

# CONTENTS

ENQUIRIES	3
VISION OF THE UNIVERSITY OF THE FREE STATE	4
VISION OF THE FACULTY OF EDUCATION	4
MISSION OF THE FACULTY OF EDUCATION	4
LANGUAGE POLICY	5
SPECIAL EDUCATIONAL NEEDS	5
GENERAL INFORMATION	6
G3 POSTGRADUATE CERTIFICATE IN EDUCATION	8
G3.1 CAREER OPPORTUNITIES	8
G3.2 ADMISSION REQUIREMENTS	8
G3.3 ADDITIONAL REQUIREMENTS AND REGULATIONS	9
TABLE 1: LEARNING AREA EDUCATION / SUBJECT EDUCATION	13
G3.4 TEACHING PRACTICE	18
G3.5 LANGUAGE ENDORSEMENTS	18
G3.6 DURATION OF COURSE	19
G3.7 ASSESSMENT	19
G3.8 EXAMINATION IRREGULARITIES	21
G3.9 CURRICULUM	22
LIST B	25
PREREQUISITES	43

# OFFICIAL ADDRESS FOR ENQUIRIES:

Correspondence with regard to academic matters should be addressed to:

## **Main Campus**

Mr Jaco van der Merwe  
Faculty of Education  
University of the Free State  
P O Box 339  
BLOEMFONTEIN  
9300

Telephone: 051 401 9685  
Faks: 051 401 9456  
Email: [vdmerweJ@ufs.ac.za](mailto:vdmerweJ@ufs.ac.za)

## **Qwaqwa Kampus**

Ms Dilahlwane Mohono  
Faculty of Education (Qwaqwa Campus)  
Private bag X13  
PHUTHADITJHABA  
9866

Telephone: 058 718 5004/5  
Fax: 058 718 5040  
Email: [mohonodm@qwa.ufs.ac.za](mailto:mohonodm@qwa.ufs.ac.za)

## **VISION OF THE UNIVERSITY OF THE FREE STATE**

To be an excellent, equitable and innovative university.

## **VISION OF THE FACULTY OF EDUCATION**

To be a Faculty that affirms the dignity of its students, its staff and the community with which it engages, and draws on their diversity as a source of strength. It is recognised nationally and internationally for its scholarship and for its contextualised understanding of education. The Faculty visibly contributes to the social transformation of the broader society.

## **MISSION OF THE FACULTY OF EDUCATION**

The Faculty will:

- Promote scholarship that deepens the understanding of education in its local, national and international context;
- Engage in the development of pre-service and in-service teachers who are characterised by strong theoretical grounding, relevant skills and a commitment to serve the community;
- Develop its capacity by strengthening the links between its teaching, research and community engagement;
- Enable access in ways that overcome the barriers posed by social inequality.

# **LANGUAGE POLICY OF THE UNIVERSITY OF THE FREE STATE**

At undergraduate level lectures are presented in English and Afrikaans on a parallel medium basis. Assessment takes place accordingly, i.e. usually there are separate assessment opportunities for English and Afrikaans speaking students. This implies that assessment material may only be available in the language of the particular scheduled opportunity (meaning only English tests during assessment opportunities for English speaking students and only Afrikaans tests during assessment opportunities for Afrikaans speaking students).

At postgraduate level selected postgraduate modules or courses may be offered, on the basis of exceptional circumstances, in only one of the two main languages or on a double-medium basis, subject to consensus being reached after thorough consultation with the registered students. Interpreting services may also be utilised.

## **STUDENTS WITH SPECIAL EDUCATIONAL NEEDS**

Students who have special needs should bring this to the attention of the staff when they register for the course. Examples of special learning needs may be:

- Impaired vision, where the study material and test and exam papers may be provided in a larger letter type;
- Hearing loss, where the student may ask for preferential seating in the venue;
- A physical disability, where special accommodation may be necessary during examinations; or
- Any other accommodations that may make learning more accessible for students with special learning needs.

# **GENERAL INFORMATION**

This Calendar of the Faculty of Education contains rules relating to the qualifications and degree programmes offered in the Faculty.

## **General regulations and rules and Faculty rules**

Various rules are applicable to the various degree programmes. There are two types of rules:

### **1. General University regulations and rules**

These regulations and rules apply to all faculties, and hence to the degree and diploma programmes of the Faculty of Education.

General regulations and rules are set out in the University's "General" Calendar. They deal with the following issues:

- The University's admission requirements,
- Registration as a student, changing courses, simultaneous registration, course composition, duration of studies, prerequisites for certain courses, credit for courses/modules passed at other tertiary institutions, etc.
- Requirements for a pass or for distinction, readmission and exclusion of students, special examinations, rules relating to examination halls, misreading of examination timetables, results and mark lists, etc.

### **2. Faculty rules**

Faculty rules relate specifically to the degree and diploma programmes offered in the Faculty of Education. These rules are to be found in this document.

#### **Take note:**

**It is the responsibility of students to acquaint themselves with both the General regulations and rules and the Faculty rules relevant to their degree/diploma programmes.**

### 3. Assessment

#### 3.1 Continuous assessment

A system of continuous assessment OR continuous assessment including a final summative assessment is followed in certain modules, without a final examination. It will be indicated in each module guide whether the above is applicable in the module.

#### 3.2 System of Promotion

A promotion system is applicable to certain modules. It will be indicated in each module guide whether promotion is applicable to the module.

#### 3.3 Examinations

The University schedules two examination opportunities per semester. Students who qualify have to participate in the main examination opportunity scheduled for each semester. A semester mark of at least 40% is required for admission to the examination.

Students qualify for re-assessment when:

- a final mark of 45% to 49% in the **main examination** is obtained, subject to obtaining a minimum examination mark of 30%, or
- a final mark of 50% or more is obtained with an exam mark of less than 40%.

Students who qualify for re-assessment and **specially approved** requests from students who missed the main examination for **unforeseen** and **compelling circumstances** immediately prior to or during the preceding compulsory main examination may, with permission, write the **additional examination**. The additional examination is scheduled shortly after the main examination. Students, other than those who qualify for reassessment or a special examination, will have to apply for permission, according to the prescribed procedures, to write the additional examination.

---

**RULE G3 POSTGRADUATE CERTIFICATE IN EDUCATION  
(PGCE) NQF LEVEL 6**

---

**G3.1. CAREER OPPORTUNITIES**

The Postgraduate Certificate in Education (PGCE) is a professional educator's qualification that "caps" an undergraduate qualification. It is intended for students seeking a career in the Further Education and Training phase in schools. This qualification is also suitable for the training of expertise for education-related careers such as for training officials, who are in possession of at least a first Baccalaureus degree.

The following certificate will be awarded:

<b>Name</b>	<b>Study code</b>
PGCE (Further Education and Training Phase)	7225

**G3.2 ADMISSION REQUIREMENTS**

- The institutional rules of the University in respect of admission to certificate study are applicable.
- In addition to the institutional rules for admission the following requirements are also applicable for admission to this certificate study.

To be admitted to this certificate programme ~~course~~ the student must have obtained a Baccalaureus degree complying with the requirements stipulated for professional training in Education on NQF level 6 (360 credits), **and** provided that the student passed:

- at least one school subject (per list B\*) at a third year level (96 credits), and a second school subject from the list on a second year level (64 credits), **or**
- at least two subjects from the list at second year level (64 credits), as well as another school subject at first year level (32 credits), **or**
- at least one school subject from the list at a third year level (96 credits), and a second school subject at first year level, provided that the first year subject is Biology, Technology, Mathematics or Physics and Chemistry. \*(See List B in BEd Rules).

**OR**

**To specialise in Technology related subjects a candidate must have the following:**

- a) A National Senior Certificate or an equivalent qualification **or** a provisional exemption that was issued by the Matriculation Board on the grounds of a foreign qualification **AND**
- b) A qualification evaluated as M + 3 that includes two technical school subjects **or** an approved, appropriate degree.

### **G3.3 ADDITIONAL REQUIREMENTS AND REGULATIONS**

#### **G3.3.1 Students who specialise in Music**

**G3.3.1.1** Students must select their electives (for the certificate) as follows:

**Two or three of the following subjects in the under-mentioned combinations:**

- Applied Music Studies (music instrument) on first or second instrument standard (levels B and C respectively). *(Note that the credits for first and second instrument standard are not the same. Consult the regulations for BMus)*
- Historical Music Studies
- Systematic Music Studies
- A school subject (not from the learning area Music)

Combinations: One subject on first, second and third year level; **and** a second subject on first and second year level.

**OR**

Two subjects on first and second year level, **and** a third subject on first year level.

**N.B. The credits for each of the combinations must be a total of 160.**

**G3.3.1.2** Students must, during their fourth year, present the following courses as subject teaching in the following combinations:

64 credits, compiled from the under-mentioned table of music modules,

**OR**



32 credits, compiled from the under-mentioned table of music modules, **plus**

32 credits from the subject teaching of any other approved school subject, presented during the undergraduate course on at least 100-level (32 credits).

<b>Name of module</b>	<b>Code</b>	<b>Credits</b>	<b>Prerequisite</b>
Subject teaching of the instrument	---214 (*)	16	(**)
Subject teaching of the instrument	---224 (*)	16	(**)
Subject teaching of the instrument	---314 (*)	16	(**)
Subject teaching of the instrument	---324 (*)	16	(**)
History of Music Subject Education	MMG 614	16	Historical Music Studies at least on first year level (32 credits).
Music Theory Pedagogy	MTP 614	16	Systematic Music Studies at least on first year level (32 credits).
Music Education and Practice	MOP 214	16	(***)
Music Education and Practice	MOP 224	16	(***)
Music Education and Practice	MOP 314	16	(***)
Music Education and Practice	MOP 324	16	(***)

(\*) Consult the regulations for B.Mus. for the applicable module codes (Regulation B16).

(\*\*) Applied Music Studies on first instrument standard at least on first year level (32 credits), or on second instrument standard at least at third year level (48 credits).

(\*\*\*) If all 64 credits are compiled from music modules, only a maximum of 32 credits may consist of MOP-modules.

**G3.3.2** Students intending to follow learning area education or subject education in:

- Consumer Studies: must have passed Clothing and Foods or Cooking on at least second year level;
- Drama, Theatre and Arts: (TRO111, DRO131, DOV112, TOV122 and SOV122) must have passed Drama and Theatre at third year level;
- Life orientation (Career and Career Choices): must have passed Psychology at second year level and preferably Sociology/Political Science/Human Movement Science/Labour Studies/Philosophy (Human Rights and Ethics) at least at first year level;
- Life orientation (Recreation and physical well-being): must have passed Human Movement Science at second year level and preferably Sociology/Political Science/Psychology/Labour Studies/Philosophy (Human Rights and Ethics) at least at first year level;
- Life Sciences for the Further Education and Training Phase: must have passed Biology at first year level and Botany/Zoology/Micro Biology/Physiology/Bio-Chemistry at least at second year level;
- Mathematics, for the Senior Phase: must have passed Mathematics at least at the first year level;
- Mathematics, for the Further Education and Training Phase: must have passed Mathematics at least at the second year level;
- Natural Sciences with Biology, for the Senior Phase: must have passed Biology at least at the first year level;
- Natural Sciences with Physics and Chemistry, for the Senior Phase: must have passed Physics and Chemistry at least at the first year level;
- Physical Sciences, for the Further Education and Training Phase: must have passed one subject (Physics or Chemistry) at least at the second year level and the other (Physics or Chemistry) at the first year level;

### **G3.3.3 Life Orientation education**

Students presenting a combination of Human Movement Science and Psychology to gain entry into the learning area, Life Orientation education, must also have passed a second school subject from the Natural Sciences/Mathematics at first year level or a second school subject at second year level.

**G3.3.4** To follow a particular learning area education/subject education, a learner must have passed the related subject(s) up to at least second year level (64 credits), with exception of Mathematics, Physics, Chemistry and Biology which must be passed on at least first year level. (Note also G3.2 and exceptions in G3.3.2).

**G3.3.5 Additional courses**

Students who have completed a relevant degree in terms of regulation G3.2 and who need to complete an academic subject(s) to qualify for a particular learning area/subject education may be allowed to register for the relevant additional module(s) concurrently with the PGCE subject to a maximum of 16 credits.

**G3.3.6** Learning area education/subject education for the Further Education and Training Phase must be chosen in accordance with Table 1 below:

**G3.3.6 TABLE 1  
LEARNING AREA EDUCATION/SUBJECT EDUCATION**

	<b>SEMESTER 1</b>	<b>SEMESTER 2</b>
<b>ACCOUNTING EDUCATION</b>	AEO112 Curriculum cycle and a process approach  AEO132 Situation analysis, aims and objectives	REO122 Methods and media in accounting education  REO142 Assessment, year planning and homework in accounting education
<b>AFRIKAANS EDUCATION</b>	LTM112 Subject teaching languages I  LTM132 Subject teaching languages II	KFA124 Facilitating Afrikaans literature and composition
<b>AGRICULTURAL EDUCATION</b>	LNW112 The nature of Natural Sciences education  MAL112 Agricultural science teaching methodology	MAL122 Basic agricultural science education  MAL142 Applied agricultural science education
<b>ARTS EDUCATION</b>	ADF114 History of Art	ADF124 Didactics of Fine Arts
<b>BUSINESS STUDIES EDUCATION</b>	AEO112 Curriculum cycle and a process approach  AEO132 Situation analysis, aims and objectives	BEO122 Methods and media in Business Studies Education  BEO142 Assessment, year planning and homework in Business Studies Education
<b>CIVIL TECHNOLOGY EDUCATION</b>	TMH114 Civil technology education	TMH124 Civil technology education

	<b>SEMESTER 1</b>	<b>SEMESTER 2</b>
<b>COMPUTER EDUCATION</b>	<p>MRF112 Didactic principles and application programmes</p> <p>MRF132 Problem solving, algorithm and high level language</p>	<p>MRF124 Assessment, renewal and project programming</p>
<b>CONSUMER STUDIES EDUCATION</b>	<p>SDH414 Consumer study: Learning programme and teaching methods</p>	<p>SDH424 Consumer study: Teaching aids and administration</p>
<b>DRAMA EDUCATION</b>	<p>TRO111 Theatre in Education: Theory and practice</p> <p>DRO131 Drama in Education: Theory and Practice</p> <p>DOV112 Drama Education</p>	<p>TOV122 Theatre Arts Education</p> <p>SOV122 Speech Education</p>
<b>ECONOMICS EDUCATION</b>	<p>AEO112 Curriculum cycle and a process approach</p> <p>AEO132 Situation analysis, aims and objectives</p>	<p>ECT122 Methods and media in economics education</p> <p>ECT142 Assessment, year planning and homework in economics education</p>
<b>ENGINEERS GRAPHICS AND DESIGN EDUCATION</b>	<p>TMT114 Engineers graphics and design education</p>	<p>TMT124 Engineers graphics and design education</p>

	<b>SEMESTER 1</b>	<b>SEMESTER 2</b>
<b>ENGLISH EDUCATION</b>	LTM112 Subject teaching languages I  LTM132 Subject teaching languages II	MFZ122 Teaching methods in English  MFZ142 Language teaching practice in ELT
<b>GEOGRAPHY EDUCATION</b>	SOF112 General orientation in the Human and Social Sciences  SOF132 The learning environment and planning in the Human and Social Sciences	GOF122 General orientation to Geography teaching  GOF142 The learning environment and planning in Geography teaching
<b>GERMAN EDUCATION</b>	LTM112 Subject teaching languages I  LTM132 Subject teaching languages II	MDU124 Teaching German as foreign language
<b>HISTORY EDUCATION</b>	SOF112 General orientation in the Human and Social Sciences  SOF132 The learning environment and planning in the Human and Social Sciences	GEL122 Learner-centred and group orientated practices  GEL142 Innovative teaching technology

	<b>SEMESTER 1</b>	<b>SEMESTER 2</b>
<b>LIFE ORIENTATION EDUCATION</b>	MSI 114 Personal well-being and citizenship education	MSU124 Career and career choices <b>OR</b> LOM 124 Recreation and physical well-being
<b>LIFE SCIENCES EDUCATION</b>  <i>FET Phase</i>	LNW112 The nature of Natural Sciences education  VBL132 Life Sciences subject knowledge and didactic principles	VBL162 Life Sciences subject knowledge and application  VBL182 Managing a Life Sciences laboratory
<b>MATHEMATICS EDUCATION</b>  <i>Senior Phase</i>	WOS112 Classroom management and assessment in Mathematics Education  WOS132 Effective teaching and learning in Mathematics	WOS122 Subject perspective (Mathematics) I  WOS142 Subject perspective (Mathematics) II
<b>MATHEMATICS EDUCATION</b>  <i>FET Phase</i>	WOF112 Classroom management and assessment in Mathematics Education  WOF132 Effective teaching and learning in Mathematics	WOF122 Subject perspective (Mathematics) I  WOF142 Subject perspective (Mathematics) II
<b>MUSIC EDUCATION</b>	<b>See regulation G3.3.1</b>	<b>See regulation G3.3.1</b>

	<b>SEMESTER 1</b>	<b>SEMESTER 2</b>
<b>NATURAL SCIENCES: (BIOLOGY EDUCATION)</b>  <i>Senior phase</i>	LNW112 The nature of Natural Sciences education  VBL112 Biology subject knowledge and didactic principles	VBL122 Biology subject knowledge and application  VBL142 Managing a biology laboratory
<b>PHYSICAL SCIENCES EDUCATION</b> <i>Senior Phase</i> Learning area: Natural Sciences Education (Physical Sciences)	LNW112 The nature of Natural Sciences education  VNS112 Physical Sciences Education I	VNS122 Physical Sciences Education II  VNS142 Physical Sciences Education III
<b>PHYSICAL SCIENCES EDUCATION</b>  <i>FET Phase</i>	LNW112 The nature of Natural Sciences education  VNS132 Physical Sciences Education I	VNS162 Physical Sciences Education II  VNS182 Physical Sciences Education III
<b>RELIGION STUDIES EDUCATION</b>	RSO114 Religion studies Education	RSO124 Religion studies Education
<b>SESOTHO EDUCATION</b>	LTM112 Subject teaching languages I  LTM132 Subject teaching languages II	VSS124 Methods, techniques and activities in the teaching of Sesotho
<b>TECHNOLOGY EDUCATION</b>	TMS114 Technology Education	TMS124 Technology Education



### **G3.4 TEACHING PRACTICE**

Students must submit evidence of successful participation with regard to the following activities, by not later than the date for submission of marks for the additional examinations.

#### **G3.4.1 Practical Teaching (ETV401)**

- Students obtain a pass mark by means of various forms of continuous assessment, according to the stipulations of the Programme Directorate: Initial Teacher Education.
- The mentorship programme is compulsory.

#### **G3.4.2 Sport and cultural activities**

Students must also give proof of the following:

- Certificates in two sport and/or cultural activities of the student's choice. (A student also qualifies upon obtaining at least two official and/or refereeing and/or adjudicating certificates in one or more sports or cultural activities).

#### **G3.4.3 First aid and/or occupational safety**

A certificate in first aid and/or occupational safety. Both certificates are recommended for students who enrol for who offer subjects in Mathematics, Natural Sciences or Technology.

### **G3.5 LANGUAGE ENDORSEMENTS**

(a) All students specialising in the Further Education and Training Phases have to offer **TWO** courses (16 credits each) in Language Proficiency and Communication. Students have to choose from the following courses:

- Afrikaans (AFP132/142)
- English (ETB112/122)
- Sesotho (ETC112/122)
- isiZulu (ETZ112/122) (only presented on Qwaqwa campus)

(b) A distinction will be made (on the certificate) between a higher (AE) language proficiency (where two of these languages are passed with 60%) – and a lower (Ae or Ea) language proficiency (where one of the languages is passed with 60%, and the other with less than 60%). For students offering a Language Proficiency course in African Languages, the same norm of 60% applies to the language combination with respect to either Afrikaans or English. A distinction shall be made on the

certificate to distinguish, for example between a higher (AS) language proficiency (where Afrikaans and Sesotho both have been passed with 60%) and a lower language proficiency (As or aS) where 60% is obtained in either Afrikaans or Sesotho and less than 60% in the other. The same applies *mutatis mutandis*, for example, to English and Zulu – Thus (EZ) and (Ez) or (eZ).

(c) Students who pass one of the above-mentioned languages as an elective subject at second year level (64 credits) are exempted from the relevant section of the Language Proficiency course.

### **G3.6 DURATION OF COURSE**

The duration of the Postgraduate Certificate in Education is one year of full-time study. A two year part-time course is available **only** for currently employed educators.

### **G3.7 ASSESSMENT**

The institutional rules of the University in respect of assessment and examination are *mutatis mutandis* applicable to this degree study.

Module assessment implies the assessment of knowledge, skills and attitudes by means of continuous assessment (module mark) as well as a final assessment (exam mark) in a ratio of 1:1.

#### **G3.7.1 Module assessment**

There will be a maximum of two summative assessment opportunities per 8/16-credit module. However, a third assessment opportunity will be scheduled as a special opportunity for students who for valid reasons could not participate in one of the first two assessments. This special assessment opportunity will cover all the work of the module and will be conducted at the end of the term/semester.

Additional, continuous assessment opportunities as set out in the study guide (counting up to a maximum of 20% of the module mark) may take place during contact sessions. A student will forfeit the mark in case of absence from such assessment opportunities.

A lecturer has the right not to accept late assignments, subsequent to liaising with the Programme Director: Initial Teacher Education.

### **G3.7.2 Minimum module mark**

Students must note that, in terms of Reg. A14 of the University's General Institutional Rules and Regulations, a minimum module mark of 40% must be obtained in order to be eligible to write the final examinations.

### **G3.7.3 Incomplete**

A module will be regarded as incomplete if a student did not participate in two of the three scheduled assessment activities.

"Incomplete" implies that a student will not be allowed to participate in the scheduled examination opportunities.

### **G3.7.4 Calculation of marks**

Students have to participate in the scheduled University examination in order to obtain a combined mark of at least 50% (a minimum examination mark of 40% is required). The average of the module mark and the examination mark will constitute the **final mark** (rounded off to a percentage integer) of the module in a 1:1 proportion.

### **G3.7.5 Examinations**

Refer to page 11.

### **G3.7.6 Duration of papers**

Assessment during the scheduled University examinations will take the form of a one-hour paper on each 8-credit module and a two hour paper on each 16 credit module, except where indicated differently in the module guide.

### **G3.7.7 Awarding of qualification**

The qualification will be awarded when **all** modules have been completed successfully. Any module outstanding has to be repeated under the conditions of Reg.G.3.7.1 and A14. Module marks are not transferable from one year to another, except as specified under Rule A 14.

**G3.7.8 Qualification with distinction:**

The General Regulations of the University in respect of *qualification with distinction* is *mutatis mutandis* applicable to the certificate.

**G3.8 EXAMINATION IRREGULARITIES**

The General Regulations of the University in respect of *examination irregularities* is *mutatis mutandis* applicable to the certificate.

### G3.9 CURRICULUM

#### G3.9.1 POST GRADUATE CERTIFICATE IN EDUCATION (PGCE)

##### Further Education and Training Phase

Study code: 7225

Credits 184

#### First Semester

CODE	NAME OF MODULE	CREDITS	TERM
XXX	Learning area/Subject education 1*	16	1 + 2
XXX	Learning area/Subject education 2*	16	1 + 2
BRS111	Basic computer literacy	4	1 + 2
EDS152	Curriculum design	8	1 + 2
EDM152	Teaching methods, instructional technology and instructional materials	8	1 + 2
EFK112	Outcomes-based education: A critical approach	8	2
EFA112	Culture and education	8	1
EPI112	Intelligence, attention and memory	8	1
ELX112	Career orientation, self-actualisation and relationship skills	8	2
	# Language proficiency and communication in <b>TWO</b> of the following:	(8 + 8)	
AFP132	Afrikaans vir die professies: Doeltreffende formulering		1 + 2
ETB112	Language proficiency and communication in English		
ETC112	Language proficiency and communication in Sesotho		
ETZ112*	isiZulu: Teaching of Zulu		
	*		
ETV401	Practice teaching	2	1 + 2
<b>TOTAL</b>		<b>102</b>	

\* See Table 1 for learning area/subject education (see Rule G3.3.2)

# See Rule G3.5

\*\*isiZulu:ETZ 112 is only offered at the Qwaqwa Campus.

**Start and end dates of 8 credit modules: 1 February 2013 - 8 March 2013**

**Start and end dates of 8 credit modules: 11 March – 3 May 2013**

## Second Semester

CODE	NAME OF MODULE	CREDITS	
XXX	Learning area/Subject education 1*	16	3 + 4
XXX	Learning area/Subject education 2*	16	3 + 4
EDA142	Assessment	8	3 + 4
ECS122	South African education system and professionalism	8	3
EJI122	Classroom management and related judicial issues	8	4
ESM122	Learning and study methods	8	3
RLO142	A survey of the religions of South Africa and the education of religion in the FET phases	8	3 + 4
AFP142	# Language proficiency and communication in <b>TWO</b> of the following: Afrikaans vir die professies: Doeltreffende formulering	(8 + 8)	3 + 4
ETB122	Language proficiency and communication in English		
ETC122	Language proficiency and communication in Sesotho		
ETZ122*	isiZulu: Teaching of Zulu		
ETV401	Practical teaching	2	3 + 4
<b>TOTAL</b>		<b>90</b>	

\* See Table 1 for learning area/subject education (see also Rules G3.3.2 and G3.3.8)

# See Rule G3.5

\*\*isiZulu:ETZ 122 is only offered at the Qwaqwa Campus.

**Start and end dates of 8 credit modules: 29 July 2013 – 3 September 2013**

**Start and end dates of 8 credit modules: 4 September 2013 – 16 October 2013**

**G.3.9.2 POST GRADUATE CERTIFICATE IN EDUCATION (PGCE)**  
**Further Education and Training Phase**  
**Study code: 7225** **Credits 184**

**PART-TIME CURRICULUM**

*Note Rule G3.6. The PGCE part-time programme is available only for currently employed educators*

<b>MODULES: 2013 / 2015 / 2017 / 2019 (Evening Classes)</b>			
<b>SEMESTER 1</b>		<b>SEMESTER 2</b>	
EDS152	Two of: AFP132	ECS122	Two of: AFP142
EPI 112	ETB112	EDA142	ETB122
EDM152	ETC112	EJI 122	ETC122
ELX112	ETZ 112**		ETZ 122**

AFP = Afrikaans/ ETB = English/ ETC = Sesotho (Select **two** languages from English, Afrikaans and Sesotho)

\*\*isiZulu:ETZ 112/122 (is only presented at the Qwaqwa campus)

<b>MODULES: 2014 / 2016 / 2018 / 2020 (Evening classes)</b>	
<b>SEMESTER 1</b>	<b>SEMESTER 2</b>
Subject Education 1	Subject Education 1
Subject Education 2	Subject Education 2
BRS111	ESM122
EFK112	RLO142
EFA112	
ETV401 Winter school	

**List B: (Subjects mark with # are offered in Qwaqwa)**

SUBJECT / MODULE	FIRST YEAR		SECOND YEAR		THIRD YEAR	
	Sem. 1	Sem. 2	Sem. 1	Sem. 2	Sem. 1	Sem. 2
<b># ACCOUNTING</b>						REK308
<i>(Effective from 2012)</i>	EACC61406	EACC62406				
<i>(Effective from 2013)</i>			EACC60806	EMAC62406		
<b># ACCOUNTING (FINANCIAL) (Effective from 2013)</b>	EFAC61406	EFAC62406	EFAC70807			
<b># AFRIKAANS</b> (Non-mother tongue)						
Basic Afrikaans linguistic patterns and usage	AFR114					
Basic Afrikaans usage and poetic form		AFR124				
Intermediate Afrikaans linguistics and usage			AFR214			
From reality to Afrikaans literacy work				AFR224		
Advanced Afrikaans linguistics and language diversity					AFR314	
Afrikaans literature since Sixty						AFR324
<b>AFRIKAANS AND DUTCH</b> (Mother tongue)						
Introduction to Afrikaans linguistics	AFN114					
Introduction to Afrikaans literature		AFN124				
Afrikaans morphology and sociolinguistics			AFN214			
Introduction to Dutch and Dutch literature				AFN224		
Afrikaans syntax and semantics					AFN314	
Contemporary Afrikaans literature and its historical background						AFN324



SUBJECT / MODULE	FIRST YEAR		SECOND YEAR		THIRD YEAR	
	Sem. 1	Sem. 2	Sem. 1	Sem. 2	Sem. 1	Sem. 2
<b>AGRICULTURAL ECONOMICS</b> (Not together with Economics and/or Business Management)						
Statistical analysis and the economic management of resources		LEK124				
Agriculture Finance	LEK214					
Farm planning and management		LEK224				
Agricultural marketing			LEK314			
Advanced Agricultural Marketing				LEK324		
Strategic Agricultural Marketing				LBB344		
Seminar in Agricultural Management				LBB362		
Advanced Production Economics and decision analysis					LEK414	
Agribusiness management					LEK434	
Resource economics						LEK424
Agricultural policy and development						LEK444
Seminar Agricultural Economics					LEK461	
<b>AGRONOMY</b> (Only for Agriculture specialisation)						
Crop production principles		AGR224				
Production of summer crops			AGR314			
Production of winter crops				AGR324		
Crop and stress physiology					AGR414	
Research techniques					AGR434	
Post-harvest handling and storage						AGR424

SUBJECT / MODULE	FIRST YEAR		SECOND YEAR		THIRD YEAR	
	Sem. 1	Sem. 2	Sem. 1	Sem. 2	Sem. 1	Sem. 2
Chemical weed control						AGR444
Seminar in Agronomy						AGR461
<b>ANIMAL SCIENCE</b>						
Animal Breeding and Animal Nutrition	VKD214					
Theory of Animal Breeding	DTL314					
Reproduction and Animal products		VKD224				
New technologies in Animal Breeding		DTL324				
Animal Anatomy and Physiology on farm animals			DAF314			
Applied Monogastric Nutrition			DVL314			
Animal health				DAF324		
Applied Ruminant Nutrition				DVL324		
Applied Reproduction Physiology in farm animals					DAF414	
Animal Breeding; Mixed Model Theory					DTL414	
Fundamental and Experimental Animal Nutrition					DVL414	
Growth and Lactation Physiology						DAF424
Properties of feeds, balancing rations and fodder flow planning						DVL424
Animal Breeding; Practical applications						DTL424
Seminar in Animal Science						VKD461
<b>BIOCHEMISTRY</b>						
Biochemistry of biological compounds			BOC216			
Enzymology and introductory metabolism				BOC226		
Molecular biology					BOC314	
Proteome analysis					BOC334	

SUBJECT / MODULE	FIRST YEAR		SECOND YEAR		THIRD YEAR	
	Sem. 1	Sem. 2	Sem. 1	Sem. 2	Sem. 1	Sem. 2
Advanced enzyme kinetics and metabolism						BOC324
Structure, function and topology of membranes						BOC344
<b>BIOKINETICS</b> (Only for specialisation in Human Movement Science)						
Theory and Practice of Applied Anatomy	BIK114					
Theory and Practice of Kinesiology		BIK124				
Theory and Practice of Elementary Physiology as applied to exercise science			BIK214			
Theory and Practice of Exercise Physiology				BIK224		
<b># BIOLOGY</b> (Botany and Zoology)						
Building blocks of life	BLG114					
The mechanisms of evolution and biodiversity		BLG124				
Organisms and the environment		BLG144				
<b># BOTANY</b>						
Plant structure			PLK214			
Molecular ecology and evolution of higher plants			PLK212			
Plant growth and developmental physiology				PLK224		
Introductory Plant Biotechnology (practical)				PLK262		
Evolution and taxonomy of higher plants					PLK314	
Ecology and environmental management of terrestrial and aquatic ecosystems (includes a field excursion)					PLK334	
Plant transformation and Biotechnology					PLK354	
Plant metabolism						PLK324
Plant defence and Biotechnology						PLK344

SUBJECT / MODULE	FIRST YEAR		SECOND YEAR		THIRD YEAR	
	Sem. 1	Sem. 2	Sem. 1	Sem. 2	Sem. 1	Sem. 2
<b># BUSINESS MANAGEMENT</b>						
General Management ( <i>From 2012</i> )	EBUS61406					
Management ( <i>From 2012</i> )		EBUS62406				
Brand management ( <i>From 2013</i> )			EBUS63406			
Personal Selling ( <i>From 2013</i> )				EBUS66406		
Innovation management ( <i>From 2013</i> )				EBUS64406		
Strategic Management					OBS314	
Advanced Marketing Management						OBS324
Financial Management						OBS364
<b># CHEMISTRY</b>						
Inorganic and analytical chemistry	CEM114					
Physical and organic chemistry <b>OR</b> Physical and organic chemistry		CEM124 <b>OR</b> CEM144				
Physical chemistry			CEM214			
Analytical chemistry			CEM232			
Organic chemistry				CEM224		
Inorganic chemistry				CEM242		
Analytical chemistry					CEM314	
Physical chemistry					CEM334	

SUBJECT / MODULE	FIRST YEAR		SECOND YEAR		THIRD YEAR	
	Sem. 1	Sem. 2	Sem. 1	Sem. 2	Sem. 1	Sem. 2
Inorganic chemistry						CEM324
Organic chemistry						CEM344
<b>CIVIL TECHNOLOGY</b>						
Civil Technology					THK314	THK324
<b># COMPUTER SCIENCE AND INFORMATICS</b>						
Basic Computer Literacy (Co-requisite for RIS134)	BRS111					
Advanced computer usage		BRS121				
Introduction to computers for business environments	RIS134					
Introduction to computers for science environments	RIS114					
Introduction to information systems		RIS144				
Advanced Programming		RIS124				
Introduction to Computer apparatus	RIS154					
Introduction to the Internet and Web Page Development		RIS164				
Data structure			RIS214			
Implementation of object-oriented information solutions			RIS234			
Software design			RIS274			
User interfaces				RIS224		
Information Technology service learning (B.Sc. IT students)				RIS242		
Introduction to databases and database management systems					RIS314	
Internet Programming					RIS334	
Software engineering						RIS324
Computer networks						RIS344

SUBJECT / MODULE	FIRST YEAR		SECOND YEAR		THIRD YEAR	
	Sem. 1	Sem. 2	Sem. 1	Sem. 2	Sem. 1	Sem. 2
<b># CONSUMER STUDY</b> (Only for specialisation in Consumer Science, provided that 32 credits in Clothing, 32 credits in Foods, 16 credits in Interior and 24 credits in Consumer Science are followed)						
Interior				ITR224		
Foods			VDS214	VDS224		
Clothing	KLE134	KLE144				
Consumer Science					VBW312	VBW324
<b># ECONOMICS</b>						
Economic systems and basic microeconomics ( <i>From 2012</i> )	EECF61306					
Introduction to macroeconomics ( <i>From 2012</i> )	EECF62306					
Micro-economics ( <i>From 2013</i> )			EECS71407			
Macro-economics ( <i>from 2013</i> )			EECS72407			
Money and interest rates ( <i>From 2013</i> )			EFES71407			
Financial markets, instruments and institutions ( <i>from 2013</i> )			EFES72407			
International economics					EKN314	
South African economic policy issues					EKN324	
<b>ENGINEERING GRAPHICS</b>						
Engineering Graphics	TTK114	TTK124	TTK214	TTK224	TTK314	TTK322
Engineering Graphics (Civil)					TTB322	

SUBJECT / MODULE	FIRST YEAR		SECOND YEAR		THIRD YEAR	
	Sem. 1	Sem. 2	Sem. 1	Sem. 2	Sem. 1	Sem. 2
<b># ENGLISH</b> (Complete 32 credits for each year, from the following modules)						
The English language: academic discourse and usage; An introduction to the novel and short fiction	ENG114					
Introduction to drama and poetry in English		ENG124				
English pragmatics; Drama and poetry in English			ENG214			
An introduction to linguistics: Prose fiction in English				ENG224		
An introduction to sociolinguistics: Drama and poetry in English					ENG314	
Sociolinguistic approaches: Theory and application: Prose fiction and an introduction to literary theory						ENG324
<b>FINE ARTS</b> (Only for specialisation in Fine Art, on the condition that the learner includes a study of at least painting, drawing, sculpture and printmaking and includes History of Art on 200 level (64 credits) Please Note: Admission to the course is subject to selection.						
Sculpture		XBK105				
Printmaking		XGK105				
Painting		XSK105				
Drawing		XTK105				
Theory of the Arts		KWS104				
History of the Arts		KGK104				
Sculpture			XBK205			
Printmaking			XGK205			
Painting			XSK205			
Drawing			XTK205			

SUBJECT / MODULE	FIRST YEAR		SECOND YEAR		THIRD YEAR	
	Sem. 1	Sem. 2	Sem. 1	Sem. 2	Sem. 1	Sem. 2
Visual story-telling			KGK214			
Art historical genres reconsidered				KGK224		
Critical approaches to space and gender					VCT314	
Art Management and Administration					AAM206	
Drawing					XTD309	
Fine Arts					XBK309	
Imagining the city						VCS324
						<b>4<sup>th</sup>YEAR</b>
Recent developments in visual art and culture					KWS404	
Visual arts research					KGK404	
Curatorial project					KGK412	
Art Administration and Management					AAM308	
Fine Arts					XBK409	
Fine Arts Research					XBE409	
<b>GENETICS</b> (Only with Agronomy/ Animal Science at 300 level) (96 credits)						
Principles of genetics			GEN216			
Molecular genetics				GEN246		
Forensic genetics					GEN334	
Behavioural Genetics					GEN354	
Evolutionary Genetic						GEN324
Conservation Genetics						GEN344



SUBJECT / MODULE	FIRST YEAR		SECOND YEAR		THIRD YEAR	
	Sem. 1	Sem. 2	Sem. 1	Sem. 2	Sem. 1	Sem. 2
<b># GEOGRAPHY</b>						
Introduction to Physical Geography	GEO114					
Introduction to Human Geography and Cartography		GEO124				
Urban Development			GEO214			
Process geomorphology and geomorphological hazards			GEO234			
Environmental Studies				GEO224		
Geographic information systems				GIS224		GIS324
Applied Urban Development and Spatial Transformation					GEO314	
Environmental geomorphology					GEO334	
Environmental Management and –Analysis						GEO324
<b>HISTORICAL MUSIC STUDIES</b> (Only for Music specialisation provided that Applied Music Studies is followed and the requirements are complied with – see G2.3.13)	HMS114	HMS124	HMS214	HMS224	HMS314	HMS324
<b># HISTORY</b>						
Introduction to the twentieth century history of South Africa and Africa	GES114					
The twentieth century world history		GES124				
The rise of nationalism in South Africa and Africa and the resistance to it			GES214			
Twentieth century global clashes				GES224		
En route to the new South Africa and the African renaissance, c.1976-2000: a historical perspective					GES314	

SUBJECT / MODULE	FIRST YEAR		SECOND YEAR		THIRD YEAR	
	Sem. 1	Sem. 2	Sem. 1	Sem. 2	Sem. 1	Sem. 2
How to make history					GES324	
<b>HISTORY OF ART AND VISUAL CULTURE STUDY (only for Art specialisation, provided that conditions for Fine Arts are complied with)</b>						
History of the arts	KGK104					
Theory of arts	KWS104					
Visual story-telling			KGK214			
Art historical genres reconsidered				KGK224		
Critical approaches to space and gender					VCT314	
Imagining the city					VCS324	
<b>HORTICULTURE</b>						
Nursery management and cut flower production			HRT314			
Fruit cultivation				HRT324		
<b>HUMAN MOVEMENT SCIENCE</b>						
Movement development	MBW112					
Growth and development	MBW132					
Adventure- based experiential learning and teambuilding	KIN114					
Motor learning and body posture		KIN124				
Therapeutic recreation		KIN122				
Philosophy and sociology of sport and recreation			MBW214			
Elementary aspects of sport nutrition			KIN214			

SUBJECT / MODULE	FIRST YEAR		SECOND YEAR		THIRD YEAR	
	Sem. 1	Sem. 2	Sem. 1	Sem. 2	Sem. 1	Sem. 2
Sport injuries and rehabilitation				MBW224		
Movement psychology				KIN222		
Recreation programme planning					MBW312	
Perceptual motor learning					KIN312	
Wellness					KIN332	
Sport and facility management					KIN314	
Exercise physiology					KIN352	
Ergonomics						KIN324
Community Service					KIN102	
The science of coaching						KIN342
Research methodology						MBW322
<b># MATHEMATICS</b> (For the 2 <sup>nd</sup> year 56 credits and for the 3 <sup>rd</sup> year 64 credits must be taken.						
Calculus <b>OR</b> Calculus <b>OR</b> Basic mathematics	WTW114 <b>OR</b> WTW134 <b>OR</b> WTW174					
Algebra and differential equations <b>OR</b> Calculus and Linear Algebra <b>OR</b> Pre-Calculus		WTW124 <b>OR</b> WTW144 <b>OR</b> WTW184				

SUBJECT / MODULE	FIRST YEAR		SECOND YEAR		THIRD YEAR	
	Sem. 1	Sem. 2	Sem. 1	Sem. 2	Sem. 1	Sem. 2
Vector analysis			WTW214			
Mathematical modelling			WTW234			
Computer mathematics			WTW254			
Linear algebra				WTW224		
Ordinary differential equations				WTW244		
Sequences and series				WTW264		
Complex analysis					WTW314	
Discrete Mathematics					WTW334	
Numerical analysis					WTW374	
Real analysis						WTW324
Algebra						WTW344
Industrial mathematics						WTW364
Dynamical systems						WTW384
<b>MICROBIOLOGY</b> (* indicates compulsory modules)						
Introduction to Microbiology*			MKB216			
Microbial diversity and ecology*				MKB226		
Microbial growth, nutrition and death*					MKB314	
Microbial eukaryotic diversity and ecology*					MKB334	
Microbial Physiology*						MKB324
<b>MUSIC EDUCATION AND -PRACTICE</b>			MOP214	MOP224	MOP314	MOP324
Compulsory Community Service Learning modules					MOP334	MOP344
<b>MUSIC (PRACTICAL)</b> (Only for Music specialisation – also see G2.3.6)						

SUBJECT / MODULE	FIRST YEAR		SECOND YEAR		THIRD YEAR	
	Sem. 1	Sem. 2	Sem. 1	Sem. 2	Sem. 1	Sem. 2
<b># PHYSICS</b>						
Mechanics, optics and electricity <b>OR</b> Mechanics, optics, electricity, biologically and medically relevant topics	FSK114 <b>OR</b> FSK134					
Mechanics, thermodynamics, electricity and magnetism <b>OR</b> Mechanics, thermodynamics, electricity and magnetism biologically and medically relevant topics		FSK124 <b>OR</b> FSK144				
Mechanics, waves and optics			FSK214			
Practical work: Physics			FSK232			
Ophthalmic Optics /Visual Optics			FSK254			
Electronics				FSK224		
Electromagnetism				FSK242		
Special topics in optics				FSK262		
Modern Physics					FSK314	
Statistical Physics I					FSK332	
Practical work: Physics					FSK352	
Solid-state Physics						FSK324
Statistical Physics II						FSK342
Practical work: Physics						FSK362

SUBJECT / MODULE	FIRST YEAR		SECOND YEAR		THIRD YEAR	
	Sem. 1	Sem. 2	Sem. 1	Sem. 2	Sem. 1	Sem. 2
<b># PSYCHOLOGY</b> (At least on 200 level (64 credits) to be allowed to follow Subject Education in Life Orientation)						
Introduction to Psychology	PSY112					
Positive Psychology	PSY152					
Physiological basis of behaviour		PSY124				
Psychopathology			PSY212			
Personality psychology			PSY232			
Developmental psychology				PSY224		
Social Psychology					PSY312	
Therapeutic intervention					PSY332	
Research methodology						PSY324
<b>RELIGIOUS STUDY</b>						
Religion and social milieu	GDD114					
A survey of the religions of South Africa and the education of religion in the primary and intermediate phases		RLO122				
A survey of the religions of South Africa and the education of religion in the senior and FET phases		RLO142				
Introduction to the study of religion and development in the study of religion over the centuries		GDD142				
The Christian religion			GDD214			
African Indigenous Religions and Africa Indigenous Churches				GDD224		
Hinduism and Buddhism					GDD314	
Judaism and Islam						GDD324

SUBJECT / MODULE	FIRST YEAR		SECOND YEAR		THIRD YEAR	
	Sem. 1	Sem. 2	Sem. 1	Sem. 2	Sem. 1	Sem. 2
	<b># SESOTHO</b> (Mother tongue)					
The oral traditions in Sesotho	SSM112					
Sesotho language studies: phonology and morphology	SSM132					
Sesotho oral tradition: Thematic analysis		SSM122				
Sesotho language studies: syntax and semantics		SSM142				
Discourse analysis in Sesotho			SSM212			
Narrative prose in Sesotho			SSM232			
Sociolinguistics in Sesotho				SSM222		
Sesotho Drama				SSM242		
Historical development of Sesotho as a functional language					SSM312	
Heroic poetry in Sesotho					SSM332	
Terminography and lexicography in Sesotho						SSM322
Modern poetry in Sesotho						SSM342
<b>SESOTHO</b> (Non-mother tongue)						
Sesotho in S.A. and the articulation of Sesotho phonetics	SSO112					
Basic sentence structures in Sesotho	SSO132					
Advanced sentence structures in Sesotho		SSO122				
Conversational situations in Sesotho		SSO142				
Verb conjugation			SSO212			
Reading and comprehension in Sesotho			SSO232			
Sentence types and time references in Sesotho				SSO222		
Creative writing in Sesotho				SSO242		
Sayings and idiomatic expressions in Sesotho					SSO312	

SUBJECT / MODULE	FIRST YEAR		SECOND YEAR		THIRD YEAR	
	Sem. 1	Sem. 2	Sem. 1	Sem. 2	Sem. 1	Sem. 2
Short narrative prose in Sesotho					SSO332	
Folk tales in Sesotho						SSO322
Sesotho language and culture						SSO342
<b>SOIL SCIENCE</b> (Only for specialisation in Agriculture)						
Soil ecology	GKD214					
Soil evaluation and land use planning			GKD314			
Sustainable soil and water management				GKD324		
Soil Chemistry					GKD414	
Soil Physics					GKD434	
Soil Biology						GKD424
Soil Geography						GKD444
Seminar in Soil Science						GKD461
<b>SYSTEMATIC MUSIC STUDY</b> (Only for Music specialisation, provided that Applied Music Studies is followed and the requirements are complied with – see G3.3.2)	SMS114	SMS124	SMS214 SMS234	SMS224 SMS244	SMS314 SMS334	SMS324 SMS344
<b>TECHNOLOGY</b>						
Technology	TGN114	TGN124	TGN214	TGN224	TGN314	TGN324
<b># ZOOLOGY</b>						
Parasites, Vectors and Toxic Animals			DRK214			
Invertebrates: Biodiversity (practical)			DRK252			
Africa Vertebrates				DRK224		



SUBJECT / MODULE	FIRST YEAR		SECOND YEAR		THIRD YEAR	
	Sem. 1	Sem. 2	Sem. 1	Sem. 2	Sem. 1	Sem. 2
Vertebrates: Research Techniques (practical)				DRK262		
Marine and freshwater ecology (lectures and practical/field work)					DRK314	
Conservation ecology (lectures and practical)					DRK334	
Life Strategies in Arid Environments (lectures and practical)						DRK324
Animal Behaviour (lectures and practical)						DRK344

---

## RULE G15 PREREQUISITES FOR MODULES OFFERED IN PROGRAMMES AT THE FACULTY OF EDUCATION

---

For the preconditions of all the modules that are offered at the University, you are referred to the General Regulations and Rules of the University.

Module Code	Precondition/Minimum pre-condition/Independent
ADF114	KWS104, KGK104, KGK212, KGK232, KGK222, GK242
ADF124	Fine Arts on 200-level
AEO132	AEO112
AGR314	AGR224
AGR324	AGR224
AGR424	AGR314 en AGR324
AGR444	AGR414
BEO122	OBS134, OBS144, OBS234, OBS244
BFO112	<b>Four of the following modules:</b> BYB112, BYB132, BYB122, BYB142, BYB152, BYB182 <b>and four of the following modules:</b> BYB212, BYB232, BYB222, BYB242, BYB252, BYB272, BYB262, BYB282
BIK124	BIK114
BIK224	BIK214
BLG114	Life Sciences achievement level 5 (60% plus) or Physical Science achievement level 4 (50% plus)
BLG124	Min. (BLG114)
BLG144	Min. (BLG114)
BOC216	Two of the following: BLG114, BLG124 of BLG144 en (CEM124 of CEM144 of CHE112+CHE132+CHE122+CHE142 +CHE151+CHE161)
BOC226	BOC216
BOC314	BOC216
BOC334	BOC216
BOC324	BOC226
BOC344	BOC216
BRS121	BRS111
CLT122	HRG114, HRG124, HRG214, HRG224
CEM124	CEM114 <b>or</b> CEM104 <b>or</b> CHE104
CEM144	CEM114 <b>or</b> CEM104 <b>or</b> CHE104
CEM214	(CEM114 <b>or</b> CEM104 <b>or</b> CHE104) <b>and</b> (CEM124 <b>or</b> CEM194 <b>or</b> CHE194 or 60% pass in CEM144 <b>and</b> (WTW114 <b>or</b> WTW134)

CEM224	CEM124 <b>or</b> CEM194 <b>or</b> CHE194 <b>or</b> 60% pass in CEM144
CEM232	(CEM114 <b>or</b> CEM104 <b>or</b> CHE104) <b>and</b> (CEM124 <b>or</b> CEM194 <b>or</b> CHE194 <b>or</b> 60% pass in CEM144) <b>and</b> (WTW114 <b>or</b> WTW134)
CEM242	CEM232 <b>and</b> CEM214
CEM314	(CEM232 <b>and</b> CEM214 <b>and</b> CEM242) <b>and</b> WTW124 <b>or</b> WTW144
CEM324	CEM314
CEM334	(CEM232 <b>and</b> CEM214) <b>and</b> WTW124 <b>or</b> WTW144
CEM344	CEM224
DRK214	BLG114 <b>and</b> BLG144
DRK252	BLG114 <b>and</b> BLG144
DRK262	BLG114 <b>and</b> BLG144
DRK224	BLG114 <b>and</b> BLG144
DRK314	BLG114 <b>and</b> BLG144
DRK324	BLG114 <b>and</b> BLG144
DRK334	BLG114 <b>and</b> BLG144
DRK344	BLG114 <b>and</b> BLG144
DTL414	DTL314
DTS114	Grade12 Duits <b>or</b> DTS164 <b>or</b> equivalent module
EACC60806	EACC61406 <b>or</b> EACC62406 (REK114 <b>or</b> REK124)
EACC70806	EACC60806, EFAC61406 <b>and</b> EFAC62406 (REK208 <b>or</b> REK204, FIN114 <b>or</b> FIN124)
EAL312	As for ENG332
EAL332	As for ENG332
EAL362	As for ENG332
EBUS75407	EBUS62406
EBUS72407	EBUS63406 <b>and</b> EBUS66406
ECT122	EKN114, EKN124, EKN214, EKN224
EECF61306	Mathematics Grade 12 achievement level 4 (50% plus)
EECF62306	Mathematics Grade 12 achievement level 4 (50% plus)
EECS71407	EECF61306
EECS72407	EECF62306
EECT72407	EECS72407
EFES71407	EECT62306
EFES72407	EECT62306
EFET71407	EECT62306
EFET72407	EECT62306
EECM71407	EBUS51405, EBCS63506, EECF61306 <b>and</b> EECF62306
EECM72407	EBUS51405, EBCS63506, EECF61306 <b>and</b> EECF62306
EKN114	Grade 12 Mathematic achievement level 4 (50% plus)[ <i>Grade 12 Mathematics (SG) with at least a C symbol</i> ], <b>or</b> WTW154 <b>and</b> WTW164, <b>or</b> STK114 <b>and</b> STK124
EKN124	Grade 12 Mathematic achievement level 4 (50% plus)[ <i>Grade</i>

	<i>12 Mathematics (SG) with at least a C symbol], or WTW154 and WTW164, or STK114 and STK124</i>
EKN214	EKN114, or EBN114 and EBN124 passed with a combined average of 60%
EKN224	EKN124, or EBN114 and EBN124 passed with a combined average of 60%
EKN314	EKN114 and EKN124, or EBN114 and EBN124 passed with a combined average of 60 %
EKN324	EKN114 and EKN124, or EBN114 and EBN124 passed with a combined average of 60 %
ELE142	ELE132
ENG212	<b>Two of the following:</b> ENG112; ENG132; ENG122; ENG142; ENS112; ENS132; ENS122; ENS142; EBE112; EBE122; <b>or one of the following:</b> REN108, ENG108
ENG222	As for ENG212
ENG232	As for ENG212
ENG242	As for ENG212
ENG322	As for ENG312
ENG332	<b>Two of the following:</b> ENG212, ENG232, ENG222, ENG242, ENP212, ENF212 ENF222
ENG342	As for ENG332
ENG362	As for ENG332
ENP322	As for ENG332
ENP352	As for ENG332
FSK114	With (WTW114 or WTW134)
FSK124	Min. (FSK114 or FSK134) and Min. (WTW114 or WTW134)
FSK214	(FSK114 or FSK134) and (FSK124 or FSK144) and (WTW114 or WTW134)
FSK224	(FSK114 or FSK134) and (FSK124 or FSK144)
FSK232	(With FSK214)
FSK242	(FSK114 or FSK134) and (FSK124 or FSK144) and (WTW114 or WTW134)
FSK314	(FSK214 or FSK216) or CEM214 and (WTW114 or WTW134)
FSK324	FSK314 or FSK316
FSK332	(FSK114 or FSK134) and (FSK124 or FSK144) and (WTW114 or WTW134)
FSK342	FSK332
FSK352	FSK232
FSK362	FSK232
GBT122	GBT112
GBT212	GBT122
GBT222	GBT212
GBT312	GBT222
GBT322	GBT312

GEL122	GES112, GES132, GES122, GES142, GES212, GES232, GES222, GES242
GEL142	Same as for GEL122
GEN272	BLG114
GEN214	This module may only be presented simultaneously with GEN272 or after GEN272 has been passed
GEN224	BLG114
GEN282	This module may only be presented simultaneously with GEN224 or after GEN224 has been passed
GEN314	GEN272 <b>and</b> GEN214
GEN334	GEN214 <b>and</b> GEN224
GEN324	GEN214 <b>and</b> GEN224
GEN344	GEN214 <b>and</b> GEN224
GEO124	GEO114 and grade 12 mathematics (achievement level 4) or STK114
GEO214	GEO124
GEO224	GEO114
GEO234	GEO114 or GLG114
GEO314	GEO214
GEO334	GEO234
GEO324	GEO224
GIS224	(GEO114 and GEO124) or (GLG114 and GLG124)
GIS324	GIS224
GKD314	GKD214
GKD324	GKD214
GKD414	GKD214
GKD424	GKD214
GKD434	GKD214
GKD444	GKD214
GKD461	GKD214
GOF122	GWS114, GEO124, <b>and</b> [GEO214 <b>or</b> GEO234] <b>and</b> [GEO224 <b>or</b> GIS224]
GOF142	Same as for GOF122
KFA124	(AFN112, AFN132, AFN122, AFN142, AFN212, AFN232, AFN222, AFN242) <b>or</b> (AFN114, AFN124, AFN214, AFN224)
LEK214	LEK124
LEK224	LEK124
LEK314	LEK124
LEK324	LEK124, LEK314 <b>or</b> BRS111
LEK414	LEK224 <b>or</b> BRS111
LEK424	LEK124
LEK434	LEK124 <b>and</b> LEK214

LEK444	LEK124
LEK461	LEK124
LOP112	<b>32 credits from the following modules:</b> MBW112, MBW132, KIN112, KIN132, MBW122, MBW142, KIN122 <b>AND 32 credits from the following modules:</b> MBW212, MBW232, KIN214, MBW224, KIN222
MAL112	64 credits from a combination of at least two of the following subjects : Agronomy, Genetics, Soil Science, Horticulture, Animal Science
MDU124	(DTS112, DTS132, DTS122, DTS142, DTS212, DTS232, DTS222, DTS242) <b>or</b> (DTS114, DTS124, DTS214, DTS224)
MFR124	(FRN112, FRN132, FRN122, FRN142, FRN212, FRN232, FRN222, FRN242) <b>or</b> FRN114, FRN124, FRN214, FRN224)
MFZ122	English on 200 level : <b>32 credits from :</b> ENG214 ; ENG224 ; EAL214 ; EAL224 ; ENP214 <b>OR</b> <b>32 credits from :</b> ENG112 ; ENG132 ; ENG122 ; ENG142 ; ENP122 ; ENF122 ; ENS112; ENS122; ENS 132; ENS142; EPE114;EPE124; REN108; ENG108 <b>AND</b> <b>32 credits from the following modules:</b> ENG212,ENG232, ENG222, ENG242, ENP212, ENF212, ENF222
MFZ142	As for MFZ122
MKB216	Two of the following: BLG114, BLG124 or BLG144
MKB226	MKB216
MKB314	MKB216
MKB334	MKB226
MKB324	BOC226 and MKB216
MKB344	MKB216
MKB364	MKB314
MRF112	RIS134, RIS144, RIS236, RIS222, RIS224
MSC112	(PSY112, PSY132, PSY122, PSY142, PSY212, PSY232, PSY222, PSY242) <b>or</b> (PSY112, PSY152, PSY124, PSY212,PSY232, PSY224)
OBS234	Grade 12 Mathematics achievement level 4 (50% plus) [ <i>Grade 12 Mathematics (SG), minimum C symbol</i> ], <b>or</b> STK114 <b>and</b> STK124

PLK212	Min. (BLG124) <b>or</b> LWL114
PLK262	Min. (BLG124) <b>or</b> LWL114
PLK214	Min. (BLG124) <b>or</b> LWL114
PLK224	Min. (BLG124) <b>or</b> LWL114
PLK314	BLG124 <b>or</b> LWL114
PLK324	BLG124 <b>or</b> LWL114
PLK334	BLG124 <b>or</b> LWL114
PLK344	BLG124 <b>or</b> LWL114
PNA322	PNA332
REK204	REK114 <b>or</b> REK124 <b>or</b> FIN114 <b>or</b> FIN124
REK308	(REK204 <b>or</b> FIN208) <b>and</b> BRF214
REO122	REK114, REK124, BRF214, REK204
RIS114	(With BRS111)
RIS134	(With BRS111)
RIS154	None
RIS124	RIS114 <b>or</b> RIS134
RIS144	RIS114 <b>or</b> RIS134
RIS164	RIS114 <b>or</b> RIS134 <b>or</b> Grade 12 Information Technology (IT) achievement level 5
RIS214	RIS124 <b>and</b> (with RIS274)
RIS224	RIS214 <b>or</b> RIS234
RIS234	RIS144 <b>and</b> (with RIS274)
RIS274	RIS124 <b>or</b> RIS144
RIS314	RIS214 <b>or</b> RIS234
RIS324	RIS224
RIS334	RIS164 <b>and</b> (RIS214 <b>or</b> RIS234)
RIS344	RIS224
RSO114	GDD112, RLO112, GDD122, RLO122, GDD214, GDD224
RSO124	RSO114
SDH414	(KLE134, KLE144) <b>and</b> (VDS214, VDS224) <b>and</b> (VBW312, VBW324) <b>and</b> ITR224
TMH114	THK114, THK124, THK214, THK224
TMS114	TGN114, TGN124, TTGN214, TGN224
TMT114	TTK114, TTK124, TTK214, TTK224
TRO111	Drama- and Theatre Arts on 200-level
VBL112	BLG114, BLG124, BLG144
VBL132	(BLG114, BLG124, BLG144) <b>AND 32 credits from the following modules:</b> [(DRK214, DRK252, DRK224 <b>and</b> DRK262)] <b>or</b> <b>32 credits from the following modules:</b> [(PLK214, PLK224 <b>and</b> PLK262)] <b>or</b> [(FFG216, FFG226)]
VNS112	CEM114 <b>and</b> (CEM124 <b>or</b> CEM144) <b>as well as</b> (FSK114 <b>or</b> FSK134) <b>and</b> (FSK124 <b>or</b> FSK144)
VNS112	CEM114 <b>and</b> (CEM124 <b>or</b> CEM144) <b>as well as</b> (FSK114 <b>or</b> FSK134) <b>and</b> (FSK124 <b>or</b> FSK144)

VNS132	{CEM114 <b>and</b> (CEM124 <b>or</b> CEM144) <b>as well as</b> (FSK114 <b>or</b> FSK134) <b>and</b> (FSK124 <b>or</b> FSK144)} <b>as well as</b> (CEM214, CEM232, CEM224, CEM242) <b>or</b> <b>32 credits from the following modules:</b> (FSK214, FSK232, FSK254, FSK224, FSK242, FSK262)
VSS124	SSM112, SSM132, SSM122, SSM142, SSM212, SSM232, SSM222, SSM242
VWS222	CEM114 <b>en</b> CEM124 <b>of</b> CEM114 <b>en</b> CEM144 <b>of</b> LWL134 <b>en</b> LWL144
VWS232	CEM114 <b>en</b> CEM124 <b>of</b> CEM114 <b>en</b> CEM144 <b>of</b> LWL134 <b>en</b> LWL144
WOF112	<b>48 credits from the following modules:</b> WTW214, WTW236, WTW252, WTW224, WTW244, WTW262, WTW282
WOS112	(WTW114 <b>or</b> WIS134) <b>and</b> (WTW124 <b>of</b> WTW144)
WTW114	Grade 12 Mathematics (HG) D or with performance level 7 or WTW164 with 70% or WTW184 with 60% or a pass in WTW134
WTW134	Grade 12 Mathematics (HG) E or (SG) C or with performance level 5 or WTW184 or WTW164 or WTV164
WTW124	Min. (WTW114)
WTW144	Min. (WTW114) or WTW134
WTW 154 or	Grade 12 Mathematics with at least a (HG) E or (SG) C or with performance level 3
WTV 154	WTW154 or WTV154
WTV 164	WTW154 or WTV154
WTW164	WTW154 or WTV154
WTW174	Grade 12 Mathematics (HG) E or (SG) C or with performance level 4 or an average of at least 80 % in EGM114 and EGM124
WTW184	WTW174
WTV194	Grade 12 Mathematics (HG) D or (SG) B or with performance level 4
WTW214	[WTW114 and Min. (WTW124)]
WTW234	(Min. (WTW114) or WTW134) and (Min. (WTW124) or WTW144)
WTW254	WTW124 or WTW144
WTW224	WTW124
WTW244	WTW124 or WTW144
WTW264	WTW114 and WTW124
WTW314	WTW124 and WTW214 and Min. (WTW264)
WTW334	WTW124 and Min. (WTW264)
WTW374	WTW124 and WTW254
WTW324	WTW214 and Min. (WTW264)
WTW344	Min. (WTW224)
WTW364	WTW214, WTW244, WTW374 and Min. (WTW234)
WTW384	WTW244
XBD309	XBK205
XBK205	XBK105, XTK105



XBV201, XBC201	<b>Minimum of 4 credits from:</b> XBB101, XBM101
XBV409, XBE409	XBD309, XBK309, KGK212,KGK232, KGK222, KGK242,KGK214,KGK224
XDR205	XDR105
XGD309	XGK205
XGK205	XGK105
XGV409, XGE409	XGD309
XGY201, XGV201	<b>Minimum of 4 credits from:</b> XGY101, XGV101
XKK204	XKK104
XPA205	XPA105
XPR205	XPR105
XSC205	XSC105
XSD309	XSK205
XSK205	XSK105
XSV409, XSE409	XSD309
XSY201, XSV201	<b>Minimum of 4 credits from:</b> XSX101, XST101, XSR101
XTD309	XTK205
XTK205	XTK105
XTV409, XTM409	XTD309
XTY201	<b>Minimum of 4 credits from:</b> XTW101, XTP101