.

5.3.6.2 The school director concerned may extend the student's study period in accordance with the provisions of these rules to enable the student to complete the qualification.

### **5.3.7 Unsatisfactory academic performance**

5.3.7.1 Subject to exceptions that may be provided for in these rules, "unsatisfactory academic performance" means that a full-time student achieves in a semester less than half the credits required for the curriculum concerned or passes less than half of the modules registered for in the semester.

5.3.7.2 A student whose academic performance is unsatisfactory receives a formal warning from the dean and is referred for academic advice and study counselling.

### **5.3.8 Termination of studies**

5.3.8.1 Where a student -

5.3.8.1.1 has already received two warnings from the dean as referred to in 5.3.7.2 and fails for the third time to show satisfactory academic performance, or

5.3.8.1.2 did not obtain permission as referred to in 5.3.6.1 to exceed the maximum duration of the study period,

the campus rector may, on the advice of the dean terminate the student's studies, and must report such termination to Senate.

5.3.8.2 A student whose studies have been terminated is not admitted to the same study programme in the subsequent academic year.

5.3.8.3 A student whose studies have been terminated may apply in the normal manner to be admitted to another study programme, but must in the course of the application mention the termination.

5.3.8.4 In the event of an application for re-admission the dean has the discretionary authority to set reasonable conditions for such re-admission and must report such conditions to the vice-rector.

### **5.3.9 Assessment appeals process**

5.3.9.1 Students do not have a right to peruse their examination scripts, unless the school director is satisfied that there is a valid reason to do so. In such instances the school director may determine the terms and conditions upon which perusal will be allowed.

5.3.9.2 Where a student is of the opinion that there was an error in his or her mark appearing on the notice board, that student must, not later than five working days of the publication of the results, lodge a query with the relevant lecturer, who shall confirm that all processes were adhered to and that the marks were added and captured correctly.

5.3.9.3 If an administrative or other error has occurred as provided for in 5.3.9.2 above, it shall be corrected immediately by the lecturer concerned. Where applicable, the correction shall, after approval of the school director and the dean, be submitted to the faculty officer on a prescribed form for capturing, together with a certified copy of the examination script.

5.3.9.4 Where a student believes that the mark obtained in a particular module does not fairly reflect that student's performance in the examination, the said student may, not later than five working days of

the publication of the results, submit a written appeal to the school director, providing clear reasons why he or she believes that the process of assessment was unfair.

5.3.9.5 If the school director, after having consulted with the lecturer concerned, is satisfied that the student's grievance as provided for in 5.3.9.4 above is not unreasonable, the school director may request the said lecturer, or another person with appropriate qualifications, to re-mark the script partly or in its entirety. The person assigned with the task of re-marking shall within ten working days submit the results thereof to the school director.

5.3.9.6 If, after the re-marking of the script as provided for 5.3.9.5 above, it is found that the student deserved a higher mark than had originally been awarded, the student's mark in the relevant module shall be adjusted by the lecturer concerned. The corrected mark shall, after approval of the school director and the dean, be submitted for capturing to the faculty officer on a prescribed form, together with a certified copy of the script and other relevant documentation.

## **5.4 Attainment of qualification**

### **5.4.1 Satisfaction of requirements**

A degree is obtained when a student has passed in the examination all the modules prescribed in these rules for the curriculum concerned.

### **5.4.2 Qualification with distinction**

An undergraduate qualification is conferred with distinction where the student completes the degree in the minimum period and has achieved an average of 75% in all the core modules identified for this purpose. For purposes of calculating the average, modules completed at other institutions and that are recognised as such by the NWU, will be taken into account.

### **5.4.3 Evaluation of Academic Literacy Levels**

- a) Any undergraduate student registered in the faculty is required to pass a preregistration test to determine his/her level of academic and language proficiency in the student's intended language of tuition.
- b) The test is conducted in English and each student will receive only one opportunity to write the test.
- c) If the test was not written or the student did not attain the required level of performance, the student must register for the module AGLE111.
- d) Students who have already successfully completed a module or modules (course[s]) similar to AGLE111, AGLE121 at another institution and can provide proof of this, can apply, in writing, to receive recognition for this from the Director of the School of Human Sciences, Faculty of Human and Social Sciences.

### **5.4.4 Recognition of Prior Learning**

An applicant who cannot provide formal proof of compliance with the prescribed admission requirements for a specific curriculum with prior learning and relevant work experience, may be admitted to degree studies after the procedure for recognition of prior learning in terms of the University's RPL policy has been completed successfully. The procedure for such recognition may, within the sole discretion of the University, include compliance with one or more of the following requirements:

- a) Specific results in a set of admission tests;
- b) Production of proof of alleged skills;
- c) Successful interviews; and/or
- d) The achievement of specific outcomes in an approved curriculum at this or any other educational institution indicated for this purpose.

Credit for any module for which a student receives recognition, will be granted in accordance with the national prescripts and the faculty rules in respect of the appropriate curriculum.

#### 5.4.5 Duration of Studies

The minimum duration for a B.Com or B.Admin degree is three years and the maximum duration to complete the degree is five years.

#### 5.4.6 Progress in a Curriculum based on Assumed Learning

A module of any subject can only be taken if the student has already complied with the prerequisites as stipulated in the list of modules.

#### 5.4.7 Interpretation of Pre-Requisite Rule

If any course X is a pre-requisite for course Y, and course Y is a pre-requisite for course Z, then by implication course X is a pre-requisite for course Z. The same interpretation can be extended to pre-requisites for modules. For example, given that ACCF111 is a pre-requisite for ACCF121, and also that ACCF121 is a pre-requisite for ACCF211, then ACCF111 is also a pre-requisite for ACCF211. If, further, ACCF111 is a pre-requisite for ACCF211 then, again, ACCF111 is a pre-requisite for ACCF221, etc.

#### 5.4.8 A Few Modules to Complete a Degree

In order to reach the programme outcomes of a curriculum on this campus, it is not possible to complete third-year modules through another institution to graduate at NWU.

#### 5.4.9 Students who wish to Resume Studies after a Certain Period

Students, who wish to complete their degree after the period of five years has elapsed, will be subject to the following guidelines:

- If approximately 50% of the modules are needed to complete the degree, the entire second and third years have to be completed, plus any outstanding first-year modules.
- If approximately 50% of the third-year modules are needed, the entire third year will have to be completed.

#### 5.5 Warning Against Plagiarism

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

#### 5.6 Schools in the Faculty

The Faculty of Commerce and Administration consists of four schools. A director manages each school. In each school, there are different programmes, each with a programme leader/co-ordinator.

School	Programme
Accounting	Chartered Accountancy Financial Accountancy Accounting and Informatics
Economic and Decision Sciences	Economics Transport Economics and Logistics Management Information Systems Statistics
Management Sciences	Industrial Psychology Management

	Public Administration Marketing Management Human Resource Management Local Government/Development Management
Graduate School of Business and Government Leadership	Postgraduate Diploma in Management Master of Business Administration

## 5.7 Qualifications, Programmes and Curricula

In the Faculty of Commerce and Administration, different qualifications can be obtained at an undergraduate and post-graduate level. The two that can be obtained at an undergraduate level are known as the Bachelor of Commerce (B.Com) and the Bachelor of Administration (B.Admin).

The B.Com and B.Admin degrees are offered on a full-time basis in different programmes. Each programme consists of a fixed curriculum that is compiled from relevant modules (subdivisions of subjects). Each module has a unique code, carries a certain credit value, has a descriptive name and is briefly described under the heading "Module Outcomes".

Information on the rules for the different qualifications and programmes are set out in this calendar. For administrative purposes, the different programmes are placed under the schools in which they are primarily offered, and each one is provided with a unique degree code.

A prospective student must first decide which qualification he or she wishes to obtain, after which the specific programme is selected.

### 5.7.1 Extended Bachelor of Commerce (B.Com)

The extended B.Com is taken over four years. It is a foundation programme that augments and equips students with tuition and skills for entry into the regular B.Com programmes.

Details of the Extended B.Com are provided in the addendum to this calendar.

### 5.7.2 Extended Bachelor of Administration (B.Admin)

The extended B.Admin is taken over four years. It is a foundation programme that augments and equips students with tuition and skills for entry into the regular B.Admin programmes.

Details of the Extended B.Admin are provided in the addendum to this calendar.

### 5.7.3 Bachelor of Commerce (B.Com) and Bachelor of Administration (B.Admin)

The North-West University, Mafikeng Campus, is authorised to award the following undergraduate degrees, offered full time, in the Faculty of Commerce and Administration:

Qualification	Programmes	Curriculum and Code
<b>SCHOOL OF ACCOUNTING</b>		
Bachelor of Commerce B.Com	Chartered Accountancy	500155 - E370M
Bachelor of Commerce B.Com	Financial Accountancy	500156 – E371M
Bachelor of Commerce B.Com	Accounting & Informatics	500162 – E374M
<b>SCHOOL OF ECONOMIC AND DECISION SCIENCES</b>		
Bachelor of Commerce B.Com	Economics	500192 – E304M
Bachelor of Commerce B.Com	Information Systems	500196 – E306M
Bachelor of Commerce B.Com	Operations Research	500199 – E309M
Bachelor of Commerce B.Com	Statistics	500198 – E310M

Bachelor of Commerce B.Com	Transport Economics	500194 – E311M
Bachelor of Commerce B.Com	Logistics Management	500193 – E312M
<b>SCHOOL OF MANAGEMENT SCIENCES</b>		
Bachelor of Commerce B.Com	Human Resource Management & Industrial Psychology	500195 - E305M
Bachelor of Commerce B.Com	Management	500197 – E307M
Bachelor of Commerce B.Com	Marketing Management	500203 – E355M
Bachelor of Administration B.Admin	Economics	545107 – E320M
Bachelor of Administration B.Admin	Human Resource Management	545108 – E321M
Bachelor of Administration B.Admin	Local Government and Development Management	545109 – E322M
Bachelor of Administration B.Admin	Industrial Psychology	545110 – E323M
Bachelor of Administration B.Admin	Public Administration	545113 – E325M

## 5.8 Admission Requirements

The statutory minimum admission requirements for diploma and degree programmes are regulated by Higher Education South Africa (HESA).

Additional admission requirements are also set by the university, and these include the Admission Point Score (APS) as stipulated by the different faculties and faculty specific requirements.

Please note that the University, due to capacity constraints, reserves the right to limit the number of students admitted into certain fields of study. This means that prospective students who comply with the minimum requirements may not necessarily be admitted to the relevant programmes.

### 5.8.1 APS

The results obtained in four designated and two recognised National Senior Certificate (NSC) subjects are used to calculate the APS. The performances achieved in 6 subjects are used to determine the APS-count. Life Orientation will not be used in the calculation. The APS is scored as follows:

NSC RATING	APS COUNT
8 (90-100%)	8
7 (80-89%)	7
6 (70-79%)	6
5 (60-69%)	5
4 (50-59%)	4
3 (40-49%)	3
2 (30-39%)	2
1 (0-29%)	1

### 5.8.2 B.Admin

*Economics, Human Resource Management, Local Government and Development, Industrial Psychology, Public Administration*

English Level 4, Mathematics Level 3 or Mathematics Literacy Level 4, Selection Test  
APS 21

### 5.8.3 B.Com

*Human Resource Management, Industrial Psychology*

English Level 4, Mathematics Level 3, Selection Test  
APS 24

*Economics, Transport Economics and Logistics Management*

English Level 4, Mathematics Level 3, Selection Test  
APS 24

*Information Systems, Statistics, Operations Research*

English Level 4, Mathematics Level 4, Selection Test  
APS 24

*Management, Marketing Management*

English Level 4, Mathematics Level 3, Selection Test  
APS 24

*\*Chartered Accountancy*

English Level 5, Mathematics Level 5, Accounting Level 4, Selection Test  
APS 30

*\*\*Financial Accountancy*

English Level 4, Mathematics Level 4, Accounting Level 4, Selection Test  
APS 28

*Accounting and Informatics*

English Level 4, Mathematics Level 4, Accounting Level 4, Selection Test  
APS 28

\*Students who did not have Accountancy as a school subject may be admitted to the B.Com Chartered Accountancy programme if they meet all other admission requirements and successfully complete the short course in Basic Accounting.

\*\*Students who achieved at least 65% in ACCF111 (Financial Accounting) at the end of the first semester will be allowed to continue with ACCC121 (Chartered Accountancy) in the second semester. If a student achieves 65% in ACCF121, he/she can write the second opportunity examination in ACCC121 and if the result is 55%, admission to the second year CA-Accounting can be obtained.

## 5.9 List of Modules

Module Code	Description	Pre-Requisite(s)	Credits
ACCC111	Accounting: Framework, Foundations, Cycle and Financial Reporting	Mathematics grade 12 level 5 (60-69%)	16
ACCC121	Accounting: Accounting for different entities	ACCC111 (55%) or ACCF111 (65%)	16
ACCC271	Accounting: Introduction to AARP/IFRS, Corporate Accounting and Analysis and Interpretation	ACCC121 (55%) or ACCF111/121 (65%) and ACCC121 (55%) in the 2 <sup>nd</sup> examination	32
ACCC371	Accounting: Complex Corporate Accounting (including Groups) and AARP/IFRS	ACCC271 (55%)	32
ACCF111	Financial Accounting: Basic Concepts, Accounting Cycle, Accounting Systems and Elementary Financial Reporting	Mathematics grade 12 level 4 Accountancy grade 12 level 4 (50-59%)	16
ACCF121	Financial Accounting: Special Accounts, Partnerships and Close Corporations	ACCF 111 (40%) or ACCC 111 (40%)	16
ACCF211	Financial Accounting: Financial Reporting	ACCF111, ACCF121 or ACCC111, ACCC121	16
ACCF221	Financial Accounting: Special Topics and Elementary Group Statements	ACCF211 (40%) or ACCC271 (40%)	16
ACCF311	Financial Accounting: Group Statements and Introduction to IFRS	ACCF211, ACCF221 or ACCC271	16
ACCF321	Financial Accounting: IFRS	ACCF311 (40%) or ACCC371 (40%)	16
ACCM128	Accounting for Legal Practice	ACCS111	12
ACCS111	Financial Accounting (Special): Basic Concepts, Accounting Cycle and Accounting Systems	Mathematics grade 12 level 3 (40-49%)	16
ACCS121	Financial Accounting (Special): Financial Reporting, Analyses and Interpretation of Financial Statements	ACCS111 (40%)	16
ACMP311	Computer Applications in Accountancy	ACCC271 or ACCF211 and ACCF221	12
AGLE111	Introduction to Academic Literacy		12
AGLE121	Academic Literacy	AGLE111 (40%)	12
AUDT211	Auditing: The Auditor and the Audit Process	ACCC111, 121	16
AUDT221	Auditing: Applications and Computer Auditing	AUDT211 (40%)	16
AUDT371	Auditing: Audit Process and Company Law Applications	AUDT211, 221	16
BMAN111	Introduction to Business Management		12
BMAN121	General Management		12
BMAN211	Introduction to Marketing Management	BMAN121	12
BMAN218	Personal Financial Management		16

Module Code	Description	Pre-Requisite(s)	Credits
BMAN219	Entrepreneurship and Business Opportunities		16
BMAN221	Purchasing Management and Supply Chain Management	BMAN121	16
BMAN222	Creative Entrepreneurship		16
BMAN227	Entrepreneurship and Financial Aspects in SMME's	ACCS111, ACCS121	16
BMAN229	Investment and Financial Risk Management	BMAN221	16
BMAN311	Financial Management	BMAN121;ACCS111;ACCS121	16
BMAN313	Production and Operations Management	BMAN121, BMAN221	16
BMAN321	Strategic Management and Business Policy	BMAN311	16
BMAN326	Project Management		16
BMAR211	Services Marketing		16
BMAR212	Specialised Marketing	BMAN111, BMAN121	16
BMAR221	Consumer Behaviour		16
BMAR311	Product Decision		16
BMAR312	Pricing and Distribution Decisions		16
BMAR313	Strategic Marketing		16
BMAR321	Marketing Research		16
BMAR322	Integrated Marketing Communication		16
BMAR324	Advertising and Sales Promotions	BMAN211	16
BMAR325	Sales Management	BMAR221	16
BRMM221	Business Research Management	BMAN121	16
CFAM111	Introduction to Accounting		6
CFAM121	Introduction to Accounting	CFAM111 (40%)	6
CFDM111	Introduction to Public Administration		12
CFDM121	Introduction to Public Administration	CFDM111	12
CFMA111	Pre-Calculus I		12
CFMA121	Pre-Calculus II		12
DMTM317	Community Participation in Development Programmes and Projects		16
DMTM327	Environmental Development Management		16
DMTM328	International Development Management		16
ECAM221	Introduction to Economic Planning	ECON211 and ECON212	16
ECAM311	Planning Techniques	ECAM221	16
ECAM321	The Strategy of Planning	ECAM311	16
ECON111	Introduction to Economics		12
ECON121	Basic Micro- and Macroeconomics		12
ECON211	Macroeconomics	ECON111 and STFM111 or STFM112	16
ECON212	Macroeconomics Applications	ECON111 and STFM111 or STFM112	16
ECON221	Microeconomics	ECON211	16
ECON222	Microeconomics Applications	ECON211	16
ECON311	Fiscal and Monetary Policy	ECON211 and ECON221	16
ECON312	Public Policy Applications	ECON211 and ECON221	16



Module Code	Description	Pre-Requisite(s)	Credits
ECON321	Economic Analysis	ECON211 and ECON221	16
ECON322	Development Economics	ECON211 and ECON221	16
ECON323	International Economics	ECON211 and ECON221	16
ECON324	Quantitative Economics		16
FINM221	Financial Management: Introduction	ACCC121 or ACCF121, WISN112	16
FINM321	Financial Management: Decision-Making and Valuations	FINM221	16
HRMA111	Introduction to Human Resource Management		12
HRMA121	The Functions of Human Resource Management		12
HRMA211	Training and Development	HRMA111 and HRMA121	16
HRMA221	Performance Management and Rewards	HRMA111 and HRMA121	16
HRMA311	Employee Relations and Employment Legislation	HRMA211 and HRMA221	16
HRMA321	Strategic Human Resource Management	HRMA211 and HRMA221	16
IAUD211	Internal Auditing: Role of the Internal Auditor	ACCF111, ACCF121 or ACCC111, ACCC121	12
IAUD221	Internal Auditing: Planning of the Internal Audit Process	IAUD211(40%)	12
IAUD321	Internal Auditing: Fieldwork and Finalisation Phases of the Internal Audit Process	IAUD211, IAUD221 or AUDT211, AUDT221	12
INYM111	Introduction to Computers and Programming		12
INYM114	Computer Literacy for Human Sciences		12
INYM115	Computer Literacy for Natural Sciences		12
INYM121	Computer Applications and Packages		12
INYM122	Visual Programming	INYM111	12
INYM216	Object Oriented Programming	INYM122, INYM111	16
INYM217	Computer Organization and Architecture	INYM122, INYM111	16
INYM218	Systems Analysis and Design	INYM111	16
INYM219	Business Information Systems	INYM122, INYM111	16
INYM225	Electronic Business	INYM218, INYM111	16
INYM226	Introduction to Databases	INYM218	16
INYM228	Computer Systems and Networks	INYM111, INYM219	16
INYM229	Web Programming and System Software	INYM111, INYM122, INYM216	16
INYM313	Database Systems	INYM226 and INYM218	16
INYM314	Project Management for Information Systems	INYM218	16
INYM316	Computer Networks and Cryptology	INYM219, INYM229 & INYM227	16
INYM326	Business Wireless and Mobile Networking Systems	INYM316	16
INYM327	Management of Information Technology	INYM111, INYM216	16
INYM328	Information Systems Project	All level 1, II modules and level III 1 <sup>ST</sup> Semester Modules	16
INYM329	Artificial Intelligence	INYM226, INYM216, INYM122	16
IOPS111	Introduction to Industrial Psychology		12
IOPS121	Basic Concept of Organisational Behaviour		12

Module Code	Description	Pre-Requisite(s)	Credits
IOPS212	Consumer Psychology	IOPS111 and IOPS121	16
IOPS221	Career Psychology		16
IOPS311	Organisational Psychology		16
IOPS321	Psychometrics and Research Methodology		16
ITRW112	Introduction to Programming		12
ITRW123	Graphical Interface Programming I	ITRW112	12
ITRW211	Graphical Interface Programming II	ITRW123	8
ITRW213	Systems Analysis I	ITRW123	16
ITRW225	Systems Analysis and Design II	ITRW213	16
ITRW311	Databases I	ITRW225	16
ITRW321	Databases II	ITRW311	16
KCOM226	Effective Communication		12
LMNM211	Introduction to Logistics		16
LMNM221	Introduction to Logistics Activities		16
LMNM311	Models for Logistics Decision Support		16
LMNM312	Logistics Strategies and Customer Service		16
LMNM321	Logistics Business Systems		16
LMNM322	International Logistics		16
LGAM115	Introduction to Local Government and Administration		12
LGAM216	Local Economic Development	LGAM115	16
LGAM227	Developmental Local Government	LGAM115	16
LGAM228	Municipal Service4 Partnerships	LGAM115	16
LGAM317	Governance and Ethics	LGAM227	16
LGAM318	Financial Management in Local Government	LGAM228	16
LGAM327	Housing Policy and Management	LGAM216;LGAM227;LGAM228	16
LGAM328	Comparative Local Government Administration	LGAM216;LGAM227;LGAM228	16
MACC211	Management Accounting: Costing Concepts, Elements and Systems	ACCF111, ACCF121 or ACCC111, ACCC121	16
MACC221	Management Accounting: Cost/Costing Behaviour and Decision-Making Techniques	MACC211 (40%)	16
MACC311	Management Accounting: Planning and Control	MACC211, MACC221	16
MLAW111	Introduction to Contracts and Business Law		12
MLAW121	Mercantile Law: Business Forms		12
MLAW211	Mercantile Law: Advanced Mercantile Law	MLAW121	12
MCLM113	Contract		12
MCLM121	Special Contracts		12
MCLM123	Labour Law		12
PAYM117	Principles and the Practice of Public Administration		12
PAYM118	Introduction to Public Administration		12
PAYM126	Public Management		12
PAYM128	Organization of Government and Administration		12
PAYM211	Public Financial Resource Management	PAYM118, PAYM128	16

Module Code	Description	Pre-Requisite(s)	Credits
PAYM212	Development Management	PAYM118, PAYM128	16
PAYM221	Public Human Resource Management	PAYM118, PAYM 128	16
PAYM222	Developmental Local Government and Administration	PAYM118, PAYM 128	16
PAYM311	Organisational and Administrative Theories	PAYM211, PAYM221	16
PAYM312	Research Methods in Public Administration	PAYM211, PAYM221	16
PAYM321	Governmental Policy Analysis	PAYM211, PAYM221	16
PAYM322	Comparative and International Administration	PAYM211, PAYM221	16
PETH211	Professional Ethics for Accountants		12
PSDT111	Professional Skills Development		12
SFSM111	Success Strategies & Production Skills		12
SFSM121	Receptive Skills		12
STFM111	Introduction to Statistics	Mathematics Level 4	12
STFM112	Basic Statistics	Basic Mathematics	12
STFM113/ WISK115	Mathematical Techniques	Matric Mathematics SG	12
STFM121	Inferential Statistics and Operations Research	STFM111	12
STFM122	Introduction to Financial Mathematics	Basic Mathematics	12
STFM123/ STTK122/ WISK123	Introduction to Business Statistics	Basic Mathematics	16
STFM125	Introduction to Mathematical Statistics	Matric Mathematics HG	12
STFM211	Distribution Theory with Simulation	STFM121	8
STFM212	Statistical Inferences with Non-Parametrics	STFM121	8
STFM221	Experimental Design & Survey Sampling	STFM111 and STFM121	8
STFM222	Categorical Data Analysis	STFM111 and STFM121	8
STFM223	Statistical Computing	STFM111 and STFM121	8
STFM311	Regression Analysis & Multivariate Techniques	STFM211 and STFM212	16
STFM312	Time Series Analysis	STFM211 and STFM212	16
STFM321	Econometrics Methods	STFM311	16
STFM322	Forecasting Methods	STFM311 and STFM312	16
STOM211	Introduction to Operations Research	STFM121	12
STOM222	Network Analysis	STOM211	12
STOM311	Dynamic Programming and Game Theory	STOM221	16
STOM312	Inventory Control & Production Planning and Scheduling	STOM221	16
STOM321	Decision Theory and Reliability Theory	STOM311 and STOM312	16
STOM322	Stochastic Processes	STOM311 and STOM312	16
STRA321	Strategic Management		12
STTN122	Introduction to Descriptive Statistics	Mathematics Level 4	16
TAXC211	Introduction to Income Tax and VAT	ACCC111, ACCC121	12
TAXC221	Introduction to Taxation of Individuals and Administration of Estates	TAXC211 (40%)	12
TAXC371	Tax Applications	ACCC271 & TAXC221 (40%)	32
TAXF211	Introduction to Taxation of Companies	ACCF111, ACCF121 or	12

Module Code	Description	Pre-Requisite(s)	Credits
		ACCC111, ACCC121	
TAXF221	Introduction to Taxation of Individuals	TAXF211 (40%)	12
TAXF311	Taxation of Individuals and Businesses	ACCF211,221 or ACCC271, TAXF221 or TAXC221	16
TAXF321	Taxation: Taxation of Companies, Trusts, Farming and other	TAXF311 (40%)	16
TECM111	Introduction to Transport Economics		12
TECM121	Road Freight Transport		12
TECM211	Rail Transport Studies		8
TECM212	Public Passenger Transport Studies		8
TECM221	Aviation Studies		8
TECM222	Maritime Transport Studies		8
TECM313	Transportation Planning		16
TECM323	Transportation Policy Formulation and Analysis		16
WISN112	Advanced Mathematical Techniques	Mathematics Level 4	12
WVES221	Understanding the Economic World		
WVES311	Business Ethics	WVES221	

#### 5.10 Modules offered by other Faculties

Module Code	Description	Pre-Requisite(s)	Credits
AGLE111	Introduction to Academic Literacy		12
AGLE121	Academic Literacy	AGLE111	12
KCOM226	Effective Communication		12
MLAW111	Introduction to Contracts and Business Law		12
MLAW121	Mercantile Law: Business Forms		12
MLAW211	Mercantile Law: Advanced Mercantile Law	MLAW121	12
MCLM113	Contract		12
MCLM121	Special Contracts		12
MCLM123	Labour Law		12
SFSM111	Success Strategies & Production Skills		12
SFSM121	Receptive Skills		12
CFMA111	Pre-Calculus I		12
CFMA121	Pre-Calculus II		12

## 6 CURRICULA OF THE DEGREES BACHELOR OF COMMERCE (B.COM) AND BACHELOR OF ADMINISTRATION (B.ADMIN)

### 6.1 Outcomes of a B.Com and B.Admin Degrees

The general outcomes of the B.Com and B.Admin qualifications are the following:

- a) Empowering students with graduate knowledge of concepts, structures, models, theories, principles, skills, research methodologies and applied competence enabling them to pursue rewarding careers in the changing economic and business environment of the new millennium.
- b) Providing South Africa with graduates who are competent in one or more of the following specialisation fields: Economics, Business Management, Accounting, Information Technology, Human Resource Management, Statistics and Public Administration.
- c) Assisting and enabling the student to develop his/her intellectual and moral capacity to understand the economic, business and public sector environment.
- d) To think critically and innovatively and to lay the foundations for further specialisation.

In addition to the general outcomes of these qualifications, their contents are structured in such a way that specific exit levels (including the critical outcomes) can be attained. A B.Com or B.Admin graduate will be able to:

- a) demonstrate a thorough knowledge of and insight into the economic, business and public sector environments and to solve problems that arise from these environments in the context of other disciplines;
- b) identify and solve convergent and divergent problems in a creative and critical manner on the strength of his/her multidisciplinary knowledge of concepts, structures, models, theories, principles and research methods;
- c) act effectively both as an individual and in the context of a team and organisation in view of creating the opportunity to develop as a leader in a multidisciplinary environment;
- d) organise and manage his/her activities with self-discipline, integrity and commitment in a responsible and effective manner, in order to reach the required goals;
- e) collect, analyse, organise, critically evaluate and apply knowledge gained;
- f) exploit and communicate information effectively by utilising appropriate information technology;
- g) practise lifelong learning by establishing an active interest in the dynamics of the economic, business or public sector environment;
- h) demonstrate an understanding of the need to sustain competence and healthy practices in order to keep ahead of the changing environment, of new methods, techniques and competing challenges;
- i) critically evaluate views of life;
- j) develop respect for the value system of this University;
- k) act as a responsible citizen at local, national and international level;
- l) be sensitive to the socio-economic needs of our heterogenic and multicultural communities and of the world in general; and
- m) exploit educational and career opportunities.

## 7 CURRICULA OF PROGRAMMES IN THE DIFFERENT SCHOOLS

Please note: Core Modules (major subjects) are indicated by an "H" next to it

### 7.1 School of Accounting

#### 7.1.1 B.Com Chartered Accountancy (500155)

Prescribed Curriculum (E371M)

*(This curriculum started in 2012)*

YEAR LEVEL 1		YEAR LEVEL 2		YEAR LEVEL 3	
First Semester		First Semester		First Semester	
Module Code	Credits	Module Code	Credits	Module Code	Credits
ACCC111 (H)	16	AUDT211 (H)	12	ACMP311	12
BMAN111	12	MACC211 (H)	16	MACC311 (H)	16
ECON111	12	MLAW211	12		
MLAW111	12	PETH211	12		
PSDT111	12	TAXC211 (H)	12		
WISN112	12				
<b>Total 1<sup>st</sup> Semester</b>	<b>76</b>	<b>Total 1<sup>st</sup> Semester</b>	<b>64</b>	<b>Total 1<sup>st</sup> Semester</b>	<b>28</b>
YEAR LEVEL 1		YEAR LEVEL 2		YEAR LEVEL 3	
Second Semester		Second Semester		Second Semester	
Module Code	Credits	Module Code	Credits	Module Code	Credits
ACCC121 (H)	16	AUDT221 (H)	12	FINM321 (H)	16
AGLE121	12	FINM221 (H)	16	STRA321	12
BMAN121	12	MACC221 (H)	16		
ECON121	12	TAXC221 (H)	12		
MLAW121	12				
STTN122	12				
<b>Total 2<sup>nd</sup> Semester</b>	<b>76</b>	<b>Total 2<sup>nd</sup> Semester</b>	<b>56</b>	<b>Total 2<sup>nd</sup> Semester</b>	<b>28</b>
		YEAR MODULE		YEAR MODULE	
		ACCC271 (H)	32	ACCC371 (H)	32
				AUDT371 (H)	24
				TAXC371 (H)	32
		<b>Total Year Module</b>	<b>32</b>	<b>Total Year Module</b>	<b>88</b>
<b>Total Year Level 1</b>	<b>152</b>	<b>Total Year Level 2</b>	<b>152</b>	<b>Total Year Level 3</b>	<b>144</b>
<b>Total Credits for the Curriculum</b>					<b>448</b>

*Students who registered as first years in 2010/11 are informed that due to changed requirements of Professional Bodies, the second and third year of this programme were changed in 2012.*

7.1.2 B.Com Financial Accountancy (500156)

Prescribed Curriculum (E372M)

(This curriculum started in 2012)

YEAR LEVEL 1		YEAR LEVEL 2		YEAR LEVEL 3	
First Semester		First Semester		First Semester	
Module Code	Credits	Module Code	Credits	Module Code	Credits
ACCF111 (H)	16	ACCF211 (H)	16	ACCF311 (H)	16
BMAN111	12	IAUD211 (H)	12	ACMP311	12
ECON111	12	MACC211 (H)	16	MACC311 (H)	16
MLAW111	12	MLAW211	12	TAXF311 (H)	16
PSDT111	12	TAXF211 (H)	12	WVES311	12
WISN112	12				
<b>Total 1<sup>st</sup> Semester</b>	<b>76</b>	<b>Total 1<sup>st</sup> Semester</b>	<b>68</b>	<b>Total 1<sup>st</sup> Semester</b>	<b>72</b>
YEAR LEVEL 1		YEAR LEVEL 2		YEAR LEVEL 3	
Second Semester		Second Semester		Second Semester	
Module Code	Credits	Module Code	Credits	Module Code	Credits
ACCF121 (H)	16	ACCF221 (H)	16	ACCF321 (H)	16
AGLE121	12	FINM221 (H)	16	FINM321 (H)	16
BMAN121	12	IAUD221 (H)	12	IAUD321 (H)	16
ECON121	12	MACC221 (H)	16	TAXF321 (H)	16
MLAW121	12	TAXF221(H)	12		
STTN122	12	WVES221	12		
<b>Total 2<sup>nd</sup> Semester</b>	<b>76</b>	<b>Total 2<sup>nd</sup> Semester</b>	<b>84</b>	<b>Total 2<sup>nd</sup> Semester</b>	<b>64</b>
<b>Total Year Level 1</b>	<b>152</b>	<b>Total Year Level 2</b>	<b>152</b>	<b>Total Year Level 3</b>	<b>136</b>
<b>Total Credits for the Curriculum</b>					<b>440</b>

*Students who registered as first years in 2010/11 are informed that due to changed requirements of Professional Bodies, the second and third year of this programme were changed in 2012.*

7.1.3 B.Com Accounting and Informatics (500162)

Prescribed Curriculum (E374M)

(This curriculum started in 2012)

YEAR LEVEL 1		YEAR LEVEL 2		YEAR LEVEL 3	
First Semester		First Semester		First Semester	
Module Code	Credits	Module Code	Credits	Module Code	Credits
ACCF111 (H)	16	ACCF211 (H)	16	ACCF311 (H)	16
BMAN111	12	ITRW211 (H)	8	ITRW311 (H)	16
ECON111	12	ITRW213 (H)	16	MACC311 (H)	16
ITRW112 (H)	12	MACC211 (H)	16	TAXF311 (H)	16
PSDT111	12	TAXF211 (H)	12	WVES311	12
WISN112	12				
<b>Total 1<sup>st</sup> Semester</b>	<b>76</b>	<b>Total 1<sup>st</sup> Semester</b>	<b>68</b>	<b>Total 1<sup>st</sup> Semester</b>	<b>76</b>
YEAR LEVEL 1		YEAR LEVEL 2		YEAR LEVEL 3	
Second Semester		Second Semester		Second Semester	
Module Code	Credits	Module Code	Credits	Module Code	Credits
ACCF121 (H)	16	ACCF221 (H)	16	ACCF321 (H)	16
AGLE121	12	FIN221 (H)	16	FINM321 (H)	16
BMAN121	12	ITRW225 (H)	16	ITRW321 (H)	16
ECON121	12	MACC221 (H)	16	TAXF321 (H)	16
ITRW123 (H)	12	TAXF221 (H)	12		
STTN122	12	WVES221	12		
<b>Total 2<sup>nd</sup> Semester</b>	<b>76</b>	<b>Total 2<sup>nd</sup> Semester</b>	<b>88</b>	<b>Total 2<sup>nd</sup> Semester</b>	<b>64</b>
<b>Total Year Level 1</b>	<b>152</b>	<b>Total Year Level 2</b>	<b>156</b>	<b>Total Year Level 3</b>	<b>140</b>
<b>Total Credits for the Curriculum</b>					<b>448</b>

*Students who registered as first years in 2010/11 are informed that due to changed requirements of Professional Bodies, the second and third year of this programme were changed in 2012.*



## 7.2 School of Economic and Decision Sciences

### 7.2.1 B.Com: Economics (500192)

Prescribed Curriculum (E301M)

YEAR LEVEL 1		YEAR LEVEL 2		YEAR LEVEL 3	
First Semester		First Semester		First Semester	
Module Code	Credits	Module Code	Credits	Module Code	Credits
ECON111	12	ECON211	16	BMAN313	16
ACCS111	16	ECON212	16	WVES311	12
INYM111	12	BMAN211	16	ECON311	16
BMAN111	12	BMAN219	16	<b>Select one:</b>	
STFM111	12			ECAM311	16
				ECON312	16
				BMAN319	16
<b>Total 1<sup>st</sup> Semester</b>	<b>64</b>	<b>Total 1<sup>st</sup> Semester</b>	<b>64</b>	<b>Total 1<sup>st</sup> Semester</b>	<b>60</b>
YEAR LEVEL 1		YEAR LEVEL 2		YEAR LEVEL 3	
Second Semester		Second Semester		Second Semester	
Module Code	Credits	Module Code	Credits	Module Code	Credits
ECON121	12	ECON221	16	BMAN321	16
ACCS121	16	BMAN221	16	ECON321	16
BMAN121	12	WVES221	12	ECON322	16
STFM121	12	<b>Select one:</b>		<b>Select one:</b>	
AGLE121	12	ECON222	16	ECAM321	16
		ECAM221	16	ECON323	16
				ECON324	16
				BMAN326	16
<b>Total 2<sup>nd</sup> Semester</b>	<b>64</b>	<b>Total 2<sup>nd</sup> Semester</b>	<b>60</b>	<b>Total 2<sup>nd</sup> Semester</b>	<b>64</b>
<b>Total Year Level 1</b>	<b>128</b>	<b>Total Year Level 2</b>	<b>124</b>	<b>Total Year Level 3</b>	<b>124</b>
<b>Total Credits for the Curriculum</b>					<b>376</b>

7.2.2 B.Com: Information Systems (500196)

Prescribed Curriculum (E301M) Total Credits 404

YEAR LEVEL 1		YEAR LEVEL 2		YEAR LEVEL 3	
First Semester		First Semester		First Semester	
Module Code	Credits	Module Code	Credits	Module Code	Credits
ACCS111	16	INYM216	16	INYM314	16
ECON111	12	INYM217	16	INYM313	16
INYM111	12	INYM218	16	INYM316	16
BMAN111	12	INYM219	16	WVES311	12
STFM111	12				
<b>Total 1<sup>st</sup> Semester</b>	<b>64</b>	<b>Total 1<sup>st</sup> Semester</b>	<b>64</b>	<b>Total 1<sup>st</sup> Semester</b>	<b>60</b>
YEAR LEVEL 1		YEAR LEVEL 2		YEAR LEVEL 3	
Second Semester		Second Semester		Second Semester	
Module Code	Credits	Module Code	Credits	Module Code	Credits
ACCS121	16	INYM225	16	INYM327	16
ECON121	12	INYM226	16	INYM328	16
INYM122	12	INYM227	16	INYM326	16
BMAN121	12	INYM229	16	INYM329	16
STFM125	12	WVES221	12		
AGLE121	12				
<b>Total 2<sup>nd</sup> Semester</b>	<b>76</b>	<b>Total 2<sup>nd</sup> Semester</b>	<b>76</b>	<b>Total 2<sup>nd</sup> Semester</b>	<b>64</b>
<b>Total Year Level 1</b>	<b>140</b>	<b>Total Year Level 2</b>	<b>140</b>	<b>Total Year Level 3</b>	<b>124</b>
<b>Total Credits for the Curriculum</b>					<b>404</b>

7.2.3 B.Com: Operations Research (500199)

Prescribed Curriculum (E301M)

YEAR LEVEL 1		YEAR LEVEL 2		YEAR LEVEL 3	
First Semester		First Semester		First Semester	
Module Code	Credits	Module Code	Credits	Module Code	Credits
ACCS111	16	BMAN211	16	BMAN311	16
ECON111	12	STOM211	12	BMAN313	16
INYM111	12	STFM211	8	STOM311	16
BMAN111	12	STFM212	8	STOM312	16
STFM111	12			WVES311	12
<b>Total 1<sup>st</sup> Semester</b>	<b>64</b>	<b>Total 1<sup>st</sup> Semester</b>	<b>44</b>	<b>Total 1<sup>st</sup> Semester</b>	<b>76</b>
YEAR LEVEL 1		YEAR LEVEL 2		YEAR LEVEL 3	
Second Semester		Second Semester		Second Semester	
Module Code	Credits	Module Code	Credits	Module Code	Credits
ACCS121	16	BMAN221	16	BMAN321	16
ECON121	12	BMAN229	16	BMAN326	16
AGLE121	12	STOM222	12	STOM321	16
BMAN121	12	STFM223	8	STOM322	16
STFM125	12	WVES221	12		
<b>Total 2<sup>nd</sup> Semester</b>	<b>64</b>	<b>Total 2<sup>nd</sup> Semester</b>	<b>64</b>	<b>Total 2<sup>nd</sup> Semester</b>	<b>64</b>
<b>Total Year Level 1</b>	<b>128</b>	<b>Total Year Level 2</b>	<b>108</b>	<b>Total Year Level 3</b>	<b>140</b>
<b>Total Credits for the Curriculum</b>					<b>376</b>

7.2.4 B.Com: Statistics (500198)

Prescribed Curriculum (E301M) Total Credits 396

YEAR LEVEL 1		YEAR LEVEL 2		YEAR LEVEL 3	
First Semester		First Semester		First Semester	
Module Code	Credits	Module Code	Credits	Module Code	Credits
ECON111	12	ECON211	16	ECON311	16
ACCS111	16	STFM211	8	ECON312	16
INYM111	12	STFM212	8	STFM311	16
BMAN111	12	STOM211	12	STFM312	16
STFM111	12			WVES311	12
<b>Total 1<sup>st</sup> Semester</b>	<b>64</b>	<b>Total 1<sup>st</sup> Semester</b>	<b>44</b>	<b>Total 1<sup>st</sup> Semester</b>	<b>76</b>
YEAR LEVEL 1		YEAR LEVEL 2		YEAR LEVEL 3	
Second Semester		Second Semester		Second Semester	
Module Code	Credits	Module Code	Credits	Module Code	Credits
ECON121	12	ECON221	16	ECON321	16
ACCS121	16	STFM221	8	ECON322	16
AGLE121	12	STFM222	8	STFM321	16
BMAN121	12	STOM222	12	STFM322	16
STFM125	12	STFM223	8		
		WVES221	12		
<b>Total 2<sup>nd</sup> Semester</b>	<b>64</b>	<b>Total 2<sup>nd</sup> Semester</b>	<b>64</b>	<b>Total 2<sup>nd</sup> Semester</b>	<b>64</b>
<b>Total Year Level 1</b>	<b>128</b>	<b>Total Year Level 2</b>	<b>108</b>	<b>Total Year Level 3</b>	<b>140</b>
<b>Total Credits for the Curriculum</b>					<b>376</b>

7.2.5 B.Com: Transport Economics (500194)

Prescribed Curriculum (E301M)

YEAR LEVEL 1		YEAR LEVEL 2		YEAR LEVEL 3	
First Semester		First Semester		First Semester	
Module Code	Credits	Module Code	Credits	Module Code	Credits
TECM111	12	ECON211	16	TECM313	16
ACCS111	16	TECM211	8	WVES311	12
INYM111	12	TECM212	8		
BMAN111	12	<b>Select two:</b>		<b>Select two:</b>	
STFM111	12	STFM212	8	ECON311	16
ECON111	12	LMNM211	16	LMNM311	16
		BMAN211	16	LMNM312	16
<b>Total 1<sup>st</sup> Semester</b>	<b>76</b>	<b>Total 1<sup>st</sup> Semester</b>	<b>60</b>	<b>Total 1<sup>st</sup> Semester</b>	<b>60</b>
YEAR LEVEL 1		YEAR LEVEL 2		YEAR LEVEL 3	
Second Semester		Second Semester		Second Semester	
Module Code	Credits	Module Code	Credits	Module Code	Credits
ECON121	12	TECM221	8	TECM323	16
ACCS121	16	TECM222	8		
BMAN121	12	ECON221	16	<b>Select three:</b>	
STFM121	12	WVES221	12	LMNM322	16
TECM121	12	<b>Select one:</b>		ECON321	16
AGLE121	12			LMNM321	16
		STOM222	12	BMAN326	16
		LMNM221	16		
<b>Total 2<sup>nd</sup> Semester</b>	<b>76</b>	<b>Total 2<sup>nd</sup> Semester</b>	<b>60</b>	<b>Total 2<sup>nd</sup> Semester</b>	<b>64</b>
<b>Total Year Level 1</b>	<b>152</b>	<b>Total Year Level 2</b>	<b>124</b>	<b>Total Year Level 3</b>	<b>124</b>
<b>Total Credits for the Curriculum</b>					<b>400</b>

7.2.6 B.Com: Logistics Management (500193)

Prescribed Curriculum (E301M)

YEAR LEVEL 1		YEAR LEVEL 2		YEAR LEVEL 3	
First Semester		First Semester		First Semester	
Module Code	Credits	Module Code	Credits	Module Code	Credits
TECM111	12	LMNM211	16	WVES311	12
ACCS111	16	BMAN211	16	LMNM311	16
INYM111	12	TECM211	8	LMNM312	16
BMAN111	12	TECM212	8	<b>Select one:</b>	
STFM111	12	<b>Select one:</b>		TECM313	16
ECON111	12	ECON211	16	BMAN311	16
		STFM212	8	BMAN313	16
		BMAN219	16		
<b>Total 1<sup>st</sup> Semester</b>	<b>76</b>	<b>Total 1<sup>st</sup> Semester</b>	<b>64</b>	<b>Total 1<sup>st</sup> Semester</b>	<b>60</b>
YEAR LEVEL 1		YEAR LEVEL 2		YEAR LEVEL 3	
Second Semester		Second Semester		Second Semester	
Module Code	Credits	Module Code	Credits	Module Code	Credits
ECON121	12	LMNM221	16	LMNM321	16
ACCS121	16	TECM221	8	LMNM322	16
BMAN121	12	TECM222	8		
STFM121	12	WVES221	12		
TECM121	12	<b>Select one:</b>		<b>Select two:</b>	
AGLE121	12	STOM222	12	TECM323	16
		ECON221	16	BMAN321	16
		BMAN221	16	BMAN326	16
<b>Total 2<sup>nd</sup> Semester</b>	<b>76</b>	<b>Total 2<sup>nd</sup> Semester</b>	<b>60</b>	<b>Total 2<sup>nd</sup> Semester</b>	<b>64</b>
<b>Total Year Level 1</b>	<b>152</b>	<b>Total Year Level 2</b>	<b>124</b>	<b>Total Year Level 3</b>	<b>124</b>
<b>Total Credits for the Curriculum</b>					<b>400</b>

### 7.3 School of Management Sciences

#### 7.3.1 B.Com: Human Resource Management & Industrial Psychology (500195)

Prescribed Curriculum (E301M)

YEAR LEVEL 1		YEAR LEVEL 2		YEAR LEVEL 3	
First Semester		First Semester		First Semester	
Module Code	Credits	Module Code	Credits	Module Code	Credits
IOPS111	12	IOPS212	16	IOPS311	16
HRMA111	12	HRMA211	16	HRMA311	16
BMAN111	12	BMAN219 or BMAR211	16	BMAN313	16
ECON111	12	STFM111	12	WVES311	12
ACCS111	16				
<b>Total 1<sup>st</sup> Semester</b>	<b>64</b>	<b>Total 1<sup>st</sup> Semester</b>	<b>60</b>	<b>Total 1<sup>st</sup> Semester</b>	<b>60</b>
YEAR LEVEL 1		YEAR LEVEL 2		YEAR LEVEL 3	
Second Semester		Second Semester		Second Semester	
Module Code	Credits	Module Code	Credits	Module Code	Credits
IOPS121	12	IOPS221	16	IOPS321	16
HRMA121	12	HRMA221	16	HRMA321	16
BMAN121	12	BMAN227 or BMAN221	16	BMAN326	16
ECON121	12	STFM121	12	BMAN321	16
AGLE121	12	WVES221	12		
ACCS121	16				
<b>Total 2<sup>nd</sup> Semester</b>	<b>76</b>	<b>Total 2<sup>nd</sup> Semester</b>	<b>72</b>	<b>Total 2<sup>nd</sup> Semester</b>	<b>64</b>
<b>Total Year Level 1</b>	<b>140</b>	<b>Total Year Level 2</b>	<b>132</b>	<b>Total Year Level 3</b>	<b>124</b>
<b>Total Credits for the Curriculum</b>					<b>396</b>

7.3.2 B.Com: Management (500197)

Prescribed Curriculum (E301M)

YEAR LEVEL 1		YEAR LEVEL 2		YEAR LEVEL 3	
First Semester		First Semester		First Semester	
Module Code	Credits	Module Code	Credits	Module Code	Credits
BMAN111	12	BMAN211	16	BMAN311	16
ACCS111	16	BMAN219	16	BMAN313	16
INYM111	12	MCLM113	12	BMAN218	16
ECON111	12	HRMA111	12	WVES311	12
STFM111	12				
<b>Total 1<sup>st</sup> Semester</b>	<b>64</b>	<b>Total 1<sup>st</sup> Semester</b>	<b>56</b>	<b>Total 1<sup>st</sup> Semester</b>	<b>60</b>
YEAR LEVEL 1		YEAR LEVEL 2		YEAR LEVEL 3	
Second Semester		Second Semester		Second Semester	
Module Code	Credits	Module Code	Credits	Module Code	Credits
BMAN121	12	BMAN221	16	BMAN326	16
ACCS121	16	BMAN229	16	BMAN321	16
INYM121	12	MCLM121	12	HRMA221	16
ECON121	12	HRMA121	12	BMAR321	16
STFM121	12	WVES221	12		
AGLE121	12				
<b>Total 2<sup>nd</sup> Semester</b>	<b>76</b>	<b>Total 2<sup>nd</sup> Semester</b>	<b>68</b>	<b>Total 2<sup>nd</sup> Semester</b>	<b>64</b>
<b>Total Year Level 1</b>	<b>140</b>	<b>Total Year Level 2</b>	<b>124</b>	<b>Total Year Level 3</b>	<b>124</b>
<b>Total Credits for the Curriculum</b>					<b>388</b>



### 7.3.3 B.Com: Marketing Management (500203)

Prescribed Curriculum (E354M)

YEAR LEVEL 1		YEAR LEVEL 2		YEAR LEVEL 3	
First Semester		First Semester		First Semester	
Module Code	Credits	Module Code	Credits	Module Code	Credits
BMAN111	12	BMAN211	16	BMAN311	16
ACCS111	16	BMAN219	16	BMAR311	16
INYM111	12	BMAR211	16	BMAR312	16
ECON111	12	BMAR212	16	BMAR313	16
STFM111	12	MCLM113	12	WVES311	12
<b>Total 1<sup>st</sup> Semester</b>	<b>64</b>	<b>Total 1<sup>st</sup> Semester</b>	<b>76</b>	<b>Total 1<sup>st</sup> Semester</b>	<b>76</b>
YEAR LEVEL 1		YEAR LEVEL 2		YEAR LEVEL 3	
Second Semester		Second Semester		Second Semester	
Module Code	Credits	Module Code	Credits	Module Code	Credits
BMAN121	12	BMAN221	16	BMAR321	16
ACCS121	16	ECON221	16	BMAR322	16
INYM121	12	MCLM121	12	BMAR323	16
ECON121	12	BMAR221	16	BMAR324	16
STFM121	12	WVES221	12	BMAR325	16
AGLE121	12				
<b>Total 2<sup>nd</sup> Semester</b>	<b>76</b>	<b>Total 2<sup>nd</sup> Semester</b>	<b>72</b>	<b>Total 2<sup>nd</sup> Semester</b>	<b>80</b>
<b>Total Year Level 1</b>	<b>140</b>	<b>Total Year Level 2</b>	<b>148</b>	<b>Total Year Level 3</b>	<b>156</b>
<b>Total Credits for the Curriculum</b>					<b>444</b>

7.3.4 B.Admin: Economics (545107)

Prescribed Curriculum (E301M)

YEAR LEVEL 1		YEAR LEVEL 2		YEAR LEVEL 3	
First Semester		First Semester		First Semester	
Module Code	Credits	Module Code	Credits	Module Code	Credits
ECON111	12	PAYM211	16	ECON312	16
INYM111	12	ECON211	16	PAYM311	16
PAYM118	12	ECON212	16	PAYM312	16
ACCS111	16	PAYM212	16	ECON311	16
STFM111	12			WVES311	12
<b>Total 1<sup>st</sup> Semester</b>	<b>64</b>	<b>Total 1<sup>st</sup> Semester</b>	<b>64</b>	<b>Total 1<sup>st</sup> Semester</b>	<b>76</b>
YEAR LEVEL 1		YEAR LEVEL 2		YEAR LEVEL 3	
Second Semester		Second Semester		Second Semester	
Module Code	Credits	Module Code	Credits	Module Code	Credits
ECON121	12	PAYM221	16	ECON321	16
AGLE121	12	ECON221	16	PAYM321	16
PAYM128	12	ECON222	16	PAYM322	16
ACCS121	16	PAYM222	16	ECON322	16
STFM121	12	WVES221	12		
<b>Total 2<sup>nd</sup> Semester</b>	<b>64</b>	<b>Total 2<sup>nd</sup> Semester</b>	<b>76</b>	<b>Total 2<sup>nd</sup> Semester</b>	<b>64</b>
<b>Total Year Level 1</b>	<b>128</b>	<b>Total Year Level 2</b>	<b>140</b>	<b>Total Year Level 3</b>	<b>140</b>
<b>Total Credits for the Curriculum</b>					<b>408</b>

7.3.5 B.Admin: Human Resource Management (545108)

Prescribed Curriculum (E301M)

YEAR LEVEL 1		YEAR LEVEL 2		YEAR LEVEL 3	
First Semester		First Semester		First Semester	
Module Code	Credits	Module Code	Credits	Module Code	Credits
ECON111	12	HRMA211	16	HRMA311	16
HRMA111	12	IOPS212	16	IOPS311	16
IOPS111	12	PAYM211	16	PAYM311	16
BMAN111	12	STFM111	12	WVES311	12
PAYM118	12				
				<b>Select one:</b>	
				PPLM313	16
				PAYM312	16
<b>Total 1<sup>st</sup> Semester</b>	<b>60</b>	<b>Total 1<sup>st</sup> Semester</b>	<b>60</b>	<b>Total 1<sup>st</sup> Semester</b>	<b>76</b>
YEAR LEVEL 1		YEAR LEVEL 2		YEAR LEVEL 3	
Second Semester		Second Semester		Second Semester	
Module Code	Credits	Module Code	Credits	Module Code	Credits
ECON121	12	HRMA221	16	HRMA321	16
HRMA121	12	IOPS221	16	PAYM321	16
IOPS121	12	PAYM221	16	MCLM123	12
BMAN121	12	STFM122	12		
PAYM128	12	WVES221	12		
AGLE121	12			<b>Select one:</b>	
				PPLM322	16
				PAYM322	16
<b>Total 2<sup>nd</sup> Semester</b>	<b>72</b>	<b>Total 2<sup>nd</sup> Semester</b>	<b>72</b>	<b>Total 2<sup>nd</sup> Semester</b>	<b>60</b>
<b>Total Year Level 1</b>	<b>132</b>	<b>Total Year Level 2</b>	<b>132</b>	<b>Total Year Level 3</b>	<b>136</b>
<b>Total Credits for the Curriculum</b>					<b>400</b>

7.3.6 B.Admin: Local Government/Development Management (545109)

Prescribed Curriculum (E301M)

YEAR LEVEL 1		YEAR LEVEL 2		YEAR LEVEL 3	
First Semester		First Semester		First Semester	
Module Code	Credits	Module Code	Credits	Module Code	Credits
ACCS111	16	PAYM211	16	DMTM317	16
ECON111	12	PAYM212	16	LGAM317	16
INYM111	12	LGAM216	16	LGAM318	16
LGAM115	12	BMAN111	12	BMAN211	16
PAYM118	12			WVES311	12
STFM112	12				
<b>Total 1<sup>st</sup> Semester</b>	<b>76</b>	<b>Total 1<sup>st</sup> Semester</b>	<b>60</b>	<b>Total 1<sup>st</sup> Semester</b>	<b>76</b>
YEAR LEVEL 1		YEAR LEVEL 2		YEAR LEVEL 3	
Second Semester		Second Semester		Second Semester	
Module Code	Credits	Module Code	Credits	Module Code	Credits
ACCS121	16	PAYM221	16	DMTM327	16
ECON121	12	BMAN121	12	DMTM328	16
INYM121	12	LGAM227	16	LGAM327	16
PAYM128	12	LGAM228	16	LGAM328	16
STFM122	12	WVES221	12		
AGLE121	12				
<b>Total 2<sup>nd</sup> Semester</b>	<b>76</b>	<b>Total 2<sup>nd</sup> Semester</b>	<b>72</b>	<b>Total 2<sup>nd</sup> Semester</b>	<b>64</b>
<b>Total Year Level 1</b>	<b>152</b>	<b>Total Year Level 2</b>	<b>132</b>	<b>Total Year Level 3</b>	<b>140</b>
<b>Total Credits for the Curriculum</b>					<b>424</b>

7.3.7 B.Admin: Industrial Psychology (545110)

Prescribed Curriculum (E301M)

YEAR LEVEL 1		YEAR LEVEL 2		YEAR LEVEL 3	
First Semester		First Semester		First Semester	
Module Code	Credits	Module Code	Credits	Module Code	Credits
IOPS111	12	IOPS212	16	IOPS311	16
HRMA111	12	HRMA211	16	HRMA311	16
STFM111	12	PAYM211	16	PAYM311	16
BMAN111	12	INYM111	12	WVES311	12
PAYM118	12				
<b>Total 1<sup>st</sup> Semester</b>	<b>60</b>	<b>Total 1<sup>st</sup> Semester</b>	<b>60</b>	<b>Total 1<sup>st</sup> Semester</b>	<b>60</b>
YEAR LEVEL 1		YEAR LEVEL 2		YEAR LEVEL 3	
Second Semester		Second Semester		Second Semester	
Module Code	Credits	Module Code	Credits	Module Code	Credits
IOPS121	12	IOPS221	16	IOPS321	16
HRMA121	12	HRMA221	16	HRMA321	16
STFM121	12	PAYM221	16	PAYM321	16
BMAN121	12	WVES221	12	PPLM322	16
PAYM128	12				
AGLE121	12				
<b>Total 2<sup>nd</sup> Semester</b>	<b>72</b>	<b>Total 2<sup>nd</sup> Semester</b>	<b>60</b>	<b>Total 2<sup>nd</sup> Semester</b>	<b>64</b>
<b>Total Year Level 1</b>	<b>132</b>	<b>Total Year Level 2</b>	<b>120</b>	<b>Total Year Level 3</b>	<b>124</b>
<b>Total Credits for the Curriculum</b>					<b>376</b>

7.3.8 B.Admin: Public Administration (545113)

Prescribed Curriculum (E301M)

YEAR LEVEL 1		YEAR LEVEL 2		YEAR LEVEL 3	
First Semester		First Semester		First Semester	
Module Code	Credits	Module Code	Credits	Module Code	Credits
ECON111	12	PAYM212	16	IOPS111	12
INYM111	12	ECON211	16	PAYM311	16
ACCS111	16	BMAN111	12	PAYM312	16
PAYM118	12	PAYM211	16	BMAN219	16
STFM112	12			WVES311	12
<b>Total 1<sup>st</sup> Semester</b>	<b>64</b>	<b>Total 1<sup>st</sup> Semester</b>	<b>60</b>	<b>Total 1<sup>st</sup> Semester</b>	<b>72</b>
YEAR LEVEL 1		YEAR LEVEL 2		YEAR LEVEL 3	
Second Semester		Second Semester		Second Semester	
Module Code	Credits	Module Code	Credits	Module Code	Credits
ECON121	12	PAYM222	16	IOPS121	12
AGLE121	12	ECAM221	16	PAYM321	16
ACCS121	16	BMAN121	12	PAYM322	16
PAYM128	12	WVES221	12	BMAN326	16
STFM122	12	PAYM221	16		
<b>Total 2<sup>nd</sup> Semester</b>	<b>64</b>	<b>Total 2<sup>nd</sup> Semester</b>	<b>72</b>	<b>Total 2<sup>nd</sup> Semester</b>	<b>60</b>
<b>Total Year Level 1</b>	<b>128</b>	<b>Total Year Level 2</b>	<b>132</b>	<b>Total Year Level 3</b>	<b>132</b>
<b>Total Credits for the Curriculum</b>					<b>392</b>

## 8 SCHOOL OF ACCOUNTING

### 8.1 Module Summary

Module Code	Description	Pre-Requisite(s)	Credits
ACCC111	Accounting: Framework, Foundations, Cycle and Financial Reporting	Mathematics grade 12 level 5 (60-69%)	16
ACCC121	Accounting: Accounting for different entities	ACCC111 (55%) or ACCF111 (65%)	16
ACCC271	Accounting: Introduction to AARP/IFRS, Corporate Accounting and Analysis and Interpretation	ACCC121 (55%) or ACCF111/121 (65%) and ACCC121 (55%) in the 2 <sup>nd</sup> examination	32
ACCC371	Accounting: Complex Corporate Accounting (including Groups) and AARP/IFRS	ACCC271 (55%)	32
ACCF111	Financial Accounting: Basic Concepts, Accounting Cycle, Accounting Systems and Elementary Financial Reporting	Mathematics grade 12 level 4 Accountancy grade 12 level 4 (50-59%)	16
ACCF121	Financial Accounting: Special Accounts, Partnerships and Close Corporations	ACCF 111 (40%) or ACCC 111 (40%)	16
ACCF211	Financial Accounting: Financial Reporting	ACCF111, ACCF121 or ACCC111, ACCC121	16
ACCF221	Financial Accounting: Special Topics and Elementary Group Statements	ACCF211 (40%) or ACCC271 (40%)	16
ACCF311	Financial Accounting: Group Statements and Introduction to IFRS	ACCF211, 221 or ACCC271	16
ACCF321	Financial Accounting: IFRS	ACCF311 (40%) or ACCC371 (40%)	16
ACCM128	Accounting for Legal Practice	ACCS111	12
ACCS111	Financial Accounting (Special): Basic Concepts, Accounting Cycle and Accounting Systems	Mathematics grade 12 level 3 (40-49%)	16
ACCS121	Financial Accounting (Special): Financial Reporting, Analyses and Interpretation of Financial Statements	ACCS111 (40%)	16
ACMP311	Computer Applications in Accountancy	ACCC271 or ACCF211 and ACCF221	12
AUDT211	Auditing: The Auditor and the Audit Process	ACCC111, ACCC121, or ACCF111, ACCF121	16
AUDT221	Auditing: Applications and Computer Auditing	AUDT211 (40%)	16
AUDT371	Auditing: Audit Process and Company Law Applications	AUDT211, 221	16
CFAM111	Introduction to Accounting		6
CFAM121	Introduction to Accounting	CFAM111 (40%)	6

Module Code	Description	Pre-Requisite(s)	Credits
FINM221	Financial Management: Introduction	ACCC121 or ACCF121, WISN112	16
FINM321	Financial Management: Decision-Making and Valuations	FINM221	16
IAUD211	Internal Auditing: Role of the Internal Auditor	ACCF111, ACCF121 or ACCC111, ACCC121	12
IAUD221	Internal Auditing: Planning of the Internal Audit Process	IAUD211(40%)	12
IAUD321	Internal Auditing: Fieldwork and Finalisation Phases of the Internal Audit Process	IAUD211, IAUD221 or AUDT211, AUDT221	12
MACC211	Management Accounting: Costing Concepts, Elements and Systems	ACCF111, ACCF121 or ACCC111, ACCC121	16
MACC221	Management Accounting: Cost/Costing Behaviour and Decision-Making Techniques	MACC211 (40%)	16
MACC311	Management Accounting: Planning and Control	MACC211, MACC221	16
PETH211	Professional Ethics for Accountants		12
STRA321	Strategic Management		12
TAXC211	Introduction to Income Tax and VAT	ACCC111, ACCC121	12
TAXC221	Introduction to Taxation of Individuals and Administration of Estates	TAXC211 (40%)	12
TAXC371	Tax Applications	ACCC271 & TAXC221 (40%)	32
TAXF211	Introduction to Taxation of Companies	ACCF111, ACCF121 or ACCC111, ACCC121	12
TAXF221	Introduction to Taxation of Individuals	TAXF211 (40%)	12
TAXF311	Taxation of Individuals and Businesses	ACCF211, ACCF221 or ACCC271, TAXF221 or TAXC221	16
TAXF321	Taxation: Taxation of Companies, Trusts, Farming and other	TAXF311 (40%)	16



## 8.2 Module Outcomes

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**Module Code:** ACCC111 Accounting: Framework, Assumptions and Applications

**Module Outcomes:** On completion of the module the student should be able to:

- Demonstrate a basic knowledge of the principles of the accounting cycle, including the recording of transactions and adjustments from source documents in the subsidiary journals/ledgers and general ledger of an entity.
- Understand the accounting framework and the basic elements of financial statements, including their recognition and measurement criteria.
- Prepare a set of basic financial statements, in the correct format, based on the information in a trial balance or general ledger, including basic disclosure in the notes to the financial statements.
- Calculate and account for insurance gains/losses.
- Prepare financial statements when a set of incomplete accounting records is received.

**Assessment:** Formative: Will be communicated in writing to students at the start of the semester.

Summative: 1 x 3 hour examination: Weight 50.

**Pre-Requisites:** Grade 12 Mathematics Level 5

**Credits:** 16

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**Module Code:** ACCC121 Accounting: Introductory Corporate Accounting

**Module Outcomes:** On completion of the module the student should be able to:

- Apply the definitions, recognition and measurement criteria of the different elements of financial statements, as well as the principles regarding the presentation of financial statements to a given situation.
- Distinguish between different entity forms, including sole proprietors, partnerships, companies and close corporations, and account for transactions in the records of each of these entity forms.
- Effectively use information technology in the recording of transactions in the records of an entity.
- Work effectively together with others as part of a team or group.

**Assessment:** Formative: Will be communicated in writing to students at the start of the semester.

Summative: 1 x 3 hour examination: Weight 50.

**Pre-Requisites:** ACCC111 (55%) OR ACCF111 (65%)

**Credits:** 16

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**Module Code:** ACCC271 Accounting: Introduction to AARP/IFRS, Corporate Accounting, and Analysis and Interpretation

**Module Outcomes:** On completion of the module the student should be able to:

- Understand and interpret basic principles of different International Financial Reporting Standards (IFRS) and the interaction between them.
- Analyse and interpret a set of financial statements.
- Perform a very basic consolidation of a parent and one subsidiary.
- Utilise spreadsheets and accounting software to perform calculations and in the preparation of financial statements.
- Organise and manage activities in a responsible and effective manner.

**Assessment:** Formative: Will be communicated in writing to students at the start of the semester.

Summative: 1 x 3 hour examination: Weight 50.

**Pre-Requisites:** ACCC121 (55%)

**Credits:** 32

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**Module Code:** ACCC371 Accounting: Complex Corporate Accounting (including Groups) and AARP/IFRS

**Module Outcomes:** On completion of the module the student should be able to:

- a) Perform a complex consolidation of a parent and one or more subsidiaries.
- b) Account for an investment in an associated entity or a joint venture.
- c) Prepare a set of financial statements that fully comply with International Financial Reporting Standards (IFRS), including the discussion of the correct accounting treatment of transactions and the recording of transactions.
- d) Effectively utilise information technology in the accounting/auditing profession.
- e) Identify and solve problems where the response provides evidence of critical and creative thinking.
- f) Collect, analyse, organise and evaluate information.

**Assessment:** Formative: Will be communicated in writing to students at the start of the semester.  
Summative: 1 x 3 hour examination: Weight 50.

**Pre-Requisites:** ACCC271 (55%)

**Credits:** 32

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**Module Code:** ACCF111 Financial Accounting: Basic Concepts, Accounting Cycle, Accounting Systems and Elementary Financial Reporting

**Module Outcomes:** On completion of the module the student should be able to:

- a) Explain the purpose and function of accounting;
- b) Demonstrate a clear understanding of the accounting equation;
- c) Create journals, ledgers, subsidiary ledgers and control accounts;
- d) Design an accounting system that will meet the requirements of a specific entity;
- e) Prepare bank reconciliations;
- f) Calculate claims against insurers for inventory losses;
- g) Record transactions and compile financial statements for sole traders and departmental accounts.

**Assessment:** Formative: Will be communicated in writing to students at the start of the semester.  
Summative: 1 x 3 hour examination: Weight 50.

**Pre-Requisites:** Grade 12 Mathematics Level 4

**Credits:** 16

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**Module Code:** ACCF121 Financial Accounting: Special Accounts, Partnerships and Close Corporations

**Module Outcomes:** On completion of the module the student should be able to:

- a) Record transactions and compile the Statement of receipts and payments, Statement of comprehensive income (income statement) and Statement of financial position (balance sheet) for non-trading enterprises;
- b) Compile annual financial statements for partnerships;
- c) Compile annual financial statements for close corporations in conformity with Generally Accepted Accounting Practice (GAAP);
- d) Demonstrate a clear understanding of the different types of company shares, record transactions for the issue and redemption of shares and compile elementary financial statements for companies.

**Assessment:** Formative: Will be communicated in writing to students at the start of the semester.  
Summative: 1 x 3 hour examination: Weight 50.

**Pre-Requisites:** ACCF111 or ACCC111 (40%)

**Credits:** 16

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**Module Code:** ACCF211 Financial Accounting: Financial Reporting

**Module Outcomes:** On completion of the module the student should be able to:

- a) Explain the motivation for establishing a trust; name the parties to a trust; know what the duties and powers of trustees are and how the office of the trustee may be vacated; discuss the rights of the trust beneficiary and know what the remedies are to protect his interest; know the ways in which a trust can be terminated; calculate the tax payable by the trust and place it on record; explain the function of the annual financial statements of a trust and know how to compile the financial statements for presentation to interested parties.

- b) Name the duties and powers of the body corporate and trustees as defined in the Sectional Titles Act; compile the annual financial statements of a sectional title entity.
- c) Demonstrate his/her knowledge of the accounting standard of which the objective is to create a framework for the preparation and presentation of financial statements.
- d) Demonstrate his/her knowledge of International Accounting Standard (IAS) 1 of which the objective is to set out the structure and content of financial statements and the overall requirements for presentation
- e) Demonstrate his/her knowledge of IAS 7 of which the objective is to prescribe the structure and contents of the statement of cash flow.
- f) Demonstrate a clear understanding of the disclosure requirements of companies as prescribed by the Companies Act and in accordance with International Financial Reporting Standards (IFRS) and Generally Accepted Accounting Practice (GAAP); compile, analyse and interpret the statement of cash flow.
- g) Demonstrate his/her knowledge of IAS 16 of which the objective is to prescribe the accounting treatment for property, plant, and equipment.
- h) Identify and analyse financial ratios; explain the use and application of ratios in the analyses and interpretation of an undertaking's liquidity, profitability and solvency; compile a report to interested parties regarding the liquidity, profitability and solvency of the business.
- i) Convert incomplete records to proper financial records based on the double entry system; reconstruct the annual financial statements of the business from the information obtained from incomplete records.

**Assessment:** Formative: Will be communicated in writing to students at the start of the semester.  
Summative: 1 x 3 hour examination: Weight 50.

**Pre-Requisites:** ACCF121 or ACCC121

**Credits:** 16

**Module Code:** ACCF221 Financial Accounting: Special Topics and Elementary Group Statements

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Demonstrate his/her knowledge of International Accounting Standard (IAS) 2 of which the objective is to prescribe how the cost of inventory is determined and which information is provided in the financial statements.
- b) Calculate the cost price and selling price per unit of a manufactured product; record the accounting entries of a manufacturing concern in the journal and ledger, including unrealised profit in completed goods; compile the financial statements of a manufacturing entity.
- c) Demonstrate his/her knowledge of IAS 18 of which the objective is to prescribe the accounting treatment for revenue arising from certain types of transactions and events.
- d) Demonstrate his/her knowledge of IAS 40 of which the objective is to prescribe the accounting treatment for investment property.
- e) Demonstrate his/her knowledge of IAS 17 of which the objective is to prescribe, for lessees and lessors, the accounting treatment for finance and operating leases.
- f) Explain the purpose of and need for consolidated financial statements; draft pro forma journal entries and consolidated financial statements at the date of acquisition and a few years since the acquisition date; account for intra group transactions relating to unrealised profit in opening and closing inventory, management fees, dividends, loans and interest.

**Assessment:** Formative: Will be communicated in writing to students at the start of the semester.  
Summative: 1 x 3 hour examination: Weight 50.

**Pre-Requisites:** ACCF211 (40%)

**Credits:** 16

**Module Code:** ACCF311 Financial Accounting: Group Statements

**Module Outcomes:** After completion of the module, the student should be able to:

- a) execute applicable consolidated accounting entries relating to a parent company and a single subsidiary;

- b) compile consolidated statements of financial position/balance sheet; comprehensive income/income statement; changes in equity, cash flow and notes to the consolidated financial statements relating to a parent and subsidiary;
- c) demonstrate his/her knowledge of the IASB's mission and objectives, the scope of International Financial Reporting Standards (IFRS), due process for developing IFRS and Interpretations, and policies on effective dates, format, and language for IFRS;
- d) demonstrate his/her knowledge of IAS 1 of which the objective is to prescribe the basis for presentation of general-purpose financial statements, to ensure comparability both with the entity's financial statements of previous periods and with the financial statements of other entities;
- e) demonstrate his/her knowledge of IAS 12 of which the objective is to prescribe the accounting treatment for income taxes;
- f) demonstrate his/her knowledge of IAS 8 of which the objective is to prescribe the accounting treatment for changes in accounting estimates, changes in accounting policies and the correction of prior period errors;
- g) demonstrate his/her knowledge of IAS 10 of which the objective is to prescribe the accounting treatment for events after the balance sheet date; and
- h) demonstrate his/her knowledge of IAS 37 of which the objective is to prescribe the accounting treatment for provisions, contingent liabilities and contingent assets.

**Assessment:** Formative: Will be communicated in writing to students at the start of the semester.  
Summative: 1 x 3 hour examination: Weight 50.

**Pre-Requisites:** ACCF221

**Credits:** 16

**Module Code:** ACCF321 Financial Accounting: Generally Accepted Accounting Practice – Capita Selecta

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

- a) demonstrate his/her knowledge of IAS 18 of which the objective is to prescribe the accounting treatment for revenue arising from certain types of transactions and events;
- b) demonstrate his/her knowledge of IAS 23 of which the objective is to prescribe the accounting treatment for borrowing costs including interest on bank overdrafts and borrowings, amortisation of discounts or premiums on borrowings, amortisation of ancillary costs incurred in the arrangement of borrowings and finance charges on finance leases;
- c) demonstrate his/her knowledge of IAS 16 of which the objective is to prescribe the accounting treatment for property, plant and equipment;
- d) demonstrate his/her knowledge of IAS 36 of which the objective is to ensure that assets are carried at no more than their recoverable amount and to define how recoverable amount is calculated;
- e) demonstrate his/her knowledge of IAS 38 of which the objective is to prescribe the accounting treatment for intangible assets;
- f) demonstrate his/her knowledge of IAS 40 of which the objective is to prescribe the accounting treatment for investment property;
- g) demonstrate his/her knowledge of IAS 17 of which the objective is to prescribe, for lessees and lessors, the accounting treatment for finance and operating leases; and
- h) demonstrate his/her knowledge of IAS 33 of which the objective is to prescribe the accounting treatment for earnings per share (EPS) amounts in order to improve performance comparisons between different enterprises, excluding diluted and headline earnings per share.

**Assessment:** Formative: Will be communicated in writing to students at the start of the semester.  
Summative: 1 x 3 hour examination: Weight 50.

**Pre-Requisites:** ACCF311 (40%)

**Credits:** 16

**Module Code:** ACCM128 Accounting for Legal Practice

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Define rules governing accounting for legal practice
- b) Prepare reconciliation statements.
- c) Prepare Trust Bank Accounts, Ledger Control Accounts and Correspondents' accounts.
- d) Prepare Financial Statements of Partnerships and Close Corporations
- e) Analyse financial statement of different entities

**Assessment:** Formative: Will be communicated in writing to students at the start of the semester.  
Summative: 1 x 3 hour examination: Weight 50.

**Pre-Requisites:** ACCS111

**Credits:** 12

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**Module Code:** ACCS111 Financial Accounting (Special): Basic Concepts

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

- a) explain the purpose and function of accounting;
- b) demonstrate a clear understanding of the accounting equation;
- c) create journals, ledgers, subsidiary ledgers and control accounts;
- d) design an accounting system that will meet the requirements of a specific entity; and
- e) record transactions and prepare financial statements of sole traders.

**Assessment:** Formative: Will be communicated in writing to students at the start of the semester.  
Summative: 1 x 3 hour examination: Weight 50.

**Pre-Requisites:** Grade 12 Mathematics Level 4

**Credits:** 16

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**Module Code:** ACCS121 Financial Accounting (Special): Financial Reporting, Analyses and Interpretation of Financial Statements

**Module Outcomes:** On completion of the module the student should be able to:

- a) draw up a cash receipts- and payment journal and prepare a bank reconciliation statement;
- b) prepare a statement of comprehensive income (income statement), statement of financial position (balance sheet) and a statement of changes in equity for sole traders on a generally acceptable format; and
- c) identify and explain financial ratios, explain their purpose and use it in the analyses of the liquidity, profitability and solvency of a sole trader.

**Assessment:** Formative: Will be communicated in writing to students at the start of the semester.  
Summative: 1 x 3 hour examination: Weight 50.

**Pre-Requisites:** ACCS111 (40%)

**Credits:** 16

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**Module Code:** ACMP311 Accounting and Computers: Accounting and Auditing Computer Applications

**Module Outcomes:** On completion of the module the student should be able to:

- a) Understand the need for access to information
- b) Establish or enhances financial reporting using IT
- c) Understand how IT impacts an accountant's daily functions and routines
- d) Apply appropriate IT systems / tools to business accounting problems (including spreadsheets, CAATS, internet, research)
- e) Demonstrate an understanding of business and accounting systems (including accounting packages, LAN's and e-commerce).

**Assessment:** Formative: Will be communicated in writing to students at the start of the semester.  
Summative: 1 x 3 hour examination: Weight 50.

**Pre-Requisites:** AUDT211, AUDT221

**Credits:** 12

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**Module Code:** AUDT211 Auditing: the Auditor and the Audit Process

**Module Outcomes:** On completion of the module the student should be able to:

Regarding the audit profession in South Africa:

- a) Explain the need for an audit;
- b) Distinguish between the different types of audits and auditors;
- c) Understand the difference between the professional and regulatory bodies with regard to the audit profession, as well as the purpose and duties, respectively, of each body;
- d) Discuss the purpose of an audit, general principles relating to the performance of an audit, as well as the degree of assurance that an audit offers to the users of audited information;
- e) Discuss the quality control procedures relating to the performance of an audit;
- f) Discuss the purpose, structure, content and scope of audit documentation with reference to ISA 230R.

Regarding the audit process:

- a) Know and discuss the different steps that the audit process consists of;
- b) Know and discuss the requirements that each step of the audit process must consist of, as illustrated by the international audit standards;
- c) Apply the principles relating to each step of the audit process to a practical case study.

Regarding fraud and error:

- a) Know the responsibilities of the auditor, specific audit procedures to be performed, as well as the reactions of the auditor with regard to fraud and error as illustrated by ISA 240 (Redrafted);
- b) Know and apply the definition of a reportable irregularity to a case study according to the Auditing Profession Act;
- c) Know and apply the duties of the auditor with regard to reporting on reportable irregularities according to the requirements of the Auditing Profession Act.

**Assessment:** Formative: Will be communicated in writing to students at the start of the semester.

Summative: 1 x 3 hour examination: Weight 50.

**Pre-Requisites:** ACCC121 (55%)

**Credits:** 16

**Module Code:** AUDT221 Auditing: Applications and Computer Auditing

**Module Outcomes:** On completion of the module the student should be able to:

- a) Understand the functioning of the different operating systems in a business, with specific reference to:
  - The organisational structure and responsibilities of staff members
  - Source documents used
  - Flow of information to record transactions
  - Supervising and control procedures which must be performed.
- b) Apply the procedures which should be performed by the auditor in the verification of the different financial statements items, with specific reference to:
  - The audit objectives
  - Identification of audit risks
  - Design of an audit programme
  - Interpretation of results
  - Making a conclusion.
- c) Formulate an appropriate audit opinion in the audit report for the users of financial statements.
- d) Know and apply the responsibilities of auditors regarding material irregularities with clients.

**Assessment:** Formative: Will be communicated in writing to students at the start of the semester.

Summative: 1 x 3 hour examination: Weight 50.

**Pre-Requisites:** AUDT211 (40%)

**Credits:** 16

**Module Code:** AUDT371 Auditing: Company Law Applications and Company Auditing

**Module Outcomes:** On completion of the module the student should be able to:

- a. understand and be able to apply the Companies Act and selected South African Auditing Statements, in all communications.

- b. apply and interpret the knowledge of the technical terms and demonstrate the acquisition of professional communication skills.
- c. analyse and interpret factual auditing situations in financial statements and case studies.
- d. demonstrate your skills in problem solving in case studies.
- e. work in groups because practical auditing is done in teams.
- f. know, understand and implement the correct steps in the audit process, in particular regarding the requirements of the Companies Act.
- g. write an audit report after successful completion of the audit.
- h. prepare advice/recommendations on completion of the audit illustrating the acquisition of skills in writing reports, memorandums, audit programmes or audit working papers complying with the desired professional approach.

**Assessment:** Formative: Will be communicated in writing to students at the start of the semester.  
Summative: 1 x 3 hour examination: Weight 50.

**Pre-Requisites:** AUDT211, AUDT221

**Credits:** 16

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**Module Code:** CFAM 111 Introduction to Accounting

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Apply the basic accounting principles.
- b) Analyse and record transactions correctly.
- c) Prepare a trial balance, calculate and record depreciation and perform reconciliations.

**Assessment:** Formative: Will be communicated in writing to students at the start of the semester.  
Summative: 1 x 3 hour examination: Weight 50.

**Pre-Requisites:** Grade 12

**Credits:** 12

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**Module Code:** CFAM 121 Introduction to Accounting

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Prepare adjusting and closing entries
- b) Prepare financial statements for a sole trader, partnership and close corporation
- c) Record share transactions of companies.

**Assessment:** Formative: Will be communicated in writing to students at the start of the semester.  
Summative: 1 x 3 hour examination: Weight 50.

**Pre-Requisites:** CFAM111 (40%)

**Credits:** 12

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**Module Code:** FINM221 Financial Management: Introduction

**Module Outcomes:** On completion of the module, the student should be able to:

- a) understand the role of financial management and the financial manager in a business organisation and identify the primary goal of financial management;
- b) understand the concept of the time value of money and perform calculations;
- c) understand the relationship between risk and return and evaluate the risk and return of organisations based on the necessary calculations;
- d) understand the basic accounting statements and concepts and perform an evaluation of financial performance using financial statement analysis to assess the current financial condition of the firm;
- e) demonstrate a knowledge of the characteristics of the principle forms of finance used by companies and the ways in which they may be issued;
- f) demonstrate a basic knowledge of the characteristics of financial instruments and how they can be applied by companies to hedge against risk;
- g) demonstrate a complete and systematic knowledge of the factors to be considered by a company when deciding on its capital structure;

- h) demonstrate the skills to calculate the cost of the different sources of finance and the weighted average cost of capital of a company; and
- i) understand and apply the various techniques in evaluating capital investment projects.

**Assessment:** Formative: Will be communicated in writing to students at the start of the semester.

Summative: 1 x 3 hour examination: Weight 50.

**Pre-Requisites:** ACCC121 or ACCF121

**Credits:** 16

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**Module Code:** FINM321 Financial Management: Decision-Making and Valuations

**Module Outcomes:** On completion of the module, the student should be able to:

- a) demonstrate an understanding of the primary goal of financial management and the concept of time value of money and the skills to apply time value of money principles to real world problems;
- b) demonstrate an understanding of the weighted average cost of capital (WACC) and the ability to calculate the WACC of a company;
- c) understand and apply the various techniques in evaluating capital investment projects;
- d) evaluate capital investment projects under conditions of inflation and capital rationing;
- e) demonstrate knowledge of the different sources of finance for capital investment projects and make a recommendation based on the discounted cash flow technique;
- f) demonstrate an understanding of working capital management including the working capital cycle, working capital policies and working capital financing policies;
- g) demonstrate the skills to evaluate accounts receivable management as well as inventory management systems of companies;
- h) demonstrate the basic skills to perform a valuation of a company; and
- i) demonstrate an understanding of the dividend policy of a company.

**Assessment:** Formative: Will be communicated in writing to students at the start of the semester.

Summative: 1 x 3 hour examination: Weight 50.

**Pre-Requisites:** FINM221, MACC311 (40%)

**Credits:** 16

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**Module Code:** IAUD211 Internal Auditing: Role of the Internal Auditor

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

- a) Demonstrate his/her ability to discuss the history and development of internal auditing and define the purpose, authority and responsibility of internal audit activities.
- b) Demonstrate a clear understanding of the relationship between internal auditing and other related concepts, for example external auditing, the audit committee and board of directors.
- c) Demonstrate a basic knowledge and application of the provisions regarding corporate governance contained in the King Report.
- d) Describe the internal control environment of an organisation and the related internal control systems, including policies and procedures.
- e) Evaluate the effectiveness of an internal control environment.
- f) Distinguish between the different stages of the internal audit process.

**Assessment:** Formative: Will be communicated in writing to students at the start of the semester.

Summative: 1 x 3 hour examination: Weight 50.

**Pre-Requisites:** ACCF121 or ACCC121

**Credits:** 16

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**Module Code:** IAUD221 Internal Auditing: Planning of the Internal Audit Process

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

- a) Demonstrate his/her ability to plan and conduct internal audit activities.
- b) Demonstrate an ability to assess the risk for internal audit engagements
- c) Demonstrate an ability to incorporate risk in the internal audit plan, including the formulation of internal audit procedures based on the risk identified.



d) Compile internal audit procedures, including audit objectives and scope.

**Assessment:** Formative: Will be communicated in writing to students at the start of the semester.  
Summative: 1 x 3 hour examination: Weight 50.

**Pre-Requisites:** IAUD211 (40%)

**Credits:** 16

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**Module Code:** IAUD321 Internal Auditing: Fieldwork and Finalisation Phases of the Internal Audit Process

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

- a) demonstrate his/her ability to generate internal audit working papers;
- b) demonstrate an ability to utilise data gathering tools, including interviewing, questionnaires and checklists;
- c) demonstrate his/her ability to utilise statistical sampling methods, including ACL;
- d) describe process mapping, including flowcharting;
- e) communicate findings to management, including report writing; and
- f) demonstrate the ability to interpret findings and perform follow-up review procedures.

**Assessment:** Formative: Will be communicated in writing to students at the start of the semester.  
Summative: 1 x 3 hour examination: Weight 50.

**Pre-Requisites:** IAUD211, IAUD221

**Credits:** 16

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**Module Code:** MACC211 Management Accounting: Costing Concepts, -Elements and -Systems

**Module Outcomes:** On completion of the module the student should be able to:

- a) demonstrate a sound knowledge and understanding of the subject management or management accounting and to become familiar with the cost terms and concepts that are applicable to managerial accounting;
- b) demonstrate your ability to deal with material and labour costs in manufacturing organisations as well as overhead cost;
- c) demonstrate a sound knowledge and understanding of how to deal with overhead cost, as part of product cost (manufacturing cost) and as period cost (non-manufacturing cost);
- d) demonstrate a sound knowledge and understanding of cost and income statements in organisations and how to determine the net income for a period after determining the cost of goods manufactured and cost of goods sold;
- e) demonstrate a sound knowledge and understanding, and your ability to design a job-order costing system for an organisation and to apply it to the organisation's needs; and
- f) demonstrate a sound knowledge and understanding of a process costing system. You should also be able to determine the cost price per unit completed, based on the three cost elements, namely direct material, direct labour and manufacturing overhead on an individual basis, as well as a preparation of a cost and production report by making use of the weighted-average and the first-in-first-out (FIFO) method, where normal and abnormal spoilage occurs.

**Assessment:** Formative: Will be communicated in writing to students at the start of the semester.  
Summative: 1 x 3 hour examination: Weight 50.

**Pre-Requisites:** ACCC121 or ACCF 121

**Credits:** 16

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**Module Code:** MACC221 Management Accounting: Cost/Costing Behaviour and Decision-Making Techniques

**Module Outcomes:** On completion of the module, the student should be able to:

- a) do a cost estimation by using a cost equation, and prepare an income statement by using the contribution format;

- b) understand the relationship between cost, volume and profit and the application of this relationship in decision-making;
- c) become aware of the cost-volume-profit relationships when multiple products are dealt with in organisations, and the relevant information to take note of when decision-making occurs;
- d) allocate joint costs to products, account for by-products, and make decisions as to whether a product should be further processed or terminated;
- e) allocate service department costs by using the most appropriate allocation basis and allocation method for the service department cost; and
- f) apply linear programming as a technique for decision-making in organisations.

**Assessment:** Formative: Will be communicated in writing to students at the start of the semester.  
Summative: 1 x 3 hour examination: Weight 50.

**Pre-Requisites:** MACC211 (40%)

**Credits:** 16

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**Module Code:** MACC311 Management Accounting: Planning and Control

**Module Outcomes:** On completion of the module, the student should be able to:

- a) demonstrate knowledge and insight of the ethics of the management accountant in exercising his / her responsibility in an organisation;
- b) demonstrate knowledge and insight of the planning process and to prepare short-term and long-term budgets for an organisation;
- c) prepare flexible budgets for various activity levels of an organisation, and to analyse and interpret cost variances for controlling purposes;
- d) demonstrate knowledge and insight of standard costing as cornerstone of budgeting, and to analyse and interpret standard cost variances;
- e) demonstrate knowledge and insight of direct and absorption costing systems used for internal and external reporting purposes; and
- f) demonstrate knowledge and insight in segmental reporting and transforming pricing.

**Assessment:** Formative: Will be communicated in writing to students at the start of the semester.  
Summative: 1 x 3 hour examination: Weight 50.

**Pre-Requisites:** MACC211, MACC221

**Credits:** 16

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**Module Code:** PETH211 Professional Ethics for Accountants

**Module Outcomes:** On completion of the module the student should be able to:

- a) Demonstrate a fundamental knowledge and understanding of world views and ideologies by analysing, synthesising and a critique of
  - the nature and function of, as well as the similarities and differences between world views and ideologies,
  - important contemporary manifestations of these views, and
  - the influence of these views on issues of our time and world (including poverty, change, human rights, HIV-AIDS, power abuse, corruption, scholarship, etc.);
- b) Demonstrate understanding for the interrelatedness of phenomena and of natural and social systems.
- c) Articulate a personal world view and a coherent own view about some of the core issues and problems of our time.
- d) Analyse and evaluate real life problems and case studies and argue and give feasible answers to these problems from an own established world view.
- e) Report on your knowledge and viewpoints in a typical academic manner.
- f) Illustrate a sound introductory understanding of the ethical dimension of individual and social life experiences within the context of cultural diversity.
- g) Understand and explain the virtue theory and deontological an utilitarian ethics and the relevance thereof for business and professional ethics on basic level.
- h) Demonstrate his/her ability to apply ethical decision-making strategies, for instance, case studies.

- i) Show an understanding of the classical liberal approach to the role of business and government in society as well as the basic principles of a fair tax system.
- j) Show a sound introductory understanding of selected socio-economic ethical issues applicable to business and in professional practice and understand and explain them.
- k) Show an introductory understanding of selected issues and approaches in Business Ethics in South Africa and internationally.
- l) Have basic knowledge and understanding of corporate control in South Africa including organisations and conformation.
- m) Place in ethical perspective the knowledge and basic skills with reference to the nature of organisations and management and demonstrate the ability to link these skills and knowledge with appropriate case studies.
- n) Demonstrate sound knowledge of the nature of professionalism in general and concerning the ethical aspects.
- o) Demonstrate an understanding of the goals, structures and content of selected ethical codes of business and professions.
- p) Have an understanding of the main ethical issues and aspects of the accounting and auditing profession and understand and apply them.
- q) Demonstrate the ability to analyse case studies in the accounting profession with reference to decision making, comparative ethics and diverse ethics (where applicable).
- r) Show an understanding of the Professional Code of Conduct for accountants and auditors in South Africa.

**Assessment:** Formative: Will be communicated in writing to students at the start of the semester.

Summative: 1 x 3 hour examination: Weight 50.

**Pre-Requisites:** None

**Credits:** 12

**Module Code:** STRA321 Strategy, Risk Management and Control

**Module Outcomes:** On completion of the module the student should be able to:

- a) Supervise a team.
- b) Gain an understanding of the entity's mission, vision and strategies and strategic plan.
- c) Define strategy, know the strategy process, who the key stakeholders of an entity is and what is corporate culture.
- d) Develop, evaluate and manage an entity's strategies.
- e) Understand the external influences on an entity's strategy development.
- f) Understand the internal influences on an entity's strategy development.
- g) Evaluate the entity's performance measurement and reporting strategy.
- h) Evaluate the adequacy of the entity's IT strategy.
- i) Understand the need for access to information.
- j) Evaluate an entity's ability to manage organisational performance in accordance with the entity's strategies.
- k) Define risk, know risk management approaches, principle categories of risk, types of risk, risk identification tools.
- l) Identify and evaluate opportunities and risks.
- m) Understand the entity's risk management processes.
- n) Evaluate the entity's risk management programme.
- o) Document risk, analyze risk (including IT risk) and prepare and recommend implementation strategies to manage risk.
- p) Evaluate an entity's plans for risk management.

**Assessment:** Formative: Will be communicated in writing to students at the start of the semester.

Summative: 1 x Integrated Assignment: Weight 50.

**Pre-Requisites:** None

**Credits:** 12

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**Module Code:** TAXC211 Introduction to Tax of Companies

**Module Outcomes:** On completion of the module the student should be able to:

- a) interpret and apply the Income Tax Act and relevant court cases as well as practise notes, issued by the South African Revenue Service, pertaining to companies;
- b) demonstrate a clear understanding of the definition of gross income, exempt income, deductible expenses and taxable income as defined by the Income Tax Act, pertaining to business activities;
- c) identify and calculate basic specific deductions and capital allowances of companies;
- d) calculate basic capital gains tax (CGT) according to the Eighth Schedule of the Income Tax Act;
- e) calculate the normal income tax payable by companies;
- f) provide basic administrative procedures pertaining to the Income Tax Act; and
- g) calculate basic Value Added Tax (VAT), as required by the Value Added Tax Act.

**Assessment:** Formative: Will be communicated in writing to students at the start of the semester.  
Summative: 1 x 3 hour examination: Weight 50.

**Pre-Requisites:** ACCC111, ACCC121

**Credits:** 12

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**Module Code:** TAXC221 Accounting: Income Tax of Individuals and Administration of Estate

**Module Outcomes:** On completion of the module the student should be able to:

- a) interpret and apply the Income Tax Act, court cases as well as practice notes, issued by the South African Revenue Service, pertaining to individuals;
- b) demonstrate a clear understanding of the definition of gross income, exempt income, deductible expenses and taxable income as defined by the Income Tax Act;
- c) motivate why items are taxable/ deductible pertaining to individuals, by referring to legislation and court cases;
- d) demonstrate the ability to calculate the normal income tax (including capital gains tax) payable by individuals on taxable income of remuneration, investment income and fringe benefits;
- e) demonstrate the ability to calculate employees' tax that has to be deducted from remuneration, as well as provisional tax payable on income other than remuneration;
- f) calculate, by referring to legislation, the donation tax payable; and
- g) perform the tax and accounting treatment of deceased and insolvent estates with reference to the Estate Duty Act No.45 of 1955 and the Insolvency Act No.24 of 1936.

**Assessment:** Formative: Will be communicated in writing to students at the start of the semester.  
Summative: 1 x 3 hour examination: Weight 50.

**Pre-Requisites:** TAXC211

**Credits:** 12

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**Module Code:** TAXC371 Tax Applications

**Module Outcomes:** On completion of the module the student should be able to:

- a) interpret the Income Tax Act, court cases and SARS practice notes;
- b) identify and calculate capital and other allowances for various entities (e.g. companies, CC's, partnerships, farmers) and individuals;
- c) calculate the normal income tax payable by individuals and the following entities (e.g. companies, CC's, partnerships, farmers);
- d) calculate secondary tax on companies;
- e) calculate the taxation on lump sums received;
- f) calculate the different types of taxation as required by the Fourth Schedule of the Income Tax Act, payable by individuals as well as companies (e.g. provisional tax, employees tax, etc.)
- g) interpret and calculate the Value Added Tax (VAT) according to the Value Added Tax Act;
- h) calculate and apply the principles of Capital Gains Tax (CGT) according to the Eighth Schedule of the Income Tax Act;

- i) identify, by means of referring to legislation and court cases, cases of tax avoidance and the consequences thereof;
- j) calculate, by means of referring to legislation and court cases, estate duty;
- k) calculate the relevant taxes relating to trusts and identify the relevant taxpayers as well as cases of tax avoidance in terms of Section 7 and 25 of the Income Tax Act;
- l) apply all taxes to advanced taxation problems and calculations.

**Assessment:** Formative: Will be communicated in writing to students at the start of the semester.

Summative: 1 x 3 hour examination: Weight 50.

**Pre-Requisites:** ACCC271 and TAXC221 (40%)

**Credits:** 32

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**Module Code:** TAXF211 Introduction to Taxation of Companies

**Module Outcomes:** On completion of the module the student should be able to:

- a) interpret and apply the Income Tax Act and relevant court cases, issued by the South African Revenue Service, pertaining to companies;
- b) demonstrate a clear understanding of the definition of gross income, exempt income, deductible expenses and taxable income as defined by the Income Tax Act, pertaining to business activities;
- c) identify and calculate basic specific deductions and capital allowances of companies;
- d) calculate basic capital gains tax (CGT) according to the Eighth Schedule of the Income Tax Act;
- e) calculate the normal income tax payable by companies;
- f) provide basic administrative procedures pertaining to the Income Tax Act; and
- g) calculate basic Value Added Tax (VAT), as required by the Value Added Tax Act.

**Assessment:** Formative: Will be communicated in writing to students at the start of the semester.

Summative: 1 x 3 hour examination: Weight 50.

**Pre-Requisites:** ACCC271 and TAXC221 (40%)

**Credits:** 32

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**Module Code:** TAXF221 Introduction to Income Tax

**Module Outcomes:** On completion of the module the student should be able to:

- a) interpret and apply the Income Tax Act, court cases as well as practice notes, issued by the South African Revenue Service, pertaining to individuals;
- b) demonstrate a clear understanding of the definition of gross income, exempt income, deductible expenses and taxable income as defined by the Income Tax Act, pertaining to individuals;
- c) motivate why items pertaining to individuals are taxable/deductible, by referring to court cases;
- d) demonstrate the ability to calculate the normal income tax (including capital gains tax) payable by individuals on taxable income of remuneration, investment income and fringe benefits; and
- e) demonstrate the ability to calculate employees' tax that has to be deducted from remuneration, as well as provisional tax payable on income other than remuneration.

**Assessment:** Formative: Will be communicated in writing to students at the start of the semester.

Summative: 1 x 3 hour examination: Weight 50.

**Pre-Requisites:** ACCF121 or ACCC121

**Credits:** 16

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**Module Code:** TAXF311 Taxation of Individuals and Businesses

**Module Outcomes:** On completion of the module the student should be able to:

- a) interpret the relevant income tax law, case law and practice notes issued by the South African Revenue Services;
- b) demonstrate a clear understanding of the definition of gross income, deductible expenses, fringe benefits, lump sum receipts and taxable income of individuals carrying on trade or business;
- c) calculate income tax payable on taxable income derived by an individual from farming operations;
- d) calculate income tax payable on taxable income derived by individual partners from carrying on trade in partnership; and

e) calculate normal income tax payable by individuals on taxable income derived from employment, investment income, fringe benefits, lump sum receipts and from carrying on trade or business.

**Assessment:** Formative: Will be communicated in writing to students at the start of the semester.  
Summative: 1 x 3 hour examination: Weight 50.

**Pre-Requisites:** TAXF221, ACCF211, ACCF221

**Credits:** 16

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**Module Code:** TAXF321 Company Taxes, Trusts, Farming, VAT and CGT

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

- a) Interpret the relevant income tax law, case law and practice notes issued by the South African Revenue Services.
- b) Demonstrate a clear understanding of the definitions in the Income Tax Act regarding gross income, deductible expenses and taxable income of farming operations, companies and trusts;
- c) Calculate the normal income tax payable by farmers, companies and trusts, calculate Donations tax and Estate duty payable;
- d) Interpret the Value Added Tax (VAT) law and calculate VAT;
- e) Calculate Secondary Tax on Companies (STC);
- f) Interpret the Capital Gains Tax (CGT) law and calculate CGT;
- g) Motivate the taxability and deductibility of items by referring to case law and the income tax law.

**Assessment:** Formative: Will be communicated in writing to students at the start of the semester.  
Summative: 1 x 3 hour examination: Weight 50.

**Pre-Requisites:** TAXF311 (40%)

**Credits:** 16

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## 9 SCHOOL OF ECONOMICS AND DECISION SCIENCES

### 9.1 Module Summary

Module Code	Description	Pre-Requisite(s)	Credits
ECAM221	Introduction to Economic Planning	ECON211 and ECON212	16
ECAM311	Planning Techniques	ECAM221	16
ECAM321	The Strategy of Planning	ECAM311	16
ECON111	Introduction to Economics		12
ECON121	Basic Micro- and Macroeconomics		12
ECON211	Macroeconomics	ECON111 and STFM111 or STFM112	16
ECON212	Macroeconomics Applications	ECON111 and STFM111 or STFM112	16
ECON221	Microeconomics	ECON211	16
ECON222	Microeconomics Applications	ECON211	16
ECON311	Fiscal and Monetary Policy	ECON211 and ECON221	16
ECON312	Public Policy Applications	ECON211 and ECON221	16
ECON321	Economic Analysis	ECON211 and ECON221	16
ECON322	Development Economics	ECON211 and ECON221	16
ECON323	International Economics	ECON211 and ECON221	16
ECON324	Quantitative Economics		16
INYM111	Introduction to Computers and Programming		12
INYM114	Computer Literacy for Human Sciences		12
INYM115	Computer Literacy for Natural Sciences		12
INYM121	Computer Applications and Packages		12
INYM122	Visual Programming	INYM111	12
INYM216	Object Oriented Programming	INYM122, INYM111	16
INYM217	Computer Organization and Architecture	INYM122 & INYM111	16
INYM218	Systems Analysis and Design	INYM111	16
INYM219	Business Information Systems	INYM122 & INYM111	
INYM225	Electronic Business	INYM218 & INYM111	16
INYM226	Introduction to Databases	INYM218	16
INYM228	Computer Systems and Networks	INYM111, INYM219	16
INYM229	Web Programming and System Software	INYM111, INYM122, INYM216	16
INYM313	Database Systems	INYM226 and INYM218	16
INYM314	Project Management for Information Systems	INYM218	16
INYM316	Computer Networks and Cryptology	INYM219, INYM229 & INYM227	16
INYM326	Business Wireless and Mobile Networking Systems	INYM316	16
INYM327	Management of Information Technology	INYM111, INYM216	16
INYM328	Information Systems Project	All level 1, II modules and level III 1 <sup>ST</sup> Semester Modules	16
INYM329	Artificial Intelligence	INYM226, INYM216, INYM122	16
LMNM211	Introduction to Logistics		16

Module Code	Description	Pre-Requisite(s)	Credits
LMNM221	Introduction to Logistics Activities		16
LMNM311	Models for Logistics Decision Support		16
LMNM312	Logistics Strategies and Customer Service		16
LMNM321	Logistics Business Systems		16
LMNM322	International Logistics		16
STFM111	Introduction to Statistics	Mathematics Level 4	12
STFM112	Basic Statistics	Basic Mathematics	12
STFM113/ WISK115	Mathematical Techniques	Matric Mathematics SG	12
STFM121	Inferential Statistics and Operations Research	STFM111	12
STFM122	Introduction to Financial Mathematics	Basic Mathematics	12
STFM123/ STTK122/ WISK123	Introduction to Business Statistics	Basic Mathematics	16
STFM125	Introduction to Mathematical Statistics	Matric Mathematics HG	12
STFM211	Distribution Theory with Simulation	STFM121	8
STFM212	Statistical Inferences with Non-Parametrics	STFM121	8
STFM221	Experimental Design & Survey Sampling	STFM111 and STFM121	8
STFM222	Categorical Data Analysis	STFM111 and STFM121	8
STFM223	Statistical Computing	STFM111 and STFM121	8
STFM311	Regression Analysis & Multivariate Techniques	STFM211 and STFM212	16
STFM312	Time Series Analysis	STFM211 and STFM212	16
STFM321	Econometrics Methods	STFM311	16
STFM322	Forecasting Methods	STFM311 and STFM 312	16
STOM211	Introduction to Operations Research	STFM121	12
STOM222	Network Analysis	STOM211	12
STOM311	Dynamic Programming and Game Theory	STOM221	16
STOM312	Inventory Control & Production Planning and Scheduling	STOM221	16
STOM321	Decision Theory and Reliability Theory	STOM311 and STOM312	16
STOM322	Stochastic Processes	STOM311 and STOM312	16
STTN122	Introduction to Descriptive Statistics	Mathematics Level 4	16
TECM111	Introduction to Transport Economics		12
TECM121	Road Freight Transport		12
TECM211	Rail Transport Studies		8
TECM212	Public Passenger Transport Studies		8
TECM221	Aviation Studies		8
TECM222	Maritime Transport Studies		8
TECM313	Transportation Planning		16
TECM323	Transportation Policy Formulation and Analysis		16
WISN112	Advanced Mathematical Techniques	Mathematics Level 4	12



## 9.2 Module Outcomes

### 9.2.1 Economics

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**Module Code:** ECAM221 Introduction to Economic Planning

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Understand how exactly a macro plan helps countries to achieve micro planning at the level of a community or sector.
- b) Understand the basic rationale and theory to formulate an economic plan.
- c) Learn from the experience of countries where planning has not fully achieved its objectives

**Assessment:** Continuous Assessment and Formal Examination

**Pre-Requisites:** ECON211 and ECON212

**Credits:** 16

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**Module Code:** ECAM311 Planning Techniques

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Understand the effectiveness of planning exercise to achieve the various economic and social objectives.
- b) Understand the basic requirements of the planning exercise in terms of growth models, and input-output models.
- c) Understand plan formulation both at the micro and macro levels.
- d) Appraise and evaluate given plan in terms of its cost and benefit.

**Assessment:** Continuous Assessment and Formal Examination

**Pre-Requisites:** ECAM221

**Credits:** 16

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**Module Code:** ECAM321 The Strategy of Planning

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Develop an evaluation skill to assess a given plan/project.
- b) Understand the formulation and evaluation of case studies in the context of various kinds of planning exercises
- c) Understand the importance of planning in the context of a number of countries.

**Assessment:** Continuous Assessment and Formal Examination

**Pre-Requisites:** ECAM311

**Credits:** 16

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**Module Code:** ECON111 Introduction to Economics

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Have a fundamental knowledge and understanding of the basic functioning of the economy and its various components, the economic problem of scarcity, limited resources and unlimited needs, how different economic systems try to solve the economic problem and the ways that fiscal, monetary and other policy measures are implemented to reach specific economic objectives;
- b) Acquire as an individual and/or in groups, the skills to interpret and analyse the behaviour of the principle economic agents such as consumers and producers.
- c) Acquire as an individual and/or in groups, the skills to interpret and analyse economic data on the fiscal, monetary and other policies of South Africa;
- d) Develop the ability to identify, evaluate and solve defined, routine and new economic problems (such as unemployment and high inflation) in the South African context, based on evidence based methods, procedures and techniques.

- e) Acquire the ability to gather information from given sources, select information appropriate to the task, analyse, synthesise and evaluate that information and communicate results and/or suggestions in an ethical sound manner in writing and verbal demonstration, using appropriate IT.

**Assessment:** Continuous Assessment and Formal Examination

**Pre-Requisites:** None

**Credits:** 12

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**Module Code:** ECON121 Basic Micro- and Macroeconomics

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Demonstrate understanding of fundamental knowledge and insight into the principles and theories on which microeconomics, macroeconomics and the Simple Macroeconomic Model are based and also to apply concepts and terminology in answering ill-defined problems and case-studies;
- b) Fundamental knowledge of the interaction and interdependencies between economic participants and indicators;
- c) Skills to analyse and evaluate case-studies, examples and problems on certain macro- and micro economic phenomena, with reference to demand, supply, equilibrium, consumption, production, price elasticity and various forms of competition;
- d) Fundamental understanding of the causes of inflation, unemployment and economic growth and knowledge to recommend policies with regard to these;
- e) Skills to apply the Simple Macroeconomic Model in economic analyses and predictions; and information gathering and processing skills for writing assignments within the context of micro- and macroeconomics, individually and in groups.

**Assessment:** Continuous Assessment and Formal Examination

**Pre-Requisites:** None

**Credits:** 12

---

**Module Code:** ECON211 Macroeconomics

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Demonstrate a solid knowledge of macroeconomics with special reference to the five main concerns regarding macroeconomics namely; economic growth, price stability, high and stable level of employment (full employment) stability on the balance of payments (equilibrium) and the equality of the distribution of income and insight into the interrelationship between different economic variables in an open economy;
- b) Apply knowledge of theories, rules, mathematical processes and principles in macroeconomics to analyse and evaluate policy issues in the South African context, specifically, the current growth and development strategy ASGI-SA, of fiscal rules, the Reserve Bank's inflation targeting regime, exchange rate management and the mix of fiscal and monetary policy;
- c) Identify and investigate real world problems in macroeconomics as individual and/or in groups and communicate theoretical and ethical based solutions/arguments using appropriate knowledge of techniques and technology.

**Assessment:** Continuous Assessment and Formal Examination

**Pre-Requisites:** ECON111 and STFM111 or STFM112

**Credits:** 16

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**Module Code:** ECON212 Macroeconomics Applications

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Explain accurately and clearly the use of econometrics in solving a macroeconomic problem.
- b) Explain the assumptions of the classical linear model in using a simple regression model.
- c) Demonstrate the competence to identify and analyse a research question in the field of Macroeconomics, conduct a relevant literature search, apply basic statistics and econometric method (EViews) to analyse and interpret the research results and finally communicate the results to a specialist audience.

**Assessment:** Continuous Assessment and a Research Paper

**Pre-Requisites:** ECON111 and STFM111 or STFM112

**Credits:** 16

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**Module Code:** ECON221 Microeconomics

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Sound knowledge and understanding of relevant terms, rules, concepts, principles and theories to describe microeconomics and its application in the real world;
- b) Use theory driven arguments and IT skills to collect, organise, analyse and interpret as individual and/or group, information regarding microeconomic issues;
- c) Demonstrate problem solving abilities regarding consumer demand and choices, market structures and the behaviour of competitors, equilibrium analyses, micro policy, and government intervention in the economy in the form of taxation/subsidisation;
- d) Effectively communicate findings and/or solutions, coherently and reliable to an audience of peers and academics, using individual and/or group methods.

**Assessment:** Continuous Assessment and Formal Examination

**Pre-Requisites:** ECON211

**Credits:** 16

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**Module Code:** ECON222 Microeconomics Applications

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Explain accurately and clearly the use of econometrics in solving a microeconomic problem
- b) Explain the assumptions of the classical linear model in using a simple regression model.
- c) Demonstrate the competence to identify a research question in the field of Microeconomics,
- d) Conduct a relevant literature search, apply basic statistics and econometric method and use EViews to analyse and interpret the research results and finally communicate the results to a specialist audience

**Assessment:** Continuous Assessment and a Research Paper

**Pre-Requisites:** ECON211

**Credits:** 16

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**Module Code:** ECON311 Fiscal and Monetary Policy

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Demonstrate well-rounded and systematic knowledge of market failure and the role of government in the economy;
- b) Demonstrate as an individual and/or part of a group, the practical skills to identify instances of market failure in case studies and to recommend the appropriate forms of government intervention;
- c) 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.

**Assessment:** Continuous Assessment and Formal Examination

**Pre-Requisites:** ECON211 and ECON221

**Credits:** 16

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**Module Code:** ECON312 Public Policy Applications

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Explain accurately and clearly the use of econometrics in solving a public policy issue
- b) Explain the assumptions of the classical linear model in using a simple regression model.
- c) Demonstrate the competence to identify a research question in the field of public policy
- d) Conduct a relevant literature search, apply basic statistics and econometric method and use EViews to analyse and interpret the research results and finally communicate the results to a specialist audience

**Assessment:** Continuous Assessment and Formal Examination

**Pre-Requisites:** ECON211 and ECON221

**Credits:** 16

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**Module Code:** ECON321 Economic Analysis

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Demonstrate well-rounded and systematic knowledge of classical linear regression models and specification testing of regression results
- b) Demonstrate as individual and/or part of a group, the practical skills to estimate and test a regression model with EViews software, undertake specification testing, including testing for stationarity, structural breaks, multicollinearity, heteroscedasticity and autocorrelation, and to formulate solutions for practical problems in the field of Economic analyses;
- c) 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 then communicate the findings in an ethically sound oral presentation using the appropriate IT as well as in a mini dissertation of 20 pages.

**Assessment:** Continuous Assessment and Formal Examination

**Pre-Requisites:** ECON211, ECON221

**Credits:** 16

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**Module Code:** ECON322 Development Economics

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Demonstrate well-rounded and systematic knowledge of economic conditions in low and middle income economics and the structural characteristics of Least Developed Countries' economies;
- b) Apply critical understanding of terms, rules, principles and theories to analyse, interpret and evaluate, as an individual or in groups, economic performance, in low and middle income economies, and other economic development issues in order to take part in norm based arguments;
- c) Demonstrate well-developed information retrieval skills, analyse, interpret and evaluate the information to ethically deal with unfamiliar concrete and abstract problems in Development Economics;
- d) Communicate information in well-structured arguments in written assignments and oral presentations following prescribed formats while using appropriate technology.

**Assessment:** Continuous Assessment and Formal Examination

**Pre-Requisites:** ECON211, ECON221

**Credits:** 16

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**Module Code:** ECON323 International Economics

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Explain the functioning of the international monetary system.
- b) Analyse the various theories of international trade affecting the country's economic performance in the global context.
- c) Explain the influence which is exercised on the internal economy by external forces.

**Assessment:** Continuous Assessment and Formal Examination

**Pre-Requisites:** ECON211, ECON221

**Credits:** 16

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**Module Code:** ECON324 Quantitative Economics

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Apply the relevant mathematical tools and techniques to solve economic problems.
- b) Explain the reason for the use of Mathematics in Economics.
- c) Explain the mathematical tools and techniques that are often used in Economics.

**Assessment:** Continuous Assessment and Formal Examination

**Pre-Requisites:** None

**Credits:** 16

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## 9.2.2 Logistics Management

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**Module Code:** LMNM211 Introduction to Logistics

**Module Outcomes:** On completion of the module, students should be able to:

- a) Understand the role and importance of logistics in the economy and in business
- b) Apply the basic principles of demand management in business
- c) Identify various tactical logistics management processes
- d) Understand basic procurement principles
- e) Describe the nature and elements of reverse logistics
- f) Understand the basic concepts and principles related to international logistics

**Assessment:** Continuous Assessment and Formal Examination

**Pre-Requisites:** None

**Credits:** 16

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**Module Code:** LMNM221 Introduction to Logistics Activities

**Module Outcomes:** On completion of the module, students should be able to:

- a) Demonstrate knowledge and understanding of inventory concepts and apply basic formulas to solve inventory related problems.
- b) Demonstrate knowledge and understanding of the transport activity in logistics and critically analyse and synthesize appropriate information in order to make rational transport decisions from a logistics viewpoint.
- c) Demonstrate a knowledge and understanding of the basic principles of warehousing, goods handling and packaging.

**Assessment:** Continuous Assessment and Formal Examination

**Pre-Requisites:** None

**Credits:** 16

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**Module Code:** LMNM311 Models for Logistics Decisions Support

**Module Outcomes:** On completion of the module, students should be able to:

- a) Identify appropriate models and/or software systems that can be used for making decisions in various areas in the supply chain
- b) Identify and solve problems within a supply chain and logistics context, using appropriate models
- c) Demonstrate a coherent and critical understanding of the forecasting process and effectively select and apply appropriate forecasting techniques for different circumstances.

**Assessment:** Continuous Assessment and Formal Examination

**Pre-Requisites:** None

**Credits:** 16

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**Module Code:** LMNM312 Logistics Strategies and Customer Service

**Module Outcomes:** On completion of the module, students should be able to:

- a) Understand customer service as the output of Logistics and contribute to establishing profitable customer service strategies in business.
- b) Understand the supply chain management framework and the structure of a supply chain.
- c) Formulate a systematic process in planning and designing a logistics network
- d) Contribute to strategic logistics planning in business through understanding a strategic logistics plan and leading edge logistics strategies.

**Assessment:** Continuous Assessment and Formal Examination

**Pre-Requisites:** None

**Credits:** 16

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**Module Code:** LMNM321 Logistics Business Systems

**Module Outcomes:** On completion of the module, students should be able to:

- a) Understand and apply integrated supply chain information systems
- b) Select and apply appropriate techniques to solve problems relating to inventory management
- c) Motivate rational decisions on the ownership, location and number of facilities in a logistics network
- d) Select and apply appropriate techniques for logistics network design
- e) Apply the principles for the economic operation of vehicles and the principles for the routing and scheduling of vehicles

**Assessment:** Continuous Assessment and Formal Examination

**Pre-Requisites:** None

**Credits:** 16

---

**Module Code:** LMNM322 International Logistics

**Module Outcomes:** On completion of the module, students should be able to:

- a) Motivate the reasons for international trade and reflect on the differences between logistics for domestic and international trade
- b) Understand the role of the Bill of Lading in international transactions
- c) Select and apply appropriate international trade terms
- d) Select appropriate methods of payment for international transactions
- e) Apply essential procedures with regards importing and exporting products

**Assessment:** Continuous Assessment and Formal Examination

**Pre-Requisites:** None

**Credits:** 16

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### 9.2.3 Transport Economics

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**Module Code:** TECM111 Introduction to Transport Economics

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Explain the linking of production factors in the economy and the support transport renders to a variety of sectors in the economy.
- b) Analyse a particular market form within the transport sector.
- c) Describe the economic structure in the transport sector and recent developments.
- d) Describe the advantages of a well-balanced transport sector in improving the economic prosperity of a country in relation to its international position.
- e) Analyse the demand for transport and to make a selection between carriers in an informed manner.
- f) Understand the importance of the determination of costs and the application of such knowledge in the running of a transport operation.
- g) Describe pricing in the transport industry and explain how investment in transport will affect the economy.
- g) Explain the concepts involved in selection of a site from which a transport business can be conducted.
- h) Explain intermodalism and relate to transport application within the supply chain concept.

**Assessment:** Continuous Assessment and Formal Examination

**Pre-Requisites:** None

**Credits:** 12

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**Module Code:** TECM121 Road Freight Transport

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Understand the way in which a road transport operation is structured managerially as well as the approach to business by public and private transport operators. An understanding of the advantages and disadvantages of private transport will be obtained. This knowledge will be used to analyse the role of transport in the economy of a country.

- b) Conduct a transport audit, including decisions taken, activities embarked on and results achieved.
- c) Select the correct vehicle for a particular operation.
- d) Have knowledge on the replacement of vehicles.
- e) Obtain knowledge to assess the investment opportunity within the road freight transport industry.
- f) Identify and understand factors having an effect on vehicle costs and the determination of costing systems is studied.
- g) Have knowledge of vehicle maintenance policies and procedures.

**Assessment:** Continuous Assessment and Formal Examination

**Pre-Requisites:** None

**Credits:** 12

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**Module Code:** TECM211 Rail Transport Studies

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Understand the rail transport management and organisations as well as the historical developments of rail transport in South Africa.
- b) Understand the role of the rail transport in the economy.
- c) Select appropriate methods for tariff setting and costing rail services.
- d) Understand the factors which fully determine rail/road competition.
- e) Understand the legislative framework why rail services are franchised or concessioned locally and internationally.

**Assessment:** Continuous Assessment and Formal Examination

**Pre-Requisites:** None

**Credits:** 8

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**Module Code:** TECM212 Public Passenger Transport Studies

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Describe the characteristics of transport modes in terms of their "categories of separation" and reflect on the implications of each category for modal selection.
- b) Identify shortcomings in public transport research and public transport policy and reflect on their implications.
- c) Analyse the inter-relationships between the different components of the problem, and reflect on possible solutions to them.
- d) Evaluate the role of government in public passenger transport and apply concepts and principles of legislation and policy to public passenger transport, identifying and reflecting on problems and possible solutions in this regard.
- e) Distinguish between the formal and informal sector in public transport and comment on the advantages and disadvantages of each.

**Assessment:** Continuous Assessment and Formal Examination

**Pre-Requisites:** None

**Credits:** 8

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**Module Code:** TECM221 Aviation Studies

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Discuss the characteristics of the aviation industry as well as the trends regarding regulation, deregulation, liberalisation and globalisation.
- b) Discuss role players such as international air transport organisations and associations.
- c) Reflect on the demand and supply characteristics of the air transport industry.
- d) Discuss the way in which air transport costs are calculated and relationship thereof with tariff setting.
- e) Reflect on the role and function of airfreight transport.
- f) Write notes on the factors taken into account in the planning of an airport.
- g) Contribute towards the level of knowledge and in the transport sector and thereby positively influence the economy.

**Assessment:** Continuous Assessment and Formal Examination

**Pre-Requisites:** None

**Credits:** 8

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**Module Code:** TECM222 Maritime Transport Studies

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Describe the importance of shipping.
- b) Explain the role of shipping in the South African economy.
- c) Describe the objectives of the SADC maritime policy.
- d) Analyse the South African maritime policy and identify features of the South African shipping industry .
- e) Explain the importance of ports.
- f) Explain the concept of containerization, intermodalism and logistics management.

**Assessment:** Continuous Assessment and Formal Examination

**Pre-Requisites:** None

**Credits:** 8

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**Module Code:** TECM313 Transportation Planning

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Analyse international and national approaches to the transportation planning process in the public sector, reflecting on the skills and capabilities required by those involved.
- b) Plan and undertake research in the transportation planning field, including gathering, analysing and interpreting related information, using the appropriate management technology, and reflecting upon the research undertaken.
- c) Apply the management principles of organising and co-ordinating resources in a transportation-planning context, reflecting on the financial implications and the applications made.
- d) Evaluate the role of mobility and accessibility in people's lives, discussing transportation and society I identifying and reflecting on important demographic and socio-economic characteristics and reflecting on problems and possible solutions in these regards.
- e) Communicate effectively, in writing and/or orally, with respect to issues in transportation planning, and reflect upon the communication undertaken.

**Assessment:** Continuous Assessment and Formal Examination

**Pre-Requisites:** None

**Credits:** 16

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**Module Code:** TECM323 Transportation Policy Formulation and Analysis

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Critically discuss the theory of policy formulation and apply policy frameworks and instruments, reflecting on the application made and the issues of policy implementation;
- b) Discuss and evaluate the different stake holders in transport policy formulation and reflect on their individual roles, particularly in the context of a policy formulation forum;
- c) Identify and critically discuss the roles and responsibilities of a person involved in policy formulation and/or implementation, reflecting on future employment opportunities and skills required in this environment;
- d) Plan and undertake research with respect to the policy formulation process, including gathering, analysing and interpreting related information, using the appropriate management technology, and reflecting upon the research undertaken;
- e) Communicate effectively, in writing and/or orally, with respect to issues of transport policy, and reflect upon the communication undertaken;
- f) Make a contribution to the level of knowledge and professionalism in the transport sector; thus positively impacting on the economy and contributing to the redress of poverty in the country;
- g) Demonstrate a positive approach to different communities and a sensitivity for the social, economic and cultural differences and needs, particularly with respect to transport, within these communities; and



h) Apply the management principles of organising and co-ordinating resources in a transport policy formulation context, reflecting on the financial implications and the applications made.

**Assessment:** Continuous Assessment and Formal Examination

**Pre-Requisites:** None

**Credits:** 16

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## 9.2.4 Information Systems

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**Module Code:** INYM111 Introduction to Computers and Programming

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Demonstrate knowledge of the different components of a computer and of an information system as well as programming languages and the use thereof.
- b) Furthermore, the student should also be able to demonstrate the manipulation of spreadsheets through the application of knowledge of tables, calculations, transfer of data between different applications, functions and graphic representations;
- c) The student should be able demonstrate the ability to solve problems through design and implementation of structured programming, use of data manipulation and data representations and the application of "GUI" event-driven approach in a spreadsheet's development environment;
- d) Understand and demonstrate insight in ethical issues related to the broader IT industry and be aware of the risks and dangers that threaten the industry.

**Assessment:** Structured laboratory exercises, individual and team projects, assignments and a formal 3 hour examination.

**Pre-Requisites:** None

**Credits:** 12

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**Module Code:** INYM114 Computer Literacy for Human Sciences

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Identify various components of a computer system hardware and software;
- b) Demonstrate knowledge and skills that enable student to operate different computer applications;
- c) Communicate effectively in a broad spectrum of environment by using the appropriate software and communication-related tools;
- d) Make informed decisions when accessing, capturing and analyzing data, as well as manipulating, interpreting and processing information;
- e) Demonstrate good work habits in the use and care of the computer and related equipment;
- f) Understand the information and communication technology legislation and the unethical and the unethical invasion of privacy;
- g) Critical Cross Field Outcomes: Communication skills, self-management and technical skills.

**Assessment:** Tests, Structured laboratory exercises, individual and team projects, assignments

**Pre-Requisites:** None

**Credits** 12

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**Module Code:** INYM115 Computer Literacy For Natural Sciences

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Discuss the issue of computers and the unethical invasion of privacy networks and databases.
- b) Identify various components of a computer system;
- c) Describe uses of the most popular programming languages;
- d) Acquire knowledge and skills that enhance the competency to interact with different computer applications

- e) Communicate effectively in a broad spectrum of environment by using the appropriate software and communication-related tools;
  - f) Make informed decisions when accessing, capturing and analyzing data, as well as manipulating, interpreting and processing information.
  - g) Critical Cross Field Outcomes: Communication skills, self-management and technical skills
- Assessment:** Tests, Structured laboratory exercises, individual and team projects, assignments  
**Pre-Requisites:** None  
**Credits:** 12
- 

**Module Code:** INYM121 Computer Applications and Packages

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Explain importance of technology to future developments and to future knowledge worker productivity
- b) Explain and Identify methods for achieving productivity in knowledge work
- c) Apply the process of information analysis and application of information technology solutions
- d) Apply a GUI event-driven solution in a development environment
- e) Identify and explain criteria to decide between acquisition of software packages vs. custom development of software
- f) Critical Cross-Field Outcomes: Communication, self-management and technical skills, and working effectively as a group.

**Assessment:** Structured laboratory exercises, individual and team projects

**Pre-Requisites:** None

**Credits:** 12

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**Module Code:** INYM122 Visual Programming

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Analyze program requirements
- b) Design/develop programs with GUI interfaces
- c) Code programs and develop interface using Visual Basic .Net
- d) Perform tests, resolve defects and revise existing code

**Assessment:** Structured laboratory exercises, individual and team projects, assignments, tests and formal examination.

**Pre-Requisites:** INYM111 or equivalent

**Credits:** 12

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**Module Code:** INYM216 Object Oriented Programming

**Module Outcomes:** On completion of the module, the student should be able to:

- a) understand the fundamental principles of object-oriented design,
- b) Use an object-oriented programming language to solve basic problems by making use of object-oriented programming concepts;
- c) analyse and solve a problem by writing a structured, object-oriented program;
- d) discuss and use other numbers systems such as the binary numbers system and do basic calculations;
- e) do file handling and exception handling in an object-oriented programming language; and
- f) have basic knowledge of search, sorting and recursive methods.

**Assessment:** Tests, group interaction in case studies, project

**Pre-Requisites:** INYM122, INYM111

**Credits:** 16

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**Module Code:** INYM217 Computer Organization and Architecture

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Discuss and explain levels of computer architecture.
- b) Explain the regular operation of a computer in terms of the fetch-decode-execute cycle and the interaction between the instruction set architecture and the computer organization.

- c) Trace and explain the result(s) of the execution of a given instruction or sequence of instructions in a subset of assembly language.
- d) Write modular assembly language programs that execute to given specifications, terminate normally, are well documented, and are readable.
- e) Install and configure computer hardware.
- f) Understand and apply the major components of an operating system and how they interact.
- g) Identify classes of peripheral devices and implement the principles of operation and software requirements and functions provided for each type of device.

**Assessment:** Structured laboratory exercises, individual and team projects, assignments and/or formal examination

**Pre-Requisites:** INYM122 and INYM111

**Credits:** 16

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**Module Code:** INYM218 Systems Analysis and Design

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Propose solutions to information systems problems by creating models, using techniques such as entity-relationship diagrams, dataflow diagrams, organization charts, network diagrams, data dictionaries, UML, and CASE tools.
- b) Communicate problem solutions through written documentation and an oral report.
- c) Define terms of the systems analyst's technical vocabulary.
- d) Recognize flaws in organizational structure when they affect information systems.
- e) Describe in detail the steps in the system life cycle.
- f) Plan for and ensure the security, integrity and privacy of data.

**Assessment:** Individual and team projects, assignments, field reports, class presentations

**Pre-Requisites:** INYM111 and

**Credits:** 16

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**Module Code:** INYM219 Business Information Systems

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Identify the various types of organizational information systems
- b) Describe these types of information systems in detail
- c) Evaluate business needs and recommend suitable information systems
- d) Discuss various information system development methodologies
- e) Design a prototype information system for some chosen organizational system
- f) Advise and recommend suitable IS for different business requirements.

**Assessment:** Formal examination, tests, assignments, and practical projects

**Pre-Requisites:** INYM111 and INYM 122

**Credits:** 16

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**Module Code:** INYM225 Electronic Business

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Discuss basic concepts of E-business.
- b) Discuss and explain theoretical and practical issues of conducting business over the internet and the Web.
- c) Identify the importance of e-business and its impact on traditional organizations
- d) Develop an e-business strategy.
- e) Research and evaluate a wide range of existing e-business operations (both web sites and business activities) .
- f) Design and produce a basic e-business web site and specify the off-line activities that would support it.

**Assessment:** Laboratory Exercises, Individual and Team Projects, Assignments & Presentations.

**Pre-Requisites:** INYM218 & INYM111

**Credits:** 16

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**Module Code:** INYM226 Introduction to Databases

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Acquire the fundamental knowledge of database systems as well as web-based applications.
- b) Design normalized databases from users' requirements using E-R diagram. Know the rules to convert an E-R Diagram to Relational schema (tables).
- c) Employ SQL queries effectively to define and manipulate the databases.
- d) Employ PHP language effectively to access and present the data from the database.
- e) Implement a significant web-based application in PHP and MySQL. This application can be built from scratch or from an open-source framework.

**Assessment:** Written tests and examination, assignments, practical work and oral presentations.

**Pre-Requisites:** INYM218

**Credits:** 16

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**Module Code:** INYM228 Computer Systems and Networks

**Module Outcomes:** On completion of the module, the student should be able to:

- a) describe what a layered network communication model is, and describe at least one such model in detail
- b) name several protocol suites and indicate their relationship to standard models such as the ISO Model for Open Systems Interconnection
- c) Choose appropriate network hardware for real or hypothetical networks.
- d) identify security and privacy issues that relate to computer networks
- e) Solve mathematical problems in such domains as: bandwidth & data rate, Hamming codes, cyclic redundancy check

**Assessment:** Individual assignments, group discussions, tests, and examination

**Pre-Requisites:** INYM111, INYM 219

**Credits:** 16

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**Module Code:** INYM229 Web Programming and System Software

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Demonstrate the use of general scripting concepts.
- b) Write dynamic, web-based programs that involve user input.
- c) Identify the constructs of the chosen programming language that are used for sequential, conditional, and iterative programming as well as modular constructs.
- d) Furnish proof that he/she disposes of sufficient knowledge of and insight in the principles according to which operating systems work as well as the ways in which they are implemented in operating systems such as, for example, UNIX/LINUX and DOS/Windows.
- e) Furnish proof of his/her ability to install operating systems on a computer.
- f) Furnish proof of his/her ability to use Linux instructions and utility programs.
- g) Manage files, use system utilities and tools, and manage tasks on two computing platforms.
- h) Define and identify terms related to computer systems, telecommunications, and networking.
- i) Manipulate and configure system resources.

**Assessment:** Individual assignments, group discussions, tests, and examination.

**Pre-Requisites:** INYM 111, INYM219, INYM122, INYM216

**Credits:** 16

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**Module Code:** INYM313 Database Systems

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Identify the advantages and the disadvantages of database.
- b) Use a graphical user interface to create/modify database structure.
- c) Use database query language to create/modify the data user.

- d) Design & develop database applications of moderate complexity from the user needs including menu-driver user interface for processing the database.
- e) Identify the concerns prevalent in multi-user database processing.

**Assessment:** Structured laboratory exercises, individual and team projects, assignments, oral presentations and seminars

**Pre-Requisites:** INYM226, and INYM218

**Credits:** 16

---

**Module Code:** INYM314 Project Management for Information Systems

**Module Outcomes:** On completion of the module, the student should be able to:

- a) The operational challenges of managing projects as distinct from the challenges of managing processes
- b) The fundamentals of project scheduling, including scheduling projects under uncertainty and resource constraints.
- c) Risk analysis in Project Management

**Assessment:** Structured laboratory exercises, individual and team projects, assignments, field reports, oral presentations and seminars

**Pre-Requisites:** INYM218

**Credits:** 16

---

**Module Code:** INYM 316: Computer Networks and Cryptology

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Acquire a thorough understanding of the TCP/IP model and functions of its four composite layers .
- b) Appreciation of the associated protocols in an over viewing context.
- c) Understand communications technologies well enough to analyze and design business data network applications.
- d) Evaluate, select, and implement communication options within organizations.
- e) Consider, security, and business related issues as they relate to the field.
- f) describe TCP/IP security architecture;
- g) describe common security standards and protocols for network security applications.
- h) describe the encryption and decryption techniques and their implementation.

**Assessment:** Projects, lab practicals tests and a formal examination

**Pre-Requisites:** INYM219, INYM227, INYM 229

**Credits:** 16

---

**Module Code:** INYM 326 Business Wireless and Mobile Networking Systems

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Describe the basic components of a wireless network from the mobile unit through to the backbone infrastructure.
- b) Explain the various wireless access methods and associated networking systems.
- c) Define various terms associated with wireless data networking and third/future generation systems.
- d) Identify the key players in the wireless data networking arena and their strategic directions
- e) Explain WAP and its components.
- f) Differentiate and identify wireless Internet components.

**Assessment:** Projects, lab practicals tests and a formal examination

**Pre-Requisites:** INYM 316

**Credits:** 16

---

**Module Code:** INYM327 Management of Information Technology

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Apply simple methods of analysing and solving IT related problems requiring management attention.

- b) Understand configuration of business processes that are necessary to run the corporation and their relationships with legacy systems and other functional applications.
- c) Design a framework for evaluating strategies; design application architecture to provide the information needed for decision making and knowledge management.
- d) Understand the concept of ERP and how it is implemented in business processes; describe the role of collaborative systems in developing more flexible, fast response organisations.
- e) Make intelligent choices about computer architectures and platforms with emphasis on both organisational integration and flexibility

**Assessment:** Structured laboratory exercises, individual and team assignments, field reports, oral presentations, Case studies, Exams

**Pre-Requisites** INYM111, INYM 216

**Credits:** 16

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**Module Code:** INYM328 Information Systems Project

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Demonstrate Problem Solving
- b) Demonstrate application of theoretical knowledge (scientific / or otherwise)
- c) Demonstrate the understanding of Design concepts.
- d) Demonstrate Professional and technical writing and oral communication.

**Assessment:** Individual project, oral presentations, demonstrations and a formal report

Final Exam will focus on the following three key components:

- **Oral presentation:** Language: articulation, fluency, grammar etc .Organization of talk: logical flow of thought, time keeping, and coverage .Posters/Slides: Clarity, neatness, congestion, and logical flow of content.
- **Report Writing:** Format, organization, completeness, content.
- **Design:** Adherence to Specification, relevance and depth of feasibility study, justification of proposed solution system design, detailed design, simulation, implementation, performance evaluation.

**Pre-Requisites:** All level 1 , II modules and level III 1<sup>st</sup> semester modules

**Credits:** 16

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**Module Code:** INYM329 Artificial Intelligence

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Description of what Artificial Intelligence means and how machines can be made to process information intelligently.
- b) Identifying the different fields that comprise Artificial Intelligence, namely search techniques, game playing, automated reasoning, problem solving, natural language processing, expert systems, knowledge based systems, pattern recognition, computer vision, robotics, machine learning and heuristics.
- c) Writing computer programs and/or use shell programs that solve problems intelligently.
- d) Writing programs in artificial Intelligent methods.
- e) Writing programs to implement AI in areas such as: robotic hardware, visual processing, knowledge representation, intelligent search techniques and heuristics.

**Assessment:** Practical case study demonstrations, individual and team projects, assignments and presentations, tests and formal examination

**Pre-Requisites:** INYM226, INYM 216, INYM 122

**Credits:** 16

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## 9.2.5 Statistics - Operations Research

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**Module Code:** STOM211 Introduction to Operations Research

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Present linear programming models
- b) Construct linear programming models using computer applications
- c) Apply simplex methods to solve linear programming models
- d) Determine the dual situation of the linear programming problems
- e) Identify the decision variables of linear programming model

**Assessment:** Continuous assessment and formal examination

**Pre-Requisites:** STFM121

**Credits:** 12

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**Module Code:** STOM222 Network Analysis

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Define the decision variables of the network models
- b) Construct the networks
- c) Calculate the minimum costs of the network models
- d) Use the computer software packages to solve the network models
- e) Develop the models used in transportation analysis

**Assessment:** Continuous assessment and formal examination

**Pre-Requisites:** STOM211

**Credits:** 12

---

**Module Code:** STOM311 Dynamic Programming and Game Theory

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Define the decision variables used in game theory and dynamic programming
- b) Determine the optimal allocations of resources
- c) Derive the formulae used in allocating resources
- d) Estimate the parameters of the resource allocation problems
- e) Identify data to be used in game theory and dynamic programming

**Assessment:** Continuous assessment and formal examination

**Pre-Requisites:** STOM221

**Credits:** 16

---

**Module Code:** STOM312 Inventory Control, Production Planning and Scheduling

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Define the decision variables of the inventory control and scheduling theory
- b) Calculate the optimal order quantities
- c) Derive formulae of inventory control and scheduling
- d) Recommend sequence of jobs to be processed by the machines
- e) Identify data to be used in inventory control and scheduling

**Assessment:** Continuous assessment and formal examination

**Pre-Requisites:** STOM211

**Credits:** 16

---

**Module Code:** STOM321 Decision Theory and Reliability Theory

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Determine the reliability of a component or a system in a manufacturing process
- b) List the alternative strategies in decision-making situations
- c) Recommend the best strategy to be used in decision-making situations

d) Derive formulae used in reliability and decision theories

e) Identify data to be used in reliability and decision theories

**Assessment:** Continuous assessment and formal examination

**Pre-Requisites:** STOM311 and STOM312

**Credits:** 16

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**Module Code:** STOM322 Stochastic Processes

**Module Outcomes:** On completion of the module, the student should be able to:

a) Select the best order of processing orders

b) Define the decision variables in queuing theory

c) Derive the formulae used in queuing theory

d) Calculate the average service and arrival rates

e) Identify data to be used in queuing and Markovian processes.

**Assessment:** Continuous assessment and formal examination

**Pre-Requisites:** STOM311 and STOM312

**Credits:** 16

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## 9.2.6 Statistics

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**Module Code:** STFM111 Introduction to Statistics

**Module Outcomes:** On completion of the module, the student should be able to:

a) Recognize the importance of statistics in both the private and public sectors

b) Summarize the data into a few summary measures (e.g. mean and standard deviation).

c) Do simple statistical analysis. Organize, tabulate and graphically present sets of data

d) Perform regression analysis and correlation coefficient between variables

e) Calculate interest and annuities

**Assessment:** Continuous assessment and formal examination

**Pre-Requisites:** Mathematics Level 4

**Credits:** 12

---

**Module Code:** STFM112 Basic Statistics

**Module Outcomes:** On completion of the module, the student should be able to:

a) Define and solve problems using statistical procedures.

b) Collect statistical data in the work situation.

c) Organise, tabulate and Graphical presents sets of data.

d) Calculate measures of central tendency e.g. arithmetic mean, and variance.

e) Perform correlation coefficients between variables.

**Assessment:** Continuous assessment and formal examination

**Pre-Requisites:** Basic Mathematics

**Credits:** 12

---

**Module Code:** STFM121 Inferential Statistics and Operations Research

**Module Outcomes:** On completion of the module, the student should be able to:

a) Calculate confidence interval and formulate the hypothesis test.

b) Use Chi-square test on categorical data to test dependency between variables

c) Interpret and calculate ANOVA table and non-parametric statistics in real life situations

d) Use Operations Research algorithms in solving problems



**Assessment:** Continuous assessment and formal examination  
**Pre-Requisites:** STFM111  
**Credits:** 12

---

**Module Code:** STFM122 Introduction to Financial Mathematics

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Calculate the simple and compound interest
- b) Calculate simple discount
- c) Calculate the present value of a debt
- d) Use rules of partial payment to financial data sets
- e) Calculate and Analyse the rates of interest

**Assessment:** Tests, tutorials, assignments and final examination

**Pre-Requisites:** Basic Mathematics

**Credits:** 12

---

**Module Code:** STFM123 Introduction to Business Statistics

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Summarise and interpret business data.
- b) Apply basic probability distributions in Accounting, Auditing and Finances.
- c) Compute ANOVA and do the hypothesis testing and estimations.
- d) Use simple linear regression analysis in modelling and prediction.
- e) Compute simple and compound interests and annuities.

**Assessment:** Tests, tutorials, assignments and final examination

**Pre-Requisites:** Basic Mathematics

**Credits:** 12

---

**Module Code:** STFM125 Introduction to Mathematical Statistics

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Apply probability theory to decision making situations.
- b) Calculate derivatives to minimize cost function.
- c) Apply matrices in solving equations.
- d) Determine the area under the curve using integrals.
- e) Use a computer to perform matrix operations and hypothesis testing.

**Assessment:** Tests, tutorials, assignments and final examination

**Pre-Requisites:** Basic Mathematics

**Credits:** 12

---

**Module Code:** STFM113 Mathematical Techniques

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Apply mathematical function concept from examples which include exponential and logarithmic functions
- b) Use a solution method for systems of linear equations; matrix algebra, linear programming problems in more than two variables
- c) Analyse the rate of change of mathematical functions with differentiation as a facilitating technique to analyse the properties of functions
- d) Define mathematical concepts correctly, to recognise the applicability of these concepts in practical situations, to formulate it in mathematical symbols, and to obtain new information in those situations by applying the relevant properties and differentiation or linear algebra computation techniques, which include standard cases of the simplex method.

**Assessment:** Continuous assessment and formal examination  
**Pre-Requisites:** Matric Mathematics LG  
**Credits:** 16

---

**Module Code:** STFM211 Distribution Theory with Simulation

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Define functions of random variables
- b) Apply some theoretical probability distributions, the central limit theorem, etc in real-life situation
- c) Apply the suitable sampling method to a research situation
- d) Determine the suitable sample size for a particular experiment or survey
- e) Analyse the relationship of samples to populations and central limit theory

**Assessment:** Continuous assessment and formal examination

**Pre-Requisites:** STFM121 or STFM125

**Credits:** 8

---

**Module Code:** STFM212 Statistical Inferences with Non-Parametric

**Module Outcomes:** On completion of the module, the student should be able to:

- a) State and prove the Bayes theorem
- b) Use confidence intervals to estimate population parameters
- c) Infer on the population using samples (i.e. hypothesis testing)
- d) Calculate the power of test and chi-square statistic
- e) Derive Chebychev's theorem and apply non-parametric statistic to real life data sets

**Assessment:** Continuous assessment and formal examination

**Pre-Requisites:** STFM121

**Credits:** 8

---

**Module Code:** STFM221 Experimental Design with Survey Sampling

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Name the design of experiment suitable for an experiment
- b) Organise or prepare the data for Analysis of Variance (ANOVA)
- c) Apply different designs of experiments in real-life situations
- d) Apply the principles of experimental design
- e) Analyse the experimental data in real-life situations

**Assessment:** Continuous assessment and formal examination

**Pre-Requisites:** STFM111 and STFM121

**Credits:** 8

---

**Module Code:** STFM222 Categorical Data Analysis

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Name and use the right statistical method of regression model to be used to analyse the categorical data
- b) Apply the chosen statistical method (e.g. chi-square test) correctly regarding the assumptions to real-life situations
- c) Demonstrate the ability to identify a limited-dependent variable
- d) Demonstrate the ability to use a computer to fit regression models
- e) Analyse categorical data using say the chi-square test, logistic, probit modelling or the tobit model

**Assessment:** Continuous assessment and formal examination

**Pre-Requisites:** STFM111 and STFM121

**Credits:** 8

---

**Module Code:** STFM223 Statistical Computing

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Draw and interpret graphs and charts using computer programmes
- b) Construct multivariate regression models
- c) Prepare data files and organize large sums of data
- d) Use a computer to approximating probabilities and percentage points of selected probability distributions
- e) Summarise, validate and analyse data using computer programmes

**Assessment:** Continuous assessment, present a project report on a practical computing problem and formal examination.

**Pre-Requisites:** STFM211 and STFM212

**Credits:** 8

---

**Module Code:** STFM311 Regression Analysis and Multivariate Techniques

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Interpret the multivariate normal distributions
- b) Apply multiple regression analysis in real-life situations
- c) Apply principal component to analyse large data sets
- d) Use factor analysis to load factors when constructing multivariate normal data set
- e) Design and calculate cluster and discriminant analysis

**Assessment:** Continuous assessment and formal examination

**Pre-Requisites:** STFM211 and STFM212

**Credits:** 16

---

**Module Code:** STFM312 Time Series Analysis

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Draw time series plots
- b) Use smoothing and decomposition methods to short term forecasting
- c) Identify and fit suitable statistical models to two time series data
- d) Develop ARIMA processes
- e) Model, validate and forecast time series data

**Assessment:** Continuous assessment and formal examination

**Pre-Requisites:** STFM211 and STFM212

**Credits:** 16

---

**Module Code:** STFM322 Econometric Methods

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Define and explain what "econometrics" is all about
- b) Organise and code data for econometrics analysis
- c) Investigate the data for multicollinearity, heteroscedasticity, autocorrelation and outliers and be able to check the fitted model for any violation of the assumptions (I.e. diagnostic testing)
- d) Estimate a linear model
- e) Estimate a non-linear model

**Assessment:** Continuous assessment and formal examination

**Pre-Requisites:** STFM311

**Credits:** 16

---

**Module Code:** STFM322 Forecasting Methods

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Model time series data by simple and multiple regression and the Box-Jenkins methods
- b) Apply regression and the Box-Jenkins methods

- c) Identify a time series model
- d) Estimate the parameters of the identified model
- e) Estimate the parameters of the identified model
- f) Perform diagnostic checks on the estimated model to assess the goodness-of-fit

**Assessment:** Continuous assessment and formal examination

**Pre-Requisites:** STFM311 and STFM312

**Credits:** 16

---

**Module Code:** STTN122 Introduction to Descriptive Statistics

**Module Outcomes:** On completion of the module, the student should be able to:

- a) have a synoptic appreciation of selected statistical topics;
- b) perform elementary calculations regarding the normal distribution;
- c) determine point and interval estimation and to determine sample size for simple practical applications;
- d) perform hypothesis testing regarding location for one- as well as two-sample cases; and
- e) apply basic regression methods, time series analysis procedures and interpret index numbers.

**Assessment:** Continuous assessment and formal examination

**Pre-Requisites:** None

**Credits:** 16

---

**Module Code:** WISN 112 Advanced Mathematical Techniques

**Module Outcomes:** On completion of the module, the student should be able to:

- a) use basic mathematical techniques to master the following at a more advanced level: the function concept according to examples that include exponential and logarithmic functions; a solution method for systems of linear equations; matrix algebra; linear programming problems in more than two variables; analysis of the tempo at which functions change.
- b) The student will have developed the ability to identify the concepts in practical situations, analyse them, formulate them in mathematical symbols and then to suggest solution probabilities.
- c) Additionally, the work ought to be done individually and in groups and solutions ought to be communicated by means of appropriate IT.

**Assessment:** Continuous assessment and formal examination

**Pre-Requisites:** None

**Credits:** 12

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## 10 SCHOOL OF MANAGEMENT SCIENCES

### 10.1 Module Summary

Module Code	Description	Pre-Requisite(s)	Credits
BMAN111	Introduction to Business Management		12
BMAN121	General Management		12
BMAN211	Introduction to Marketing Management	BMAN121	12
BMAN218	Personal Financial Management		16
BMAN219	Entrepreneurship and Business Opportunities		16
BMAN221	Purchasing Management and Supply Chain Management	BMAN121	16
BMAN222	Creative Entrepreneurship		16
BMAN227	Entrepreneurship and Financial Aspects in SMME's	ACCS111, ACCS121	16
BMAN229	Investment and Financial Risk Management	BMAN221	16
BMAN311	Financial Management	BMAN121;ACCS111;ACCS121	16
BMAN313	Production and Operations Management	BMAN121, BMAN221	16
BMAN321	Strategic Management and Business Policy	BMAN311	16
BMAN326	Project Management		16
BMAR211	Services Marketing	BMAN211	16
BMAR212	Specialised Marketing	BMAN211	16
BMAR221	Consumer Behaviour	BMAN211	16
BMAR311	Product Decision	BMAN211	16
BMAR312	Pricing and Distribution Decisions	BMAN211	16
BMAR313	Strategic Marketing	BMAN211	16
BMAR321	Marketing Research	BMAN211	16
BMAR322	Integrated Marketing Communication	BMAN211	16
BMAR324	Advertising and Sales Promotions	BMAN211	16
BMAR325	Sales Management	BMAR221	16
BRMM221	Business Research Management	BMAN121	16
CFDM111	Introduction to Public Administration		12
CFDM121	Introduction to Public Administration	CFDM111	12
DMTM317	Community Participation in Development Programmes and Projects		16
DMTM327	Environmental Development Management		16
DMTM328	International Development Management		16
HRMA111	Introduction to Human Resource Management		12
HRMA121	The Functions of Human Resource Management		12
HRMA211	Training and Development	HRMA111 and HRMA121	16
HRMA221	Performance Management and Rewards	HRMA111 and HRMA121	16
HRMA311	Employee Relations and Employment Legislation	HRMA211 and HRMA221	16
HRMA321	Strategic Human Resource Management	HRMA211 and HRMA221	16
IOPS111	Introduction to Industrial Psychology		12
IOPS121	Basic Concept of Organisational Behaviour		12

Module Code	Description	Pre-Requisite(s)	Credits
IOPS212	Consumer Psychology	IOPS111 and IOPS121	16
IOPS221	Career Psychology		16
IOPS311	Organisational Psychology		16
IOPS321	Psychometrics and Research Methodology		16
LGAM115	Introduction to Local Government and Administration		12
LGAM216	Local Economic Development	LGAM115	16
LGAM227	Developmental Local Government	LGAM115	16
LGAM228	Municipal Service4 Partnerships	LGAM115	16
LGAM317	Governance and Ethics	LGAM227	16
LGAM318	Financial Management in Local Government	LGAM228	16
LGAM327	Housing Policy and Management	LGAM216;LGAM227;LGAM228	16
LGAM328	Comparative Local Government Administration	LGAM216;LGAM227;LGAM228	16
PAYM117	Principles and the Practice of Public Administration		12
PAYM118	Introduction to Public Administration		12
PAYM126	Public Management		12
PAYM128	Organization of Government and Administration		12
PAYM211	Public Financial Resource Management	PAYM118, PAYM128	16
PAYM212	Development Management	PAYM118, PAYM128	16
PAYM221	Public Human Resource Management	PAYM118, PAYM 128	16
PAYM222	Developmental Local Government and Administration	PAYM118, PAYM 128	16
PAYM311	Organisational and Administrative Theories	PAYM211, PAYM221	16
PAYM312	Research Methods in Public Administration	PAYM211, PAYM221	16
PAYM321	Governmental Policy Analysis	PAYM211,PAYM221	16
PAYM322	Comparative and International Administration	PAYM211, PAYM221	16
PSDT111	Professional Skills Development		12
WVES221	Understanding the Economic World		
WVES311	Business Ethics	WVES221	

## 10.2 Module Outcomes

### 10.2.1 Industrial Psychology

**Module Code:** IOPS111 Introduction to Industrial Psychology

**Module Outcomes:** On completion of the module, the student should be able to:

- Describe the fundamentals of Industrial Psychology
- Interpret the basic psychological principles
- Define the role of Industrial Psychology
- Use principles of Industrial Psychology i.e. Motivation
- Identify basic theories in Industrial Psychology

**Assessment:** Continuous Assessment and Formal Examination

**Pre-Requisites:** None

**Credits:** 12

---

**Module Code:** IOPS121 Basic Concepts of Organisational Behaviour

**Module Outcomes:** On completion of the module, the student should be able to:

- a) demonstrate knowledge of the nature and importance of a safe and healthy work environment that enhances the quality of the work life of employees;
- b) show insight into the problems that workers experience regarding safety, health, quality of work life and the human-technology interaction;
- c) demonstrate knowledge of the application of ergonomics by designing models to fit body posture, the office/work environment, designing for special populations and the practical application of the models by means of the ergonomics checklist;
- d) demonstrate knowledge of the connection between work and psychological well being (e.g. Psychological adjustment);
- e) know the determinants and causes of work maladjustment and the implications thereof for safety;
- f) demonstrate knowledge of the types of work dysfunctions and other work-related and organisational maladjustments;
- g) demonstrate knowledge of the ways in which organisations should go about to ensure a safe and healthy work environment conducive to improving the quality of work life; and
- h) demonstrate knowledge of the most important provisions of the Occupational Health and Safety Act (Act 85 of 1993) in maintaining safe and healthy work environments.

**Assessment:** Continuous Assessment and Formal Examination

**Pre-Requisites:** None

**Credits:** 12

---

**Module Code:** IOPS212 Consumer Psychology

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Explain the influence on buyer behaviour
- b) Apply the difference models of buyer behaviour
- c) Demonstrate knowledge of the influence of culture on buyer behaviour
- d) Determine effective promotional strategy
- e) Distinguish between different strategies of influencing buyer behaviour

**Assessment:** Continuous Assessment and Formal Examination

**Pre-Requisites:** IPSM211

**Credits:** 16

---

**Module Code:** IOPS221 Career Psychology

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Explain the importance of Career Management
- b) Demonstrate the relevance of life cycles to career stages
- c) Apply the different theories of career choice.
- d) Investigate and advise individuals on the different strategies used for career management.
- e) Determine implications for careers when organisations experience change, e.g. restructuring.

**Assessment:** Continuous Assessment and Formal Examination

**Pre-Requisites:** IPSM111 & IPSM121

**Credits:** 16

---

**Module Code:** IOPS311 Organisational Psychology

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Explain the influence of individual, group and organisational structure variables on satisfaction, absenteeism, labour turnover and productivity
- b) Apply theories of organisational behaviour (OB)
- c) Compare and contrast theories (OB) from different schools of thought
- d) Identify the implications of individual and group behaviour to management

e) Suggest ways of explaining, predicting and controlling behaviour of employees in organisations

**Assessment:** Continuous Assessment and Formal Examination

**Pre-Requisites:** None

**Credits:** 16

---

**Module Code:** IOPS321 Psychometrics and Research Methodology

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Understand the history of psychological testing
- b) Understand the various types of testing
- c) Understand the measurement concepts of central tendency, variability, distribution and correlation
- d) Understand the concepts of reliability and validity and apply this knowledge in evaluating test and interpreting assessments
- e) Understand the principles of test construction and standardization
- f) Develop the ability to select test for specific purposes
- g) Understand how aspects of individual and group differences influence testing and scores
- h) Develop the ability to administer, score and interpret psychological tests
- i) Analyse various research methods, their strengths, weaknesses and limitations and write a research proposal.

**Assessment:** Continuous Assessment and Formal Examination

**Pre-Requisites:** None

**Credits:** 16

---

**Module Code:** PSDT111 Professional Skills Development

**Module Outcomes:** On completion of the module, the student should be able to:

Outcome 1: demonstrate personal attributes, such as self-management, taking responsibility and being motivated;

Outcome 2: know and demonstrate insight into the role of group dynamics, demonstrate an ability to work in a group, lead a group and manage diversity;

Outcome 3: demonstrate an ability to manage change; and

Outcome 4: demonstrate the ability to do career planning and understand the chosen career environment.

**Assessment:** Continuous Assessment and Formal Examination

**Pre-Requisites:** None

**Credits:** 12

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## 10.2.2 Human Resource Management

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**Module Code:** HRMA111 Introduction to Human Resource Management (HRM)

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Apply in practice his knowledge of evaluation techniques.
- b) Understand the different HRM functions.
- c) Understand the interdependency of the HRM functions, and their importance to organisational well being
- d) Distinguish between the various fields of specialisation within HRM.

**Assessment:** Continuous Assessment and Formal Examination

**Pre-Requisites:** None

**Credits:** 12

---

**Module Code:** HRMA121 The Functions of Human Resource Management

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Recruit, select, place and evaluate employees.



- b) Advise on reward systems.
- c) Recognise the importance of the role and functions of the HRM department.

**Assessment:** Continuous Assessment and Formal Examination

**Pre-Requisites:** None

**Credits:** 12

---

**Module Code:** HRMA211 Training and Development

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Understand the macro milieu of training and development in South Africa.
- b) Implement a training programme.
- c) Evaluate a training programme
- d) Determine training needs.
- e) Design a training programme.

**Assessment:** Continuous Assessment and Formal Examination

**Pre-Requisites:** HRNM111 and HRNM121

**Credits:** 12

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**Module Code:** HRMA221 Performance Management and Rewards

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Know the importance of extensive stakeholder consultation prior to the design and implementation of both a performance management system as well as a reward system.
- b) Evaluate the effectiveness of both systems.
- c) Do a job description and a job analysis.
- d) Conduct an effective reward system analysis prior to implementation.
- e) Construct and design a performance management system.
- f) Understand the importance of performance management to ensure organisational productivity.

**Assessment:** Continuous Assessment and Formal Examination

**Pre-Requisites:** HRNM111; HRNM121

**Credits:** 12

---

**Module Code:** HRMA311 Employee Relations and Employment Legislation

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Interpret different perspectives/approaches in industrial relations
- b) Apply disciplinary/grievance procedures
- c) Design retrenchment policies
- d) Analyse industrial actions
- e) Develop recognition agreements

**Assessment:** Continuous Assessment and Formal Examination

**Pre-Requisites:** HRNM211 & HRNM221

**Credits:** 12

---

**Module Code:** HRMA321 Strategic Human Resource Management

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Explain the various strategic approaches.
- b) Recognise, explain and appreciate the importance of strategic HRM in private and public sector organisations.
- c) Understand and apply HRM strategy.
- d) Analyse human resource needs.

**Assessment:** Continuous Assessment and Formal Examination  
**Pre-Requisites:** HRNM211 & HRNM221  
**Credits:** 12

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### 10.2.3 Management

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**Module Code:** MANM111 Introduction to Management and Management Processes

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Describe the types of Business firms in South Africa
- b) Explain the concepts of needs and needs satisfaction.
- c) Explain the importance of management within organisations.
- d) Utilise basic planning, organise, leading, motivation and controlling in business organisation and public sector departments as the pillars of the management process.
- e) Analyse the role of management is playing in converting inputs from the environment into goods and services.

**Assessment:** Continuous Assessment and Formal Examination  
**Pre-Requisites:** None  
**Credits:** 12

---

**Module Code:** MANM112/ BMAN111 Introduction to Business Management

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Demonstrate knowledge of the systematic nature of business management and the issues associated with the establishment of new businesses.
- b) Demonstrate comprehensive knowledge of the different business functions.
- c) Demonstrate ability to execute a SWOT analysis and draw up a business plan.
- d) Prepare and present written and oral reports individually or as part of a team to audiences.

**Assessment:** Continuous Assessment and Formal Examination  
**Pre-Requisites:** None  
**Credits:** 12

---

**Module Code:** BMAN121 General Management

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Demonstrate comprehension of the role of managers in organisations while appreciating human resource and change management issues.
- b) Demonstrate that organisations operate as systems.
- c) Analyse information and make informed decisions.
- d) Demonstrate leadership and motivational skills.

**Assessment:** Continuous Assessment and Formal Examination  
**Pre-Requisites:** None  
**Credits:** 12

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**Module Code:** BMAN211 Introduction to Marketing Management

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Explain the nature of marketing management.
- b) Apply marketing management theories in practical situations.
- c) Demonstrate an understanding of the processes of market segmentation, targeting and positioning.
- d) Practically apply the marketing matrix.

**Assessment:** Continuous Assessment and Formal Examination  
**Pre-Requisites:** MANM121  
**Credits:** 12

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**Module Code:** BMAN218 Personal Financial Management

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Demonstrate ability to understand the importance of personal financial planning.
- b) Demonstrate comprehension of career planning.
- c) Analyse investment opportunities.
- d) Evaluate banking services.

**Assessment:** Continuous Assessment and Formal Examination

**Pre-Requisites:** None

**Credits:** 16

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**Module Code:** BMAN219 Entrepreneurship and Business Opportunities

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Demonstrate knowledge of the concept of entrepreneurship and the importance of entrepreneurs to the economy.
- b) Evaluate the internal and external problems of small businesses.
- c) Conduct feasibility.
- d) Demonstrate ability to initiate and organise operations in a small business.

**Assessment:** Continuous Assessment and Formal Examination

**Pre-Requisites:** None

**Credits:** 16

---

**Module Code:** BMAN221 Purchasing Management and Supply Chain Management

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Demonstrate comprehensive knowledge of the activities and processes involved in purchasing and supply chain management.
- b) Compile purchasing procedures and formulate a purchasing policy.
- c) Analyse purchasing related information and make informed decisions.
- d) Demonstrate ability to apply computer soft ware in inventory management.

**Assessment:** Continuous Assessment and Formal Examination

**Pre-Requisites:** BMAN121

**Credits:** 16

---

**Module Code:** BMAN222 Creative Entrepreneurship

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Demonstrate an understanding of the concept of creative entrepreneurship.
- b) Identify opportunities for creative entrepreneurship and convert them into feasible ideas.
- c) Identify and evaluate environments for the establishment of projects.
- d) Demonstrate the ability to implement creative problem-solving techniques.
- e) Generate ideas within a group context.
- f) Demonstrate the ability to prepare a report as an individual or as a part of a team and to communicate these results in writing as well as verbally.

**Assessment:** Continuous Assessment and Formal Examination

**Pre-Requisites:** None

**Credits:** 16

---

**Module Code:** BMAN227 Entrepreneurship and Financial Aspects in SMMEs

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Describe the characteristics and basics of accounting and financial management in small businesses

- b) Analyse a set of financial statements
- c) Determine the capital requirements of a small business
- d) Execute a break-even analysis and make decisions based on the analysis
- e) Compile a budget and business plan

**Assessment:** Continuous Assessment and Formal Examination

**Pre-Requisites:** ACCS111; ACCS121

**Credits:** 16

---

**Module Code:** BMAN229 Investment and Financial Risk Management

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Demonstrate comprehensive knowledge of investment management and recognise the different investment options available.
- b) Differentiate between money market and capital market operations.
- c) Analyse and assess policies, standards and risks associated with investment.
- d) Demonstrate comprehension of foreign exchange controls associated with international investments.

**Assessment:** Continuous Assessment and Formal Examination

**Pre-Requisites:** None

**Credits:** 16

---

**Module Code:** BMAN311 Financial Management

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Explain the strategic role of financial management.
- b) Apply the concept of time value of money in financial planning and analysis.
- c) Demonstrate skill in applying the techniques of capital budgeting, working capital management and financial risk management.
- d) Analyse financial statements, assess financial health of organisations and make sound decisions based on ratios.

**Assessment:** Continuous Assessment and Formal Examination

**Pre-Requisites:** BMAN121; ACCS111; ACCS121

**Credits:** 16

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**Module Code:** BMAN313 Production and Operations Management

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Explain the production and operations functions in organisations.
- b) Demonstrate ability to plan low level production and operation activities.
- c) Apply the principles of process capacity building, inventory control and total quality management.
- d) Demonstrate ability to correlate processes in production and operations management to other functional areas of management.

**Assessment:** Continuous Assessment and Formal Examination

**Pre-Requisites:** BMAN121; BMAN221

**Credits:** 16

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**Module Code:** BMAN321 Strategic Management and Business Policy

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Evaluate the internal and external environments of an organisation.
- b) Apply a SWOT analysis as a basis for formulating strategy.
- c) Develop and implement a strategic audit in an organisation.
- d) Evaluate and choose between the different strategies available to an organisation.

**Assessment:** Continuous Assessment and Formal Examination

**Pre-Requisites:** BMAN311

**Credits:** 16

---

**Module Code:** BMAN326 Project Management

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Explain project management and the basic techniques used in the various fields to ensure better delivery.
- b) Apply tools and techniques of project management to the design and execution of projects.
- c) Determine the feasibility and viability of projects
- d) Organise project resources and teams for the successful implementation of projects.
- e) Choose and use appropriate computer software to monitor the implementation of projects.

**Assessment:** Continuous Assessment and Formal Examination

**Pre-Requisites:** None

**Credits:** 16

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**Module Code:** BMAR211 Services Marketing

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Demonstrate systematic knowledge of marketing within a service environment, including service quality, the service delivery process, insights into service customers and their decision-making, an understanding of the different available pricing strategies, as well as integrated service marketing communications.
- b) Demonstrate skills to; design and develop a proper service offering, analyse and identify a pricing strategy relevant to a specific service market, suggest ways of how to build customer relationships and loyalty and to recover service failure.
- c) Demonstrate the ability to undertake a literature and environmental review of the service environment and prepare a report as individual or as part of a team and to communicate these results in writing as well as verbally.

**Assessment:** Continuous Assessment and Formal Examination

**Pre-Requisites:** MANM121, BMAN211

**Credits:** 16

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**Module Code:** BMAR212 Specialised Marketing

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Show understanding of adopting generic marketing applications within specialised markets.
- b) Demonstrate sufficient knowledge of the academic content as well as the practical application thereof.

**Assessment:** Continuous Assessment and Formal Examination

**Pre-Requisites:** BMAN111; BMAN121, BMAN211

**Credits:** 16

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**Module Code:** BMAR221 Consumer Behaviour

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Demonstrate knowledge of; consumer behaviour, the consumer as an individual, consumers in their social and cultural settings and the consumer decision-making process.
- b) Demonstrate skills, based on the understanding of concepts and theories, to identify the role of consumer research and market segmentation in consumer behaviour as well as how consumer behaviour influences the marketing environment.

**Assessment:** Continuous Assessment and Formal Examination

**Pre-Requisites:** MANM121, BMAN211

**Credits:** 16

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**Module Code:** BMAR311 Product Decision

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Demonstrate systematic knowledge of product decisions - the classification of products, new product development, individual and multiple product decisions, product positioning and the product life cycle concept – as an element of the marketing mix.
- b) Demonstrate skills to identify and analyze product related issues and to suggest a suitable product strategy to address the product issues as components of the marketing mix.
- c) Demonstrate the ability to apply and evaluate the relevant theory and concepts as well as the ability to use the knowledge gained to suggest product strategies as part of the marketing mix decisions to businesses as an individual or member of a team and to communicate the strategy verbally and in writing.

**Assessment:** Continuous Assessment and Formal Examination

**Pre-Requisites:** BMAN121, BMAN211

**Credits:** 16

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**Module Code:** BMAR312 Price and Distribution Decisions

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Demonstrate systematic knowledge of the importance of price, steps in setting price, determining the final price, designing distribution channels, selecting channel members, logistics management, managing the distribution channel and the behavioural processes in distribution channels.
- b) Demonstrate skills to price setting, determining a final price and distribution channel design and management.
- c) Demonstrate the ability to undertake a literature and environmental review to identify and analyse problems in price setting and distribution management and to come up with solutions to solve the problems by writing reports and using applicable computer software.

**Assessment:** Continuous Assessment and Formal Examination

**Pre-Requisites:** BMAN121, BMAN211

**Credits:** 16

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**Module Code:** BMAR321 Marketing Research

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Demonstrate systematic knowledge of marketing research; problem definition, research design, measurement and scaling, questionnaire design, sampling design, fieldwork and data preparation, analysis and report writing.
- b) Demonstrate skills to identify and analyze marketing management problems and suggest solutions to these marketing management problems by designing suitable marketing research projects and successfully reporting on the results of these projects.
- c) Demonstrate the ability to undertake a literature and environmental review, plan a research project and prepare a research report as individual or as member of a team and to communicate in writing as well as verbally the research proposal and research report to a professional audience.

**Assessment:** Continuous Assessment and Formal Examination

**Pre-Requisites:** BMAN121, BMAN211

**Credits:** 16

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**Module Code:** BMAR322 Integrated Marketing Communication

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Demonstrate systematic knowledge of integrated marketing communications (IMC), IMC advertising tools, promotional tools and integration tools.
- b) Demonstrate skills to identify and analyse which IMC components would be best suited for different situations by compiling a suitable IMC plan and campaign.
- c) Demonstrate the ability to undertake a situational review; plan an IMC campaign and prepare a research report as an individual or as a member of a team; as well as to communicate the plan and campaign in writing and verbally to an audience.

**Assessment:** Continuous Assessment and Formal Examination

**Pre-Requisites:** BMAN121, BMAN211

**Credits:** 16

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**Module Code:** BMAR324 Advertising and Sales Promotion

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Show understanding and insight into theoretical and practical application of the marketing mix elements
- b) Understanding the planning, implementation and post evaluation of the advertising campaign.
- c) Overall managing of the marketing communication process.

**Assessment:** Continuous Assessment and Formal Examination

**Pre-Requisites:** BMAN211

**Credits:** 16

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**Module Code:** BMAR325 Sales Management

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Explain and experience the personal-selling function
- b) Explore planning and organisation of the sales functions.
- c) Theoretical development of a sales force as well as the leading role.
- d) Show the knowledge and ability to evaluate and control the sales force.

**Assessment:** Continuous Assessment and Formal Examination

**Pre-Requisites:** BMAN211, BMAR221

**Credits:** 16

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**Module Code:** BRMM221 Business Research Management

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Discuss the concept of scientific research.
- b) Explain the importance of research in a business environment.
- c) Articulate the processes involved at each stage of a scientific research process.
- d) Analyse a business or management environment and formulate a research problem.
- e) Conduct a research process to collect and analyse data.
- f) Interpret results and discuss the findings of the study in order to arrive at solutions to the research problem.
- g) Compile a research report.

**Assessment:** Continuous Assessment and Formal Examination

**Pre-Requisites:** BMAN121

**Credits:** 16

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**Module Code:** WVES221 Understanding the World

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Demonstrate a fundamental knowledge and understanding of world views and ideologies by analysing, synthesizing and a critique of the nature and function of, as well as the similarities and differences between world views and ideologies, different important contemporary manifestations of these views, and the influence of these views on issues of our time and world (including poverty, change, human rights, HIV-AIDS, power abuse, corruption, scholarship, etc.);
- b) Demonstrate understanding for the interrelatedness of phenomena and of natural and social systems;
- c) Articulate a personal world view and a coherent own view about some of the core issues and problems of our time;
- d) Analyse and evaluate real life problems and case studies and argue and give feasible answers to these problems from an own established world view;
- e) Report on his/her knowledge and viewpoints in a typical academic manner.

**Assessment:** Continuous Assessment

**Pre-Requisites:** None

**Credits:** 12

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## 10.2.4 Public Administration

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**Module Code:** CFDM111 Overview of Public Administration

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Prepare scientifically and technically acceptable assignments.
- b) Explain public administration as an activity.
- c) Describe government services and functions.
- d) Explain principles of public administration.
- e) Describe ethics in public administration.

**Assessment:** Tests, Assignments and Exam

**Pre-Requisites:** None

**Credits:** 12

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**Module Code:** CFDM121 Principles and the Practice of Public Administration

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Explain the effect of the external and internal environmental factors on public administration.
- b) Describe the arms of government in South Africa.
- c) Describe institutions at the three levels of government in South Africa and their roles.
- d) Explain intergovernmental relations and cooperative governance among the three levels of government in South Africa.

**Assessment:** Tests, Assignments and Exam

**Pre-Requisites:** None

**Credits:** 12

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**Module Code:** LGAM115 Introduction to Local Government and Administration

**Module Outcomes:** On completion of this module, the student should be able to:

- a) Demonstrate understanding of the meaning, the characteristics, the role, the relation and the reasons for the existence of local government
- b) Explain the constitutional development and restructuring of local government in South Africa
- c) Explain the factors which give rise to the existence of local government
- d) Demonstrate understanding of developmental local government
- e) Demonstrate understanding of the different types of local government
- f) Demonstrate understanding of intergovernmental relations and co-operative governance

**Assessment:** Tests, Assignments and Exam

**Pre-requisites:** None

**Credits:** 12

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**Module Code:** LGAM216 Municipal Service Delivery

**Module Outcomes:** On completion of this module, the student should be able to:

- a) Demonstrate an understanding of municipal services
- b) Explain the role of local government as a provider of basic services
- c) Analyse the different approaches to service delivery
- d) Explain the concept "municipal service partnerships"
- e) Evaluate the "Batho-Pele" principles towards municipal service provision
- f) Explain the concept "development"

**Assessment:** Tests, Assignments and Exam

**Pre-requisites:** LGAM115

**Credits:** 16



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**Module Code:** LGAM227 Developmental Local Government

**Module Outcomes:** On completion of this module, the student should be able to:

- a) Explain the concept “development”
- b) Describe South Africa as a developmental state
- c) Analyse the developmental process of local government
- d) Describe the integrated development as a planning tool for local government
- e) Explain the local economic development as a tool for municipal integrated development planning
- f) Identify the role of municipal service partnerships in local government
- g) Interpret the key procedures and frameworks of sound service delivery

**Assessment:** Tests, Assignments and Exam

**Pre-requisites:** LGAM115

**Credits:** 16

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**Module Code:** LGAM228 Municipal Service Partnerships

**Module Outcomes:** On completion of this module, the student should be able to:

- a) Evaluate the official responsibility in implementing the processes of municipal service partnerships
- b) Demonstrate the ability to share service delivery with other institutions
- c) Analyse the legal framework for partnerships
- d) Demonstrate understanding of the meaning of development
- e) Demonstrate understanding of the meaning of community participation in democracy

**Assessment:** Tests, Assignments and Exam

**Pre-requisites:** LGAM115

**Credits:** 16

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**Module Code:** DMTM317 Community Participation in Development Programmes and Projects

**Module Outcomes:** On completion of this module, the student should be able to:

- a) Demonstrate understanding of project management approach to development management
- b) Analyse the process of community participation
- c) Critically analyse the problems affecting community participation in development programmes and projects
- d) Demonstrate understanding of the meaning of governance and ethics in local government

**Assessment:** Tests, Assignments and Exam

**Pre-requisites:**

**Credits:** 16

---

**Module Code:** LGAM317 Governance and Ethics

**Module Outcomes:** On completion of this module, the student should be able to:

- a) Demonstrate understanding of the principles of governance
- b) Demonstrate understanding of institutions for ensuring accountability in public administration
- c) Critically analyse how councils (legislatures) hold the administration (executive) accountable
- d) Demonstrate understanding of ethical principles in the South African system of public administration and analyse their applicability in municipalities
- e) Identify and explain the statutory and administrative reform measures in Local Government Financial Management
- f) Interpret the key procedures and frameworks of sound local financial management

**Assessment:** Tests, Assignments and Exam

**Pre-requisites:** LGAM227

**Credits:** 16

---

**Module Code:** LGAM318 Financial Management in Local Government

**Module Outcomes:** On completion of this module, the student should be able to:

- a) Evaluate the official responsibility in the implementation of sound financial management, accounting and finance
- b) Demonstrate the ability to compile a budget and procedure of tendering and procurement
- c) Explain the concept “environment”
- d) Analyse the environmental problems for local government

**Assessment:** Tests, Assignments and Exam

**Pre-requisites:** LGAM228

**Credits:** 16

---

**Module Code:** DMTM327 Environmental Development Management

**Module Outcomes:** On completion of this module, the student should be able to:

- a) Analyse the legal imperatives of environmental management
- b) Explain the integrated environmental management process, e.g. screening, scoping, environmental impact assessment and stakeholder engagement
- c) Explain the concept “international development management”
- d) Analyse the factors affecting international development

**Assessment:** Tests, Assignments and Exam

**Pre-requisites:**

**Credits:** 16

---

**Module Code:** DMTM328 International Development Management

**Module Outcomes:** On completion of this module, the student should be able to:

- a) Analyse the roles of institutions supporting international development
- b) Critically analyse the process of international development management
- c) Explain the criteria for effective international development management
- d) Demonstrate the basic application of theory and concepts relating to housing policy formulation and implementation
- e) Explain co-operative governance in central, provincial and local government

**Assessment:** Tests, Assignments and Exam

**Pre-requisites:**

**Credits:** 16

---

**Module Code:** LGAM327 Housing Policy and Management

**Module Outcomes:** On completion of this module, the student should be able to:

- a) Explain the legal and regulatory frameworks
- b) Demonstrate understanding of the tendering process in project management
- c) Appreciate the influence of community participation in development projects
- d) Evaluate the different types of housing schemes
- e) Explain the importance of studying Comparative Local Government and Administration
- f) Describe the unique nature and features of local government and administration in South Africa

**Assessment:** Tests, Assignments and Exam

**Pre-requisites:** LGAM216; LGAM227; LGAM228

**Credits:** 16

---

**Module Code:** LGAM328 Comparative Local Government and Administration

**Module Outcomes:** On completion of this module, the student should be able to:

- a) Differentiate among structures of local government and administration among different countries
- b) Differentiate among systems of local government and administration among different countries
- c) Identify best practices in local government and administration (bench-marking)

**Assessment:** Tests, Assignments and Exam

**Pre-requisites:** LGAM216; LGAM227; LGAM228

**Credits:** 16

---

**Module Code:** PAYM117 Principles and the Practice of Public Administration

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Explain the meaning of public administration
- b) Explain how normative foundations affect the practice of public administration
- c) Explain the effect of external and internal environment factors on the practice of public administration
- d) Demonstrate understanding of the theories of governance and the effect of the Constitution on the practice of public administration
- e) Identify structures and functions of government

**Assessment:** Tests, Assignments and Exam

**Pre-Requisites:** None

**Credits:** 12

---

**Module Code:** PAYM118 Introduction to Public Administration

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Describe Public Administration as a science and as art
- b) Explain the development of Public Administration as an academic discipline
- c) Describe the administrative process model of Public Administration
- d) Analyse the relationship between Public Administration and other academic disciplines
- e) Explain the concepts of intergovernmental relations and co-operative governance.

**Assessment:** Tests, Short Quizzes; tutorial exercises; Assignments and Exam;

**Pre-Requisites:** None

**Credits:** 12

---

**Module Code:** PAYM126 Public Management

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Define Public Management
- b) Explain public management functions
- c) Explain public management skills
- d) Demonstrate understanding of the environment within which public management takes place
- e) Analyse the relationship between the traditional Public Administration and Public Management

**Assessment:** Tests, Assignments and Exam

**Pre-Requisites:** None

**Credits:** 12

---

**Module Code:** PAYM128 Organization of Government and Administration

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Demonstrate understanding of the various systems of government as provided for in the constitutional law.
- b) Explain the original goals of government e.g. social welfare and economic welfare goals of government.
- c) Explain the nature and types of government functions as well as the nature of public services.
- d) Demonstrate the understanding that through the activity of public administration, government institutions perform a broad spectrum of functions so that specific services can be rendered to society.
- e) Demonstrate the understanding of the public management principles which are imperative for good governance.
- f) Explain the structure of the legislative authority, executive and judicial authority of government.
- g) Demonstrate the understanding of regionalisation concept, the structure of local government system and the African tribal system as another form of local government.

**Assessment:** Tests, Assignments and Exam

**Pre-Requisites:** None

**Credits:** 12

---

**Module Code:** PAYM211 Public Financial Resource Management

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Define Public Financial Resource Management
- b) Apply knowledge, tools, concepts and theories of Public Financial Resource Management
- c) Demonstrate ability to compile a budget
- d) Apply the principles of Public Financial Resource Management
- e) Analyse the legal framework for Public Financial Resource Management, e.g. Public Finance Management Act

**Assessment:** Tests, Assignments and Exam

**Pre-Requisites:** PAYM116

**Credits:** 16

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**Module Code:** PAYM212 Development Management

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Explain and apply development theories
- b) Analyse urban and rural development management in South Africa
- c) Apply management techniques to development projects
- d) Explain the role of international agencies and institutions in development management
- e) Prepare funding proposals for development projects

**Assessment:** Case studies, written assignments, tests and final examination

**Pre-Requisites:** PAYM118

**Credits:** 16

---

**Module Code:** PAYM221 Public Human Resource Management

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Explain components of Public Human Resource Management
- b) Demonstrate understanding of human resource planning in organisations
- c) Demonstrate understanding of recruitment and selection processes in organisations
- d) Demonstrate understanding of the development of a training programme for organisations
- e) Evaluate the effectiveness of HR legislation in South Africa

**Assessment:**

**Pre-Requisites:** PAYM116

**Credits:** 16

---

**Module Code:** PAYM222 Developmental Local Government and Administration

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Define and explain the concept of local government and the different systems of local government
- b) Analyse legislation and policy framework of local government
- c) Explain municipal electoral process, municipal services and alternative municipal service delivery mechanisms
- d) Describe the local economic development and integrated development planning
- e) Analyse the differences between the South African system of local government and administration and those of other countries

**Assessment:** Role plays, written assignments, case studies, tests and quizzes, final examination

**Pre-Requisites:** PAYM118

**Credits:** 16

---

**Module Code:** PAYM311 Organisational and Administrative Theories

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Describe the different perspectives to organisation theory
- b) Draw up organigrams in line with principles of organisation design
- c) Criticise bureaucratic theory of organising

- d) Evaluate public service transformation in the Republic of South Africa
- e) Differentiate between structural and functional approaches to organising

**Assessment:** Tests, Assignments and Exam

**Pre-Requisites:** None

**Credits:** 16

---

**Module Code:** PAYM312 Research Methods in Public Administration

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Explain how the research process begins and ends
- b) Conduct research at an elementary level
- c) Evaluate the significance of research within the field of Public Administration
- d) Develop research proposals
- e) Compare and contrast quantitative and qualitative research methodologies

**Assessment:** Tests, Assignments and Exam/Project

**Pre-Requisites:** None

**Credits:** 16

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**Module Code:** PAYM321 Governmental Policy Analysis

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Define public policy analysis
- b) Demonstrate understanding of the various principles and techniques used in public policy analysis
- c) Identify the various and conflicting values that affect a policy or policies of government
- d) Evaluate measures against which policy actions can be designed and judged
- e) Evaluate the formulation and implementation of public policies

**Assessment:** Tests, Assignments and Exam

**Pre-Requisites:** None

**Credits:** 16

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**Module Code:** PAYM322 Comparative and International Administration

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Explain the significance of the study of Comparative and International Administration
- b) Demonstrate understanding of mutual vulnerability among different countries
- c) Evaluate the role of international organisations in world affairs
- d) Compare and contrast administrative systems of two countries of your choice
- e) Compare the Organisation of African Unity with the African Union

**Assessment:** Tests, Assignments and Exam

**Pre-Requisites:** PAYM116

**Credits:** 16

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## 11 MODULES OFFERED BY OTHER FACULTIES

Module Code	Description	Pre-Requisite(s)	Credits
AGLE111	Introduction to Academic Literacy		12
AGLE121	Academic Literacy	AGLE111	12
CFMA111	Pre-Calculus I		12
CFMA121	Pre-Calculus II		12
KCOM226	Effective Communication		12
MCLM113	Contract		12
MCLM121	Special Contracts		12
MCLM123	Labour Law		12
MLAW111	Introduction to Contracts and Business Law		12
MLAW121	Mercantile Law: Business Forms		12
MLAW211	Mercantile Law: Advanced Mercantile Law	MLAW121	12
SFSM111	Success Strategies & Production Skills		12
SFSM121	Receptive Skills		12

## 12 MODULE OUTCOMES

### 12.1 Faculty of Human & Social Sciences

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**Module Code:** AGLE111 Introduction to Academic Literacy

**Module Outcomes:** On completion of the module, the student should be able to:

- demonstrate basic knowledge of learning strategies, academic vocabulary and register as well as the reading and writing of academic texts in order to function effectively in the academic environment;
- communicate effectively orally and in writing in an appropriate manner in an academic environment;
- understand, interpret, and evaluate basic academic texts and write appropriate academic genres in a coherent manner by making use of accurate and appropriate academic conventions;
- listen, speak, read and write accurately, fluently and appropriately in an ethical framework.

**Assessment:** Formal examination

**Pre-Requisites:** None

**Credits:** 12

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**Module Code:** AGLE121 Academic Literacy

**Module Outcomes:** On completion of the module, the student should be able to:

- Demonstrate fundamental knowledge of appropriate computer programmes, as well as apply learning, listening, reading and writing strategies, use academic language register and read and write academic texts, in order to function effectively in the academic environment;
- As an individual and a member of a group communicate effectively orally and in writing in an ethically responsible and acceptable manner in an academic environment;
- As an individual and a member of a group find and collect scientific knowledge in a variety of study fields, analyse, interpret, and evaluate texts, and in a coherent manner synthesise and propose solutions in appropriate academic genres by making use of linguistic conventions used in formal language registers.

**Assessment:** Formal examination

**Pre-Requisites:** AGLE 111

**Credits:** 12

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**Module Code:** KCOM226 Effective Communication

**Module Outcomes:** On completion of the module, the student should be able to:

- a) The overall outcome set by the modules is that, by the end of the semester, the student should be able to communicate orally and specifically audibly (voice and speech), understandably (language use, organisation and audience adapting), and with conviction (non-verbal communication).
- b) In order to achieve this the student also needs to know the theoretical guidelines for effective spoken communication to reproduce these clearly and explicitly in his/her specific field.
- c) Regarding written communication, the aim is that the student should know and reproduce the theoretical guidelines for the successful writing of reports and memoranda so well (choice of words, sentences, format, medium, expression) that he/she should be able to apply these in practice in his/her specific field.

**Assessment:** Formal examination

**Pre-Requisites:** None

**Credits:** 8

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## 12.2 Faculty of Law

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**Module Code:** MLAW111 Introduction to Contracts and Business Law

**Module Outcomes:** On completion of the module, the student should be able to:

- a) Demonstrate general knowledge of the general principles of the law of contract and the general principles of business law.
- b) Apply the principles in a basic case study and make a recommendation.
- c) Identify and solve basic legal problems.
- d) Logically and systematically formulate and argue a legal point of view.
- e) Show insight in the connection between different aspects of the law of contracts and business law.

**Assessment:** Formative: Will be communicated in writing to students at the start of the semester  
Summative: 1 x 3 hour examination; weight - 50

**Pre-Requisites:** None

**Credits:** 16

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**Module Code:** MLAW121 Business Forms

**Module Outcomes:** On completion of the module, the student should be able to show the theoretical and practical knowledge of the law regarding the different forms of enterprises by:

- a) Demonstrating a sound knowledge and insight of the law regarding partnership, close corporations and certain aspects of the company law.
- b) Analyzing case studies and providing legal advice.
- c) Applying the applicable legal rules or norms regarding the different forms of enterprises to the establishment thereof, membership requirements, internal and external relationships.
- d) Applying the rules in practice.

**Assessment:** Formative: Will be communicated in writing to students at the start of the semester  
Summative: 1 x 3 hour examination; weight - 50

**Pre-Requisites:** None

**Credits:** 16

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**Module Code:** MLAW211 Commercial Law: Advanced Company Law

**Module Outcomes:** On completion of the module, the student should be able to:

Demonstrate a complete theoretical and practical knowledge of the law regarding the general principles and administration of companies and demonstrate an ability to apply in case studies the relevant statutory and common law principals – with specific reference to:

- a) corporate functionaries, capacity and representation, offer of shares for subscription and sale,

- b) share capital, majority rule and minor protection, company financial statements, auditors,
- c) company groups, reorganizations and arrangements, judicial management and
- d) winding up of companies and close corporations.

**Assessment:** Formative: Will be communicated in writing to students at the start of the semester  
Summative: 1 x 3 hour examination; weight - 50

**Pre-Requisites:** None

**Credits:** 16

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