

BACCALAUREUS EDUCATIONIS (GET): INTERMEDIATE/SENIOR PHASE

Qualification code: BEIS02 - NQF Level 6

Campus where offered: Soshanguve North Campus

Important notification to new applicants:

Before submitting an application for admission, applicants are advised to consult the University's website for possible new qualifications which are aligned with the newly-implemented Higher Education Qualification Sub-Framework.

REMARKS

This qualification is managed by the Department of Primary Education.

a. *Admission requirement(s) and selection criteria:*

• **FOR APPLICANTS WHO OBTAINED A SENIOR CERTIFICATE BEFORE 2008:**

Admission requirement(s):

An FET/Senior Certificate at NQF Level 4, including two languages, which should include English with at least a D symbol at the Higher Grade or a C symbol at the Standard Grade. It is recommended that all the other subjects listed as recommended be passed with at least E symbols at the Higher Grade or D symbols at the Standard Grade.

Recommended subject(s):

Biology, Geography, History, Mathematics, Physical Sciences and Technology.

Selection criteria:

Admission is based on the screening of the application against the minimum requirements and compliance with the subject-specific prerequisites.

• **FOR APPLICANTS WHO OBTAINED A NATIONAL SENIOR CERTIFICATE IN OR AFTER 2008:**

Admission requirement(s):

A National Senior Certificate with a bachelor's degree endorsement or an equivalent qualification, with an achievement level of at least 4 for English (home language or first additional language), 3 for one further additional language and 3 for Mathematics or Mathematical Literacy.

Recommended subject(s):

Biology, Business Studies, Computer Applications Technology, Geography, History, Physical Sciences, and any technology-related subjects.

Selection criteria:

- *To be considered for this qualification, applicants must have an Admission Points Score (APS) of at least 22.*
- *Applicants can only be considered for the programme if the minimum admission requirements with an achievement rating of 4 or better in four of the six subjects have been met.*

Assessment procedures:

No further assessment will be done. Applicants who achieve the minimum APS will be considered until the programme complement is full. The school will rank applicants to determine admission.

b. *Minimum duration:*
Four years.



- c. *Presentation:*
Day classes.
- d. *Intake for the qualification:*
January only.
- e. *Exclusion and readmission:*
See Chapter 2 of Students' Rules and Regulations.
- f. *Recognition of Prior Learning (RPL), equivalence and status:*
See Chapter 30 of Students' Rules and Regulations.
- g. *Subject credits:*
Subject credits are shown in brackets after each subject.

Key to asterisks:

- * Information does not correspond to information in Report 151.
(Deviations approved by the Senate in August 2005, March 2006, September 2007, May 2009 and SENEX on 22 June 2011.)

CURRICULUM

THE SUBJECTS PRINTED IN BOLD ARE NOT FOR REGISTRATION PURPOSES.

FIRST YEAR

CODE	SUBJECT	CREDIT	PREREQUISITE SUBJECT(S)
CLY100T	Computer Literacy I	(0,040)	
EGT110T	Educational Management I*	(0,035)	
ENE130B	English (Education) I	(0,100)*	
LEA100T	Learning Areas I*	(0,280)	
PDF100T	Professional Studies I		
PDF10PT	Professional Studies: General Professional I	(0,140)	
PDF10QT	Professional Studies: Teaching Practice I	(0,040)	
SSD100T	Specific Didactics: Subject/Learning Areas I	(0,280)	
TOE110T	Theory of Education I*	(0,035)	

plus one* of the following languages as determined by the school:

AFE150B	Afrikaans (Education) I	(0,050)*
IZE120B	IsiZulu (Education) I	(0,050)*
SNR110B	Northern Sotho (Education) I	(0,050)*

TOTAL CREDITS FOR THE FIRST YEAR: **1,000**

SECOND YEAR

CODE	SUBJECT	CREDIT	PREREQUISITE SUBJECT(S)
CLY210T	Computer Literacy II	(0,040)	Computer Literacy I
EGT210T	Educational Management II*	(0,060)	Educational Management I
ENE210B	English (Education) II	(0,120)*	English (Education) I
PDF200T	Professional Studies II		
PDF20PT	Professional Studies: General Professional II	(0,160)	Professional Studies I
PDF20QT	Professional Studies: Teaching Practice II	(0,040)	Professional Studies I
SSD200T	Specific Didactics: Subject/Learning Areas II	(0,140)	Specific Didactics: Subject/Learning Areas I



TOE210T	Theory of Education II*	(0,060)	Theory of Education I
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plus one* of the following languages as determined by the school:

AFE210B	Afrikaans (Education) II	(0,080)	Afrikaans (Education) I
IZE200B	IsiZulu (Education) II	(0,080)	IsiZulu (Education) I
SNR210B	Northern Sotho (Education) II	(0,080)	Northern Sotho (Education) I

plus five of the following subjects (subjects are offered in specialisation groups as determined by the school):

ART110T	Art I	(0,060)
BIO100T	Biology I	(0,060)
CMS110B	Computer Science I	(0,060)
DRA100T	Drama I	(0,060)
ENT100B	Entrepreneurship I	(0,060)
FWS100B	Physical Science I	(0,060)
GEG110B	Geography I	(0,060)
HMC100T	Human Movement Science I	(0,060)
HTS110T	History I	(0,060)
MAE110T	Mathematics (ED) I	(0,060)
MAT150B	Mathematics I	(0,060)
MUS100B	Music I	(0,060)
RGI100T	Religion I	(0,060)
SLB100T	School Librarianship (ED) I	(0,060)
THE120T	Technology I	(0,060)

TOTAL CREDITS FOR THE SECOND YEAR: **1,000**

THIRD YEAR

CODE	SUBJECT	CREDIT	PREREQUISITE SUBJECT(S)
EGT310T	Educational Management III*	(0,060)	Educational Management II
ENE300B	English (Education) III	(0,060)*	English (Education) II
PDF300T	Professional Studies III		
PDF30PT	Professional Studies: General Professional III	(0,150)	Professional Studies II
PDF30QT	Professional Studies: Teaching Practice III	(0,040)	Professional Studies II
SSD300T	Specific Didactics: Subject/Learning Areas III	(0,240)	Specific Didactics: Subject/Learning Areas II
TOE310T	Theory of Education III*	(0,060)	Theory of Education II

plus one* of the following languages as determined by the school:

AFE300B	Afrikaans (Education) III	(0,030)*	Afrikaans (Education) II
IZE300B	IsiZulu (Education) III	(0,030)*	IsiZulu (Education) II
SNR310B	Northern Sotho (Education) III	(0,030)*	Northern Sotho (Education) II

plus three of the following subjects (subjects are offered in specialisation groups as determined by the school):

ART200T	Art II	(0,120)	Art I
BIO200T	Biology II	(0,120)	Biology I
CMS200B	Computer Science II	(0,120)	Computer Science I
DRA200T	Drama II	(0,120)	Drama I
ENT200B	Entrepreneurship II	(0,120)	Entrepreneurship I
FWS200T	Physical Science II	(0,120)	Physical Science I
GEG200T	Geography II	(0,120)	Geography I



HMC200T	Human Movement Science II	(0,120)	Human Movement Science I
HTS210T	History II	(0,120)	History I
MAE210T	Mathematics (ED) II	(0,120)	Mathematics (ED) I
MAT260B	Mathematics II	(0,120)	Mathematics I
MUS200B	Music II	(0,120)	Music I
RGI200T	Religion II	(0,120)	Religion I
THE220T	Technology II	(0,120)	Technology I

TOTAL CREDITS FOR THE THIRD YEAR: **1,000**

FOURTH YEAR

CODE	SUBJECT	CREDIT	PREREQUISITE SUBJECT(S)
EGT410T	Educational Management IV*	(0,075)	Educational Management III
PDF400T	Professional Studies IV		
PDF40PT	Professional Studies: General Professional IV	(0,200)	Professional Studies III
PDF40QT	Professional Studies: Teaching Practice IV (on completion of all previous year's subjects)	(0,100)	
TOE410T	Theory of Education IV*	(0,075)	Theory of Education III

plus two of the following subjects (subjects are offered in specialisation groups as determined by the school):

ART300T	Art III	(0,200)	Art II
BIO300T	Biology III	(0,200)	Biology II
CMS300B	Computer Science III	(0,200)	Computer Science II
DRA300T	Drama III	(0,200)	Drama II
ENT300B	Entrepreneurship III	(0,200)	Entrepreneurship II
FWS300B	Physical Science III	(0,200)	Physical Science II
GEG300T	Geography III	(0,200)	Geography II
HMC300T	Human Movement Science III	(0,200)	Human Movement Science II
HTS310T	History III	(0,200)	History II
MAT340B	Mathematics III	(0,200)	Mathematics II
MUS300B	Music III	(0,200)	Music II
RGI300T	Religion III	(0,200)	Religion II
THE320T	Technology III	(0,200)	Technology II

plus two of the following subjects (subjects are offered in specialisation groups as determined by the school):

SDX410T	Specific Didactics: Entrepreneurship IV	(0,075)*
SDY410T	Specific Didactics: Mathematics IV	(0,075)*
SGY400T	Specific Didactics: Geography IV	(0,075)*
SHY400T	Specific Didactics: History IV	(0,075)*
SJY400T	Specific Didactics: Biology IV	(0,075)*
STO400T	Specific Didactics: Technology IV	(0,075)*

TOTAL CREDITS FOR THE FOURTH YEAR: **1,000**

TOTAL CREDITS FOR THE QUALIFICATION: **4,000**



SUBJECT INFORMATION (OVERVIEW OF SYLLABUS)

The syllabus content is subject to change to accommodate industry changes. Please note that a more detailed syllabus is available at the Department or in the study guide that is applicable to a particular subject. On 14 September 2018, the syllabus content was defined as follows:

A

AFRIKAANS (EDUCATION) I (AFE150B) 1 X 3-HOUR PAPER

(Subject custodian: Department of Applied Languages)

Basic reading, speaking, listening and writing skills. Comprehension (exercises and tests). (Total tuition time: ± 25 hours)

AFRIKAANS (EDUCATION) II (AFE210B) 1 X 3-HOUR PAPER

(Subject custodian: Department of Applied Languages)

Advanced oral, reading, listening and writing skills. Comprehension (exercises and tests). (Total tuition time: ± 25 hours)

AFRIKAANS (EDUCATION) III (AFE300B) 1 X 3-HOUR PAPER

(Subject custodian: Department of Applied Languages)

Basic grammar rules, speeches, discussions, listening techniques, meetings, memorandums, letters and reports. (Total tuition time: ± 25 hours)

ART I (ART110T) CONTINUOUS ASSESSMENT

(Subject custodian: Department of Primary Education)

Basic understanding of skills and techniques required in teaching creative arts, with the emphasis on story-telling and creating stories. (Total tuition time: ± 50 hours)

ART II (ART200T) CONTINUOUS ASSESSMENT

(Subject custodian: Department of Primary Education)

Students acquire a sound theoretical base for understanding the value of creative arts education. (Total tuition time: ± 50 hours)

ART III (ART300T) CONTINUOUS ASSESSMENT

(Subject custodian: Department of Primary Education)

Skills and techniques for creative arts education and an understanding of drama through telling and creating stories. (Total tuition time: ± 50 hours)

B

BIOLOGY I (BIO100T) 1 X 3-HOUR PAPER

(Subject custodian: Department of Mathematics, Science and Business Education)

An introduction to the cell theory leading to an investigation of the characteristics and functions of cells, tissues and systems. Introduction to the Periodic Table of Elements, including a study of the chemical and physical characteristics of metals and non-metals. Energy sources with conversions and calculations and the structure and origin of the earth with associated theories. (Total tuition time: ± 50 hours)

BIOLOGY II (BIO200T) 1 X 3-HOUR PAPER

(Subject custodian: Department of Mathematics, Science and Business Education)

A study on biodiversity (which includes the different families and classes of living thing and the composition if non-living entities), extinction and conservation. The emphasis then shifts to chemical change and factors contributing to it and how energy effects change; particularly electrical energy. There is then a study on the different aspects of climate change and the human impact on the environment. (Total tuition time: ± 50 hours)

BIOLOGY III (BIO300T) 1 X 3-HOUR PAPER

(Subject custodian: Department of Mathematics, Science and Business Education)

Genetics (inheritance, change, variation and introduction to evolution) energy sources (electricity, forces and energy, energy and sustainable use), influence of human activities, the changing face of the earth, measurement units and the mole concept. (Total tuition time: ± 50 hours)



C**COMPUTER LITERACY I (CLY100T)****CONTINUOUS ASSESSMENT***(Subject custodian: Department of Technology and Vocational Education)*

Theory: keyboard skills, paragraphs and correspondence. Display: speed and accuracy, word processing and documents for meetings. (Total tuition time: ± 25 hours)

COMPUTER LITERACY II (CLY210T)**CONTINUOUS ASSESSMENT***(Subject custodian: Department of Technology and Vocational Education)*

A basic insight into data processing and computer systems, basic keyboard skills, relevant computer programmes, a word-processing programme, as well as a spreadsheet programme and how to use the Internet. (Total tuition time: ± 25 hours)

COMPUTER SCIENCE I (CMS110B)**1 X 3-HOUR PAPER***(Subject custodian: Department of Technology and Vocational Education)*

Use basic information and communication technologies and relevant, fundamental terminology. Apply standard methods and techniques to communicate electronically. Identify social and ethical issues relating to the use of information and communication technologies. Design and use electronic tools to solve standard, routine problems. Apply the principles of the national curriculum and use prescribed Information Technology Grade 10 content to plan Grade 10 lessons. (Total tuition time: ± 125 hours)

COMPUTER SCIENCE II (CMS200B)**1 X 3-HOUR PAPER***(Subject custodian: Department of Technology and Vocational Education)*

Provide details of information and communication technologies, using applicable terminology. Provide details of the methods and techniques used to communicate electronically. Describe and evaluate the effect of the use of information and communication technologies on the society and environment. Design and use existing electronic tools to solve advanced problems implementing appropriate methods. Prepare assessment activities and tools applying the principles of the Subject Assessment Guidelines for Information Technology. Present a lesson incorporating relevant LTSM and applying professional presentation skills. (Total tuition time: ± 125 hours)

COMPUTER SCIENCE III (CMS300B)**1 X 3-HOUR PAPER***(Subject custodian: Department of Technology and Vocational Education)*

Apply, evaluate and integrate knowledge of information and communication technologies. Evaluate the methods and techniques used to communicate electronically. Justify decisions made with regard to the ethical and professional use of information and communication technologies. Design and use existing electronic tools to solve complex problems implementing a range of methods. Use all official DoE documents to plan, present and perform administration of Information Technology. Create an environment conducive to learning. (Total tuition time: ± 125 hours)

D**DRAMA I (DRA100T)****CONTINUOUS ASSESSMENT***(Subject custodian: Department of Primary Education)*

Story-telling and creating stories with choral verse, use of space, rhythm and mime. (Total tuition time: ± 50 hours)

DRAMA II (DRA200T)**CONTINUOUS ASSESSMENT***(Subject custodian: Department of Primary Education)*

Basic drama skills and techniques. Drama teaching and the value of drama education. Drama elements: tension, status, resolution, suspense, point of view. (Total tuition time: ± 50 hours)

DRAMA III (DRA300T)**CONTINUOUS ASSESSMENT***(Subject custodian: Department of Primary Education)*

Role-playing, assuming roles. Drama elements and role-playing. (Total tuition time: ± 50 hours)

E**EDUCATIONAL MANAGEMENT I (EGT110T)****1 X 2-HOUR PAPER***(Subject custodian: Department of Educational Foundation)*

Principles of classroom management and basic management functions. (Total tuition time: ± 38 hours)



EDUCATIONAL MANAGEMENT II (EGT210T) 1 X 2-HOUR PAPER

(Subject custodian: Department of Educational Foundation)

Elements of the teaching and learning situation and management areas in the classroom. (Total tuition time: ± 38 hours)

EDUCATIONAL MANAGEMENT III (EGT310T) 1 X 2-HOUR PAPER

(Subject custodian: Department of Educational Foundation)

The law relating to the educator and the education environment. (Total tuition time: ± 38 hours)

EDUCATIONAL MANAGEMENT IV (EGT410T) 1 X 2-HOUR PAPER

(Subject custodian: Department of Educational Foundation)

The educator in the professional environment and areas of educational management. (Total tuition time: ± 25 hours)

ENGLISH (EDUCATION) I (ENE130B) 1 X 3-HOUR PAPER

(Subject custodian: Department of Applied Languages)

Application of subject didactic principles pertaining to the national curriculum, GET curriculum Grades 4-5. Communication skills for a wide range of situations. Basic elements of prose, drama, poetry and grammar to create and interpret texts critically. (Total tuition time: ± 50 hours)

ENGLISH (EDUCATION) II (ENE210B) 1 X 3-HOUR PAPER

(Subject custodian: Department of Applied Languages)

Application of subject didactic principles pertaining to the national curriculum, GET curriculum Grades 6-7. Communication skills for a wide range of situations. Basic elements of prose, drama, poetry and grammar to create and interpret texts critically. (Total tuition time: ± 50 hours)

ENGLISH (EDUCATION) III (ENE300B) 1 X 3-HOUR PAPER

(Subject custodian: Department of Applied Languages)

Aspects regarding language usage in the context of the teaching and learning situation: audibility, clarity, comprehension, practical applications. (Total tuition time: ± 50 hours)

ENTREPRENEURSHIP I (ENT100B) 1 X 2-HOUR PAPER

(Subject custodian: Department of Mathematics, Science and Business Education)

Proven principles of good business and the needs of a new business enterprise in an outcomes-based environment. The emphasis is placed on entrepreneurship and the establishment and management of business institutions. (Total tuition time: ± 50 hours)

ENTREPRENEURSHIP II (ENT200B) 1 X 2-HOUR PAPER

(Subject custodian: Department of Mathematics, Science and Business Education)

Exposure to the various kinds of business enterprises, the planning of management functions, organising and controlling budgets. (Total tuition time: ± 50 hours)

ENTREPRENEURSHIP III (ENT300B) 1 X 2-HOUR PAPER

(Subject custodian: Department of Mathematics, Science and Business Education)

General administration, banking, personnel and good customer care. (Total tuition time: ± 50 hours)

G

GEOGRAPHY I (GEG110B) 1 X 3-HOUR PAPER

(Subject custodian: Department of Primary Education)

Geographical skills and techniques (the development and use of these skills and techniques form an integral part of the process of knowledge construction in Geography). Using atlases, map skills, map orientation (map position, grid reference), Geographical Information Systems (GIS), data acquisition. Atmosphere: weather and climate. Biosphere: ecosystems (biotic and abiotic systems). People and their needs: economic activities, resource use and management, energy use and management. People and their organisations. (Total tuition time: ± 75 hours)



GEOGRAPHY II (GEG200T)**1 X 3-HOUR PAPER****(Subject custodian: Department of Primary Education)**

Geographical skills and techniques: using atlases and maps, map skills. Consolidation and further application of the map skills and techniques covered in the first year on topographical maps, aerial photos and orthophoto maps. Reading, analysis and interpretation of 1:50 000 topographical maps and orthophotos. Lithosphere: the structure and changing landforms of the earth. (Total tuition time: ± 50 hours)

GEOGRAPHY III (GEG300T)**1 X 3-HOUR PAPER****(Subject custodian: Department of Primary Education)**

Geographical skills and techniques (the development and use of these skills and techniques form an integral part of the process of knowledge construction in Geography). Consolidation and further application of map skills and techniques covered in the first- and second years on topographical maps, orthophoto maps and aerial photos. Reading, analysis and interpretation of 1:50 000 topographical maps and orthophoto maps. Atmosphere: weather and climate. Development: people and place, settlement. (Total tuition time: ± 50 hours)

H**HISTORY I (HTS110T)****1 X 3-HOUR PAPER****(Subject custodian: Department of Primary Education)**

Africa (socio-economic political studies) by 1500, transformation in West Africa, kingdoms and trade in Southern Africa, transformation in Southern Africa, transformation in America, an analysis of the nature of slave-owning societies, transformation in Europe. (Total tuition time: ± 50 hours)

HISTORY II (HTS210T)**1 X 3-HOUR PAPER****(Subject custodian: Department of Primary Education)**

Industrialisation, technological dominance and the rise of Nationalism and Imperialism. South Africa's mineral and Industrial Revolution, and Colonial Conquest. Colonial transformation and African responses. Forms of resistance. The role of heritage institutions. Crisis of Capitalism I and II. The decline of Europe after World War II and the emergence of a bipolar world as well as new patterns of world dominance. (Total tuition time: ± 50 hours)

HISTORY III (HTS310T)**1 X 3-HOUR PAPER****(Subject custodian: Department of Primary Education)**

Case study: analysing issues concerning the Middle East conflict. Challenges to Colonialism. Competing Nationalisms in South Africa. The end of apartheid, democracy and new identities in South Africa. The collapse of Communism in Europe; the information age and continuing genocide. Competing world views and conflict over the control of resources: the Gulf War, war against terror and anarchy. Emerging youth cultures. African renewal. (Total tuition time: ± 50 hours)

HUMAN MOVEMENT SCIENCE I (HMC100T)**CONTINUOUS ASSESSMENT****(Subject custodian: Department of Educational Foundation)**

Types of movement that are utilised for the holistic development of the child. (Total tuition time: ± 50 hours)

HUMAN MOVEMENT SCIENCE II (HMC200T)**CONTINUOUS ASSESSMENT****(Subject custodian: Department of Educational Foundation)**

Elementary games and basic gymnastic movements that contribute to the development of the child. (Total tuition time: ± 50 hours)

HUMAN MOVEMENT SCIENCE III (HMC300T)**CONTINUOUS ASSESSMENT****(Subject custodian: Department of Educational Foundation)**

Water activities, games and gymnastics that contribute to the development of the child. (Total tuition time: ± 50 hours)

I**ISIZULU (EDUCATION) I (IZE120B)****1 X 3-HOUR PAPER****(Subject custodian: Department of Applied Languages)**

Application of subject didactic principles pertaining to the national curriculum, GET curriculum Grades 4-5. Communication skills for a wide range of situations. Basic elements of prose, drama, poetry and grammar to create and interpret texts critically. (Total tuition time: ± 50 hours)



ISIZULU (EDUCATION) II (IZE200B)**1 X 3-HOUR PAPER****(Subject custodian: Department of Applied Languages)**

Application of subject didactic principles pertaining to the national curriculum, GET curriculum Grades 6-7. Communication skills for a wide range of situations. Basic elements of prose, drama, poetry and grammar to create and interpret texts critically. (Total tuition time: ± 50 hours)

ISIZULU (EDUCATION) III (IZE300B)**1 X 3-HOUR PAPER****(Subject custodian: Department of Applied Languages)**

Basic elements of poetry, drama and prose. An introduction to critical and analytical methods. A study of selected poems, plays and novels. The teaching of literature, an introduction to Shakespeare, reading of a selection of Shakespeare's plays, the teaching of Shakespeare. Application of subject didactic principles of the national curriculum, FET curriculum Grades 10-12, as well as the development of an appropriate subject policy to demonstrate the organisational, administrative and practical implications of how the subject is managed at all levels. (Total tuition time: ± 100 hours)

L**LEARNING AREAS I (LEA100T)****CONTINUOUS ASSESSMENT****(Subject custodian: Department of Primary Education)**

Introduction to Biology and Science. Introduction to Drama, Art and Music. Introduction to Entrepreneurship. Introduction to Geography and History. Introduction to Human Movement. Introduction to Mathematics, and Introduction to Technology. (Total tuition time: ± 50 hours)

M**MATHEMATICS I (MAT150B)****1 X 3-HOUR PAPER****(Subject custodian: Department of Mathematics, Science and Business Education)**

Basic principles. Complex numbers and theory of polynomials. Functions. Exponential and logarithmic functions. Trigonometry. Coordinate geometry. Circle. Matrices. Partial fractions. (Total tuition time: ± 100 hours)

MATHEMATICS II (MAT260B)**1 X 3-HOUR PAPER****(Subject custodian: Department of Mathematics, Science and Business Education)**

Linear programming. Binomial theorem. Series and progressions. Vectors. Conic section. Limits and continuity. Differentiation. Integration. Data handling. (Total tuition time: ± 100 hours)

MATHEMATICS III (MAT340B)**1 X 3-HOUR PAPER****(Subject custodian: Department of Mathematics, Science and Business Education)**

Systems of linear equations: Matrices. Infinite series. Vector spaces. First-order differential equations. Second-order differential equations. Statistics and probability. (Total tuition time: ± 100 hours)

MATHEMATICS (ED) I (MAE110T)**1 X 2-HOUR PAPER****(Subject custodian: Department of Mathematics, Science and Business Education)**

Functional mathematics, including algebraic and geometric fundamental concepts. Theorems, such as Pythagoras and the sum of the squares constructed on the hypotenuse. Mathematical literacy, including commercial and mathematical elements, starting from undefined terms of theories, both deductive and inductive, to abstract theorems. (Total tuition time: ± 50 hours)

MATHEMATICS (ED) II (MAE210T)**1 X 2-HOUR PAPER****(Subject custodian: Department of Mathematics, Science and Business Education)**

Formal axiomatic methods and mathematical analysis, systems of numbers, cardinal numbers and theory testing. Manipulation of undefined terms and conceptualisation, theory testing. Real functions' limit of convergent sequences of numbers. Continuation of commercial mathematics elements, theories and axioms. (Total tuition time: ± 50 hours)

MUSIC I (MUS100B)**CONTINUOUS ASSESSMENT****(Subject custodian: Department of Primary Education)**

Theoretical and practical: instruments of the orchestra, cassette tapes. Note-singing and reciting. (Total tuition time: ± 50 hours)



MUSIC II (MUS200B)**CONTINUOUS ASSESSMENT****(Subject custodian: Department of Primary Education)**

Classroom percussion and ethnic instruments. Listening to the string and woodwind sections of the orchestra, as well as the brass and percussion sections. (Total tuition time: ± 50 hours)

MUSIC III (MUS300B)**CONTINUOUS ASSESSMENT****(Subject custodian: Department of Primary Education)**

Theories on treble and bass clef. Story and sound/singing/dramatisation, evaluation. (Total tuition time: ± 50 hours)

N**NORTHERN SOTHO (EDUCATION) I (SNR110B)****1 X 3-HOUR PAPER****(Subject custodian: Department of Applied Languages)**

Application of subject didactic principles pertaining to the national curriculum, GET curriculum Grades 4-5. Communication skills for a wide range of situations. Basic elements of prose, drama, poetry and grammar to create and interpret texts critically. (Total tuition time: ± 50 hours)

NORTHERN SOTHO (EDUCATION) II (SNR210B)**1 X 3-HOUR PAPER****(Subject custodian: Department of Applied Languages)**

Application of subject didactic principles pertaining to the national curriculum, GET curriculum Grades 6-7. Communication skills for a wide range of situations. Basic elements of prose, drama, poetry and grammar to create and interpret texts critically. (Total tuition time: ± 50 hours)

NORTHERN SOTHO (EDUCATION) III (SNR310B)**1 X 3-HOUR PAPER****(Subject custodian: Department of Applied Languages)**

Basic elements of poetry, drama and prose. An introduction to critical and analytical methods. A study of selected poems, plays and novels. The teaching of literature, an introduction to Shakespeare, reading of a selection of Shakespeare's plays, the teaching of Shakespeare. Application of subject didactic principles of the national curriculum, FET curriculum Grades 10-12, as well as the development of an appropriate subject policy to demonstrate the organisational, administrative and practical implications of how the subject is managed at all levels. (Total tuition time: ± 100 hours)

P**PHYSICAL SCIENCE I (FWS100B)****1 X 3-HOUR PAPER****(Subject custodian: Department of Mathematics, Science and Business Education)**

An introduction to the correct use and application of figures. Electricity: electrostatic, electrical potential, current electricity. Matter and energy: measuring properties of matter, the particle structure of matter, radiation physics, energy and energy transfer. Composition and structure of matter: the substances of chemistry, the particles of chemistry, atomic structure and atomic mass, the mole concept, electrons in atoms, chemical bonds, molecular size and shape. Chemical elements and their compounds: classification of the elements, acids and bases, oxidants and reductants, the main group of elements, organic chemistry. (Total tuition time: ± 50 hours)

PHYSICAL SCIENCE II (FWS200T)**1 X 3-HOUR PAPER****(Subject custodian: Department of Mathematics, Science and Business Education)**

Acids, bases and salts, Arrhenius, Bronsted-Lowry and Lewis concepts, oxidation-reduction reactions, the dissolution process, colligative properties of solutions and colloid formation, properties of solutions. State of matter: gases, liquids and solids. Gases and the kinetic-molecular theory. Chemical equilibrium, the equilibrium constant and Le Chatelier's principle, self-ionisation of water and pH. Circular motion, simple harmonic motion, vibrations and waves, magnetism, electromagnetic induction. Temperature and heat. (Total tuition time: ± 50 hours)

PHYSICAL SCIENCE III (FWS300B)**1 X 3-HOUR PAPER****(Subject custodian: Department of Mathematics, Science and Business Education)**

Mechanics: circular motion, turning forces. Matter and energy: special relativity. Electricity: the magnetic effect of current-carrying conductors, electromagnetic induction, electronics. Composition and structure of matter: quantum theory, chemical bond theory, molecular spectroscopy. Chemical elements and their compounds: the transition elements, physical properties and molecular structure of organic compounds, chemical properties and molecular structure of organic compounds, biologically important organic compounds. (Total tuition time: ± 50 hours)



PROFESSIONAL STUDIES: GENERAL PROFESSIONAL I (PDF10PT) CONTINUOUS ASSESSMENT
(Subject custodian: Department of Primary Education)

Research and academic writing and study skills, planning library orientation. (Total tuition time: ± 50 hours)

PROFESSIONAL STUDIES: GENERAL PROFESSIONAL II (PDF20PT) CONTINUOUS ASSESSMENT
(Subject custodian: Department of Primary Education)

Teaching and learning theories: microteaching, conflict resolution, emergent literacy and numeracy, library and media studies. (Total tuition time: ± 50 hours)

PROFESSIONAL STUDIES: GENERAL PROFESSIONAL III (PDF30PT) CONTINUOUS ASSESSMENT
(Subject custodian: Department of Primary Education)

Study skills, the role of an educator, personal development, observation and micro classes. (Total tuition time: ± 50 hours)

PROFESSIONAL STUDIES: GENERAL PROFESSIONAL IV (PDF40PT) CONTINUOUS ASSESSMENT
(Subject custodian: Department of Primary Education)

Professional development framework. Reflective practice. Communities of practice. Integrated quality management systems. Learners with special needs and professionalism. (Total tuition time: ± 50 hours)

PROFESSIONAL STUDIES: TEACHING PRACTICE I (PDF10QT) CONTINUOUS ASSESSMENT
(Subject custodian: Department of Primary Education)

Work-Integrated Learning in an authentic context (schools). The purpose is to do school-based observation at schools of the students' choice and to provide students with an opportunity to experience life from a teacher's perspective. (Total tuition time: one month)

PROFESSIONAL STUDIES: TEACHING PRACTICE II (PDF20QT) CONTINUOUS ASSESSMENT
(Subject custodian: Department of Primary Education)

Work-Integrated Learning in an authentic context (schools). The purpose is to do school-based observation and work-integrated learning at schools of the students' choice and to provide students with an opportunity to experience life from a teacher's perspective. (Total tuition time: one month)

PROFESSIONAL STUDIES: TEACHING PRACTICE III (PDF30QT) CONTINUOUS ASSESSMENT
(Subject custodian: Department of Primary Education)

Work-Integrated Learning in an authentic context (schools). The purpose is to do school-based observation and work-integrated learning at schools of the students' choice and to provide students with an opportunity to experience life from a teacher's perspective. (Total tuition time: one month)

PROFESSIONAL STUDIES: TEACHING PRACTICE IV (PDF40QT) CONTINUOUS ASSESSMENT
(Subject custodian: Department of Primary Education)

Work-Integrated Learning in an authentic context (schools). The purpose is to do school-based observation and internships at schools of the students' choice and to provide students with an opportunity to experience life from a teacher's perspective. (Total tuition time: three months)

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RELIGION I (RGI100T) CONTINUOUS ASSESSMENT
(Subject custodian: Department of Educational Foundation)

Students gain knowledge and understanding of various religions, such as Judaism, Christianity and Islam. (Total tuition time: ± 50 hours)

RELIGION II (RGI200T) CONTINUOUS ASSESSMENT
(Subject custodian: Department of Educational Foundation)

Students gain knowledge and understanding of the diversity of cultural and religious traditions and belief systems, as well as of constitutional rights and social responsibility. (Total tuition time: ± 50 hours)

RELIGION III (RGI300T) CONTINUOUS ASSESSMENT
(Subject custodian: Department of Educational Foundation)

Students gain sound knowledge of and insight into the diversity of religious traditions and different belief systems. (Total tuition time: ± 50 hours)



SCHOOL LIBRARIANSHIP (ED) I (SLB100T)**1 X 3-HOUR PAPER****(Subject custodian: Department of Primary Education)**

The subject covers school library materials and the development of library materials. Library searches and material collection for education. To include library information, history, rules, classification, cataloguing, referencing systems and general library management. (Total tuition time: ± 50 hours)

SPECIFIC DIDACTICS: BIOLOGY IV (SJY400T)**CONTINUOUS ASSESSMENT****(Subject custodian: Department of Mathematics, Science and Business Education)**

Practical application and micro lessons regarding broad physical features of human geography and related constructions in geography, topographical maps, aerial photos and orthophoto. (Total tuition time: ± 50 hours)

SPECIFIC DIDACTICS: ENTREPRENEURSHIP IV (SDX410T)**CONTINUOUS ASSESSMENT****(Subject custodian: Department of Mathematics, Science and Business Education)**

Microteaching, practical application and creation of conducive environments by using various models and frameworks for effective teaching and learning of the subject, entrepreneurship. Didactic principles applied in entrepreneurship, as well as the management of the assessment and creation of teaching media. (Total tuition time: ± 50 hours)

SPECIFIC DIDACTICS: GEOGRAPHY IV (SGY400T)**CONTINUOUS ASSESSMENT****(Subject custodian: Department of Primary Education)**

Practical application and micro lessons regarding the physiological elements and ecology of plants and animals, including viruses and bacteria. (Total tuition time: ± 50 hours)

SPECIFIC DIDACTICS: HISTORY IV (SHY400T)**CONTINUOUS ASSESSMENT****(Subject custodian: Department of Primary Education)**

Practical application and micro lessons regarding the interpretation of historical events, such as basic historical facts generally accepted by historians in different times and ages. (Total tuition time: ± 50 hours)

SPECIFIC DIDACTICS: MATHEMATICS IV (SDY410T)**CONTINUOUS ASSESSMENT****(Subject custodian: Department of Mathematics, Science and Business Education)**

Microteaching, the practical application and creation of conducive environments using various models and frameworks for effective teaching and learning of the subject, Mathematics. Didactic principles applied in mathematics, as well as the management of the assessment and creation of teaching media. (Total tuition time: ± 50 hours)

SPECIFIC DIDACTICS: SUBJECT/LEARNING AREAS I (SSD100T)**CONTINUOUS ASSESSMENT****(Subject custodian: Department of Primary Education)**

Microteaching, teaching science and environmental topics by using learning models. Didactic principles applied to various contents. Multimedia teaching. (Total tuition time: ± 50 hours)

SPECIFIC DIDACTICS: SUBJECT/LEARNING AREAS II (SSD200T)**CONTINUOUS ASSESSMENT****(Subject custodian: Department of Primary Education)**

Microteaching, teaching science and environmental topics using learning models. Didactic principles applied to various contents. Multimedia teaching. Work-Integrated Learning (four weeks). (Total tuition time: ± 50 hours)

SPECIFIC DIDACTICS: SUBJECT/LEARNING AREAS III (SSD300T)**CONTINUOUS ASSESSMENT****(Subject custodian: Department of Primary Education)**

Multimedia teaching. Test papers and memoranda, creating teaching media. (Total tuition time: ± 50 hours)

SPECIFIC DIDACTICS: TECHNOLOGY IV (STO400T)**CONTINUOUS ASSESSMENT****(Subject custodian: Department of Technology and Vocational Education)**

Application of related methodology in teaching technology. The development of lessons/programmes using problem-solving, inquiry-based learning, dialogic teaching, assessment strategies and related learning theories in the teaching and learning of technology, knowledge and application of technology curriculum. (Total tuition time: ± 50 hours)



<p>TECHNOLOGY I (THE120T) <i>(Subject custodian: Department of Technology and Vocational Education)</i> The mastering and application of technical knowledge, skills and attitudes in electrical, mechanical and civil fields of specialisation. Students identify problems, and through the design process, solve those problems by building projects in the laboratory and workshops. Emphasis is placed on the understanding and application of the technological process to solve problems and satisfy needs and wants; application of a range of technological knowledge and skills. (Total tuition time: ± 50 hours)</p>	<p>1 X 3-HOUR PAPER</p>
<p>TECHNOLOGY II (THE220T) <i>(Subject custodian: Department of Technology and Vocational Education)</i> Technical knowledge and skills in the three main fields of specialisation, namely electrical, mechanical and civil. Applying technological processes through projects and experiments to solve technological problems. (Total tuition time: ± 50 hours)</p>	<p>1 X 3-HOUR PAPER</p>
<p>TECHNOLOGY III (THE320T) <i>(Subject custodian: Department of Technology and Vocational Education)</i> Application of technical knowledge and skills in electrical, mechanical and civil engineering. Identification of problems and the design process, attempts to solve problems by building projects in laboratories and workshops. (Total tuition time: ± 50 hours)</p>	<p>1 X 3-HOUR PAPER</p>
<p>THEORY OF EDUCATION I (TOE110T) <i>(Subject custodian: Department of Educational Foundation)</i> Learning theories. Emotional development of learners. Social development of learners. Learning styles and Implication of different learning styles in the classroom. Thinking styles and Implication of different thinking styles in the classroom. Types and forms of assessment. Assessment of Learning (AoL) and assessment for learning. Minimum requirements for teacher Education Qualifications: MRTEQ: competencies of beginner teachers. (Total tuition time: ± 38 hours)</p>	<p>1 X 2-HOUR PAPER</p>
<p>THEORY OF EDUCATION II (TOE210T) <i>(Subject custodian: Department of Educational Foundation)</i> Perspectives in Psychopedagogics and Sociopedagogics. (Total tuition time: ± 38 hours)</p>	<p>1 X 2-HOUR PAPER</p>
<p>THEORY OF EDUCATION III (TOE310T) <i>(Subject custodian: Department of Educational Foundation)</i> Historical, comparative and philosophical perspectives on the theory of education. (Total tuition time: ± 38 hours)</p>	<p>1 X 2-HOUR PAPER</p>
<p>THEORY OF EDUCATION IV (TOE410T) <i>(Subject custodian: Department of Educational Foundation)</i> Relevant issues in theory of education. (Total tuition time: ± 25 hours)</p>	<p>1 X 2-HOUR PAPER</p>

